Supplemental Table 1 Summary DNA sequencing data in *F. esculentum*.

Sequence type	Average read length (bp)	Raw data (Gb)	Depth
PacBio	7441	64	51X
PacBio	12287	91	74X
BioNano	221962	248	200X
Nanopore	15510	128	105X
HiC	150	120	100X
Illumina HiSeq 2500	150	176	145X
Illumina HiSeq 2500	150	30	25X

Supplemental Table 2 Statistics of the *F. esculentum* and *F. tataricum* genome assembly.

Assembly Feature	*F. esculentum*			*F. tataricum*		
	Contig	Scaffolds	Super-scaffolds	Contig	Scaffold	Super-scaffold
Number	1749	1206	21	30	17	11
Total length (Mb)	1192	1217	1218	453.4	453.9	453.9
Min (bp)	11,990	11,990	193,508	55,625	77,719	114,082
N90 (bp)	414,020	857,421	130,740,272	15,255,061	15,581,430	49,853,327
No. of N90	604	307	8	15	9	8
N80 (bp)	782,030	1,581,574	131,443,264	24,086,579	45,773,533	52,321,160
No. of N80	396	205	7	12	7	7
N70 (bp)	1,220,341	2,527,713	144,767,378	24,129,234	49,853,327	54,558,485
No. of N70	278	144	6	11	6	6
N60 (bp)	1,650,397	3,264,768	147,162,445	27,667,610	51,799,785	55,721,890
No. of N60	193	102	5	9	5	5
N50 (bp)	2,295,377	4,538,185	154,252,145	27,865,154	51,799,785	56,693,299
No. of N50	131	70	4	7	5	4
Longest (bp)	29,523,974	36,632,568	162,245,067	49,853,327	62,023,384	62,023,384
GC content (%)	NA	NA	39	NA	NA	38

Supplemental Table 3 Statistics of chromosome-anchored contigs for *F. esculentum* and *F. tataricum*.

Chromosomes	Length (bp) of *F. esculentum*	Length (bp) of *F. tataricum*
Chr1	160499349	62023384
Chr2	144743622	60833585
Chr3	158018002	58607543
Chr4	162222506	56693299
Chr5	154229297	55721890
Chr6	131425178	54558485
Chr7	147144026	52321160
Chr8	130720699	49853327
Size of anchored sequences (Mb)	1189	450
Total length (Mb)	1218	453.9
Anchored sequences percent (%)	97.6	99.1

Supplemental Table 4 BUSCO genome assembly of *F. esculentum* and *F. tataricum.*

Description	embryophyta_odb10			
	F. esculentum		*F. tataricum*	
	Number	Percentage (%)	Number	Percentage (%)
Complete BUSCOs (C)	1533	95	1559	96.6
Complete and single-copy BUSCOs (S)	1431	88.7	1490	92.3
Complete and duplicated BUSCOs (D)	102	6.3	69	4.3
Fragmented BUSCOs (F)	17	1.1	12	0.7
Missing BUSCOs (M)	64	3.9	43	2.7
Total BUSCO groups searched	1614	100	1614	100

Supplemental Table 5 LAI genome assembly of *F. esculentum* and *F. tataricum*.

LAI	*F. esculentum*	*F. tataricum*
Chr1	18.19	12.89
Chr2	16.96	13.61
Chr3	17.83	11.81
Chr4	17.05	11.69
Chr5	17.31	12.43
Chr6	17.47	13.02
Chr7	18.42	11.66
Chr8	17.98	13.53
Average	**17.65**	**12.58**

Supplemental Table 6 Mapping rate of DNA sequencing in *F. esculentum* and *F. tataricum*.

F. esculentum

Sequence type	Raw reads	Mapping rate
Illumina HiSeq 2500	484935662	98.87%

F. tataricum

Accession number	Sequence type	Raw reads	Mapping rate
SRR5433720	Illumina HiSeq 2500	38170307	95.78%
SRR5433721	Illumina HiSeq 2500	20905827	95.60%
SRR5433722	Illumina HiSeq 2500	38607924	95.23%
SRR5433723	Illumina HiSeq 2500	21337352	95.10%
SRR5433724	Illumina HiSeq 2500	220116834	97.75%
SRR5433725	Illumina HiSeq 2500	63249453	96.31%
SRR5433726	Illumina HiSeq 2500	274337290	98.22%
SRR5433727	Illumina HiSeq 2500	115295466	98.16%

Supplemental Table 7 Mapping rate of transcriptome in *F. esculentum* and *F. tataricum.*

Mapping rate of transcriptome in *F. esculentum*

Sample	Reads	Mapping rate
caryopsis1	47679642	99.32%
caryopsis2	48528405	99.36%
caryopsis3	50037015	99.34%
root1	42733829	98.15%
root2	45734131	97.43%
root3	48636565	96.84%
stem1	49238806	99.32%
stem2	45545444	99.36%
stem3	50694479	99.34%
leaf1	49348963	98.78%
leaf2	46574474	99.26%
leaf3	50596152	96.05%
isostyle1	50393120	99.31%
isostyle2	49779516	99.02%
isostyle3	48683078	99.02%
style-long1	44208691	98.94%
style-long2	52070884	99.06%
style-long3	48098417	98.95%
style-short1	47972741	99.02%
style-short2	52033593	98.64%
style-short3	52197923	99.02%

Mapping rate of transcriptome in *F. tataricum*

Sample	Reads	Mapping rate
root	83928623	94.92%
stem	76500426	98.24%
leaf	84483097	97.87%
flower	80419754	98.46%
seed	82544095	97.60%

Supplemental Table 8 Summary analysis of different types of transposable elements in *F. esculentum*, *F. tataricum*, *B. vulgaris* and *A. thaliana*.

Type	*F. esculentum*		*F. tataricum*		*B. vulgaris*		*A. thaliana*	
	Length (bp)	Percent	Length (bp)	Percent	Length (bp)	Percent	Length (bp)	Percent
Class I: Retrotransposon	804605659	66.01%	199336171	43.91%	197898618	34.93%	7588316	6.37%
LTR-Retrotransposon	767923751	63.00%	173792004	38.29%	177601288	31.35%	6049893	5.08%
LTR/Gypsy	665104933	54.56%	139981767	30.84%	112354731	19.83%	4590553	3.85%
LTR/Copia	54915538	4.50%	21939966	4.83%	46220007	8.16%	1256794	1.05%
other	47903280	3.93%	11870271	2.61%	19026550	3.36%	202546	0.17%
Non-LTR Retrotransposon	36681908	3.01%	25544167	5.63%	20297330	3.58%	1538423	1.29%
SINE	4872160	0.40%	347436	0.08%	1537777	0.27%	108357	0.09%
LINE	31809748	2.61%	25202731	5.55%	18759553	3.31%	1430066	1.20%
Class II: DNA Transposon	32602512	2.67%	19224863	4.24%	23142057	4.08%	3714416	3.12%
EnSpm	3085908	0.25%	1518503	0.33%	7578589	1.34%	456809	0.38%
hAT	9492506	0.78%	7407933	1.63%	6593544	1.16%	378308	0.32%
Harbinger	2372357	0.19%	1364737	0.30%	1567196	0.28%	241153	0.20%
MuDR	14099441	1.16%	5706079	1.26%	2967311	0.52%	821960	0.69%
Helitron	2011835	0.17%	1835607	0.40%	1938666	0.34%	1672565	1.40%
DNA other	1540465	0.13%	1392004	0.31%	2496751	0.44%	143621	0.20%
unclassified	44786342	3.67%	12268084	2.70%	11983561	2.12%	3298066	2.77%
Satellite	83670	0.01%	202573	0.04%	436911	0.08%	20107	0.02%
Simple_repeat	6075121	0.50%	5714396	1.26%	9466343	1.67%	1170533	0.98%
Low_complexity	808080	0.07%	892418	0.20%	1336993	0.24%	365179	0.31%
Total content	888961384	72.93%	237638505	52.35%	244264483	43.11%	16156617	13.56%

Supplemental Table 9 Statistics of complete gene annotations of *F. esculentum* and *F. tataricum*.

	F. esculentum	***F. tataricum***
Gene number	38078	34366
Max gene length (bp)	130663	109397
Min gene length (bp)	150	151
Mean gene length (bp)	3055	2669
Mean CDS length (bp)	1209	1164
Mean protein length (aa)	403	387
Mean exon length (bp)	228	224
Mean intron length (bp)	427	358
Exon number per gene	5.3	5.2

Supplemental Table 10 Functional annotation of the predicted CDS.

	Number		Percent (%)	
	F. esculentum	***F. tataricum***	***F. esculentum***	***F. tataricum***
Swiss-Prot	25499	23145	66.97	67.35
RNA-seq	29396	26895	77.2	78.26
InterPro	29896	29865	78.51	86.9
Pfam	27587	23069	72.45	67.13
GO	20726	18041	54.43	52.5
KEGG Pathway	14101	11809	37.03	34.36
Annotated	37551	33548	98.62	97.62
Unannotated	527	818	1.38	2.38
Total	38078	34366	100	100

Supplementary Table 11 Annotation of conserved non-coding RNA genes.

Type	Copy number		Average length (bp)		Total length (bp)	
	Fe	Ft	Fe	Ft	Fe	Ft
miRNA	176	132	119	127	21015	16,709
tRNA	1472	1593	74	75	108978	119382
rRNA						
18S	79	15	862	401	68176	6019
28S	53	15	2106	831	111621	12476
5.8S	11	5	145	157	1600	787
5S	416	456	116	117	48585	53535
snRNA						
CD-box	7213	587	105	102	757365	59896
HACA-box	103	72	136	130	14057	9366
Splicing	241	180	145	143	35097	25882

Note: Fe= *F. esculentum* ; Ft= *F. tataricum*

Supplemental Table 12 BUSCO analysis of gene annotation in *F. esculentum* and *F. tataricum*.

Description	embryophyta_odb10			
	F. esculentum		*F. tataricum*	
	Number	Percentage (%)	Number	Percentage (%)
Complete BUSCOs (C)	1504	93.2	1533	95
Complete and single-copy BUSCOs (S)	1353	83.8	1464	90.7
Complete and duplicated BUSCOs (D)	151	9.4	69	4.3
Fragmented BUSCOs (F)	42	2.6	25	1.5
Missing BUSCOs (M)	69	4.2	56	3.5
Total BUSCO groups searched	1614	100	1614	100

Supplemental Table 13 Statistics of gene families of 12 plant species.

Species	Gene Number	Gene in family	Unclustered Gene	All Family num	Unique Family	Single Copy Family	Average genes per family
F. esculentum	38078	35902	2176	14945	891	7454	2.40
F. tataricum	34366	31672	2694	14432	630	7921	2.19
B. vulgaris	26903	21256	5647	12911	611	9023	1.65
S. lycopersicum	34727	30743	3984	14973	470	8879	2.05
S. tuberosum	52925	50104	2821	15287	1142	5442	3.28
A. thaliana	27416	25237	2179	12702	669	7257	1.99
T. cacao	46143	43964	2179	14048	834	9010	3.13
G. max	54175	48970	5205	14842	1587	2052	3.30
O. sativa	55801	49053	6748	15640	1870	8540	3.14
P. trichocarpa	41335	36876	4459	14079	819	4636	2.62
V. vinifera	26346	22560	3786	12764	583	8331	1.77
Z. mays	36439	31839	4600	14829	1379	6944	2.15

Supplemental Table 14 KEGG enrichment analysis of the expanded gene families.

F. esculentum

ID	Description	pvalue	p.adjust	qvalue
K03327	Transporters	4.37E-61	6.12E-60	9.21E-61
K15803	Sesquiterpenoid and triterpenoid biosynthesis	8.86E-45	6.20E-44	9.33E-45
K05909	Enzymes with EC numbers	2.14E-26	9.97E-26	1.50E-26
K00789	Cysteine and methionine metabolism	1.43E-19	5.01E-19	7.53E-20
K02155	Oxidative phosphorylation	8.68E-18	2.02E-17	3.04E-18
K14686	NA	8.68E-18	2.02E-17	3.04E-18
K16223	Circadian rhythm - plant	3.56E-14	7.13E-14	1.07E-14
K10666	Protein processing in endoplasmic reticulum	9.84E-14	1.72E-13	2.59E-14
K06268	Signal transduction	5.47E-13	8.51E-13	1.28E-13
K09338	Transcription factors	2.45E-07	3.43E-07	5.16E-08
K04506	Ubiquitin mediated proteolysis	2.50E-06	3.18E-06	4.78E-07

F. tataricum

ID	Description	pvalue	p.adjust	qvalue
K02704	Photosynthesis	2.53E-48	1.77E-47	5.33E-48
K02703	Photosynthesis	4.79E-36	1.68E-35	5.04E-36
K02112	Photosynthesis proteins	5.98E-27	1.39E-26	4.19E-27
K01601	Carbon fixation in photosynthetic organisms	7.83E-26	1.37E-25	4.12E-26
K14490	Plant hormone signal transduction	1.79E-14	2.51E-14	7.54E-15

Supplemental Table 15 Amplified gene family in *F. esculentum*.

Type of duplicate	*F. esculentum*	*F. tataricum*	*B. vulgaris*	*A. thaliana*
MATE	115	94	45	57
Terpene synthase	66	43	20	33
Multicopper oxidase	63	50	35	41
S-adenosylmethionine synthetase	13	7	3	4

Supplemental Table 16 GO functional enrichment analysis of specific genes.

F. esculentum

Term Name	MainClass	p-value
03011 Ribosome	A09180 Brite Hierarchies	5.73E-05
00190 Oxidative phosphorylation	A09100 Metabolism	6.90E-04
00970 Aminoacyl-tRNA biosynthesis	A09120 Genetic Information Processing	6.62E-04
03029 Mitochondrial biogenesis	A09180 Brite Hierarchies	0.0011383
03430 Mismatch repair	A09120 Genetic Information Processing	0.0023791
03400 DNA repair and recombination proteins	A09180 Brite Hierarchies	0.0022282
03016 Transfer RNA biogenesis	A09180 Brite Hierarchies	0.0044019
03008 Ribosome biogenesis in eukaryotes	A09120 Genetic Information Processing	0.0035615
00510 N-Glycan biosynthesis	A09100 Metabolism	0.0042902
00561 Glycerolipid metabolism	A09100 Metabolism	0.0071213
03032 DNA replication proteins	A09180 Brite Hierarchies	0.0069812
01007 Amino acid related enzymes	A09180 Brite Hierarchies	0.0067131
04136 Autophagy - other	A09140 Cellular Processes	0.0087505

F. tataricum

Term Name	MainClass	p-value
00190 Oxidative phosphorylation	A09100 Metabolism	0
00194 Photosynthesis proteins	A09180 Brite Hierarchies	4.44E-16
00195 Photosynthesis	A09100 Metabolism	4.44E-16
03020 RNA polymerase	A09120 Genetic Information Processing	3.46E-10
03029 Mitochondrial biogenesis	A09180 Brite Hierarchies	8.97E-06
03400 DNA repair and recombination proteins	A09180 Brite Hierarchies	3.48E-05
03021 Transcription machinery	A09180 Brite Hierarchies	7.61E-04
01009 Protein phosphatases and associated proteins	A09180 Brite Hierarchies	0.009101

Supplemental Table 17 KEGG functional enrichment analysis of *Fagopyrum* -specific genes.

ID	Description	pvalue	p.adjust	qvalue
K22048	Transporters	3.99E-27	9.18E-25	5.63E-25
K03444	Transporters	2.46E-19	2.83E-17	1.74E-17
K13065	Flavonoid biosynthesis	1.31E-17	6.22E-15	3.81E-15
K09422	Transcription factors	1.21E-14	1.02E-12	6.25E-13
K03921	Fatty acid biosynthesis	2.22E-14	1.02E-12	6.25E-13
K20535	MAPK signaling pathway - plant	4.82E-11	1.58E-09	9.71E-10
K09250	Transcription factors	6.38E-11	1.83E-09	1.12E-09
K14012	Protein processing in endoplasmic reticulum	6.04E-10	1.54E-08	9.47E-09
K00660	Flavonoid biosynthesis	9.20E-10	2.12E-08	1.30E-08
K12581	RNA degradation	1.27E-09	2.65E-08	1.63E-08
K18693	Glycerolipid metabolism	3.53E-09	6.77E-08	4.15E-08
K12125	Circadian rhythm - plant	1.22E-08	2.16E-07	1.32E-07
K01427	Purine metabolism	3.48E-08	5.72E-07	3.51E-07
K18195	rhamnogalacturonan endolyase	9.37E-08	1.44E-06	8.81E-07
K21483	Enzymes with EC numbers	1.92E-07	2.76E-06	1.69E-06
K01209	Amino sugar and nucleotide sugar metabolism	2.63E-07	3.56E-06	2.18E-06
K01213	Pentose and glucuronate interconversions	3.98E-07	5.09E-06	3.12E-06
K20347	p24 family protein beta-1	4.23E-07	5.12E-06	3.14E-06
K16298	Peptidases and inhibitors	7.41E-07	8.52E-06	5.23E-06
K10525	alpha-Linolenic acid metabolism	4.91E-06	4.65E-05	2.85E-05
K12604	RNA degradation	4.91E-06	4.65E-05	2.85E-05
K09338	Transcription factors	5.15E-06	4.65E-05	2.85E-05
K01183	Amino sugar and nucleotide sugar metabolism	5.26E-06	4.65E-05	2.85E-05
K13448	Plant-pathogen interaction	7.36E-06	6.12E-05	3.75E-05
K15378	Transporters	7.45E-06	6.12E-05	3.75E-05
K15397	Fatty acid elongation	1.00E-05	7.89E-05	4.84E-05
K09537	Chaperones and folding catalysts	1.03E-05	7.89E-05	4.84E-05
K00801	Steroid biosynthesis	1.15E-05	8.51E-05	5.22E-05
K08081	Tropane, piperidine and pyridine alkaloid biosynthesis	3.98E-05	0.000261621	0.000160445
K03094	Cell cycle	4.72E-05	0.000301288	0.000184772
K09284	Transcription factors	0.000140224	0.000871664	0.000534567
K08497	SNARE interactions in vesicular transport	0.000179291	0.001057357	0.000648448
K20537	MAPK signaling pathway - plant	0.000179291	0.001057357	0.000648448
K14379	Riboflavin metabolism	0.000206584	0.001158886	0.000710713
K15633	Glycolysis / Gluconeogenesis	0.000206584	0.001158886	0.000710713
K14485	Plant hormone signal transduction	0.000234721	0.001285379	0.000788287
K00913	Inositol phosphate metabolism	0.000295413	0.001509889	0.000925973
K18757	Messenger RNA biogenesis	0.000295413	0.001509889	0.000925973
K10664	Ubiquitin system	0.000344119	0.001720594	0.001055192
K00472	Arginine and proline metabolism	0.001269793	0.005960254	0.003655259
K01674	Nitrogen metabolism	0.001351206	0.006215546	0.003811822
K07252	N-Glycan biosynthesis	0.002246546	0.009506766	0.005830236
K04506	Ubiquitin mediated proteolysis	0.002504548	0.009659412	0.00592385
K23490	Energy metabolism	0.002504548	0.009659412	0.00592385
K01051	Pentose and glucuronate interconversions	0.002519847	0.009659412	0.00592385
K12486	Endocytosis	0.003071412	0.011580735	0.007102144
K15111	Transporters	0.003223142	0.011956816	0.007332784
K14376	mRNA surveillance pathway	0.004453421	0.016004481	0.009815105
K01087	Starch and sucrose metabolism	0.007429634	0.025359074	0.015552018
K14505	Plant hormone signal transduction	0.007781633	0.025938778	0.015907534

Supplemental Table 18 The gene pairs used for synonymous substitution rate (Ks).

Gene pair		KS	Gene pair		KS
Fe6.2593	Fe7.7710	2.95658	Ft8.1566	Ft8.4830	2.95659
Fe8.872	Fe8.2811	2.95591	Ft5.2339	Ft6.1840	2.95645
Fe2.13604	Fe8.11308	2.95498	Ft2.2350	Ft4.4366	2.95629
Fe3.7038	Fe6.9220	2.95465	Ft6.2363	Ft8.5146	2.95621
Fe5.13464	Fe6.3101	2.95436	Ft1.2818	Ft4.790	2.95604
Fe1.13831	Fe2.14124	2.95424	Ft2.4272	Ft7.4892	2.95601
Fe1.6135	Fe5.10850	2.95399	Ft7.2616	Ft8.136	2.95595
Fe1.11979	Fe3.9933	2.95371	Ft2.3046	Ft4.1902	2.95453
Fe1.5234	Fe4.4607	2.95367	Ft3.1881	Ft6.3269	2.95432
Fe1.4197	Fe6.5364	2.95347	Ft1.2351	Ft4.686	2.95427
Fe3.13579	Fe8.9293	2.95325	Ft3.4727	Ft5.1120	2.95368
Fe2.13040	Fe7.881	2.95311	Ft2.2502	Ft7.476	2.95306
Fe3.12000	Fe6.6229	2.95294	Ft2.335	Ft7.452	2.95295
Fe4.809	Fe7.1231	2.95288	Ft5.984	Ft5.2049	2.95232
Fe1.7461	Fe4.6139	2.95273	Ft1.2804	Ft5.174	2.95189
Fe4.12244	Fe6.9494	2.95266	Ft2.2376	Ft3.446	2.95127
Fe3.13503	Fe8.11590	2.95256	Ft3.3109	Ft4.1833	2.95071
Fe2.11331	Fe2.13704	2.95218	Ft3.2776	Ft3.3214	2.95062
Fe6.5989	Fe7.6703	2.9519	Ft2.2290	Ft8.298	2.94991
Fe2.9414	Fe6.10845	2.95176	Ft2.6417	Ft8.2834	2.94944
Fe6.10845	Fe7.12885	2.95176	Ft4.631	Ft6.319	2.94941
Fe2.14006	Fe3.13712	2.95107	Ft3.5150	Ft8.4683	2.94934
Fe4.12380	Fe7.5115	2.95079	Ft5.807	Ft8.2473	2.94884
Fe5.2878	Fe5.9005	2.95079	Ft3.569	Ft3.1800	2.94881
Fe5.499	Fe7.12375	2.95074	Ft3.234	Ft3.5479	2.9488
Fe2.1708	Fe8.11032	2.95039	Ft2.3204	Ft4.2074	2.94879
Fe3.959	Hic.scaffold.10.368	2.9498	Ft2.5174	Ft8.1917	2.94849
Fe1.834	Fe6.3041	2.94967	Ft7.2439	Ft7.3441	2.94845
Fe2.4922	Fe6.9419	2.94935	Ft2.6098	Ft8.4493	2.94834
Fe1.14216	Fe2.11318	2.94932	Ft5.823	Ft5.2254	2.94812
Fe1.6271	Fe5.9011	2.94914	Ft1.1761	Ft6.1375	2.94789
Fe1.14027	Fe2.3731	2.94905	Ft2.904	Ft7.3478	2.9476
Fe6.10845	Fe7.7284	2.94898	Ft2.3851	Ft4.5485	2.94756
Fe2.4820	Fe3.8287	2.94873	Ft2.1658	Ft7.3088	2.94735
Fe4.13901	Fe7.458	2.94826	Ft2.481	Ft3.1790	2.94717
Fe2.10277	Fe5.13410	2.94812	Ft3.1252	Ft6.731	2.94706
Fe2.14299	Fe3.3256	2.94808	Ft4.980	Ft8.1494	2.94694
Fe4.2770	Fe4.13521	2.94803	Ft2.3046	Ft7.649	2.94661
Fe2.10805	Fe3.14044	2.94769	Ft7.1085	Ft8.1690	2.94612
Fe3.5930	Fe3.13546	2.94764	Ft2.4126	Ft7.1069	2.94547
Fe6.1142	Fe8.5171	2.94749	Ft6.3313	Ft8.1937	2.94479
Fe2.4342	Fe2.4891	2.94724	Ft2.930	Ft2.3052	2.94466
Fe1.12629	Fe3.13370	2.94719	Ft3.698	Ft6.2395	2.9446
Fe1.3272	Fe3.1406	2.94621	Ft3.2588	Ft7.448	2.94444
Fe3.10615	Fe8.10680	2.94617	Ft2.2930	Ft8.168	2.94432
Fe2.13206	Fe7.1098	2.94589	Ft2.5557	Ft3.5066	2.9443
Fe1.9331	Fe1.14078	2.94576	Ft3.132	Ft7.3526	2.94396
Fe2.11709	Fe3.9168	2.94563	Ft5.523	Ft5.2588	2.94394
Fe3.5822	Fe6.3001	2.94524	Ft1.1734	Ft4.4054	2.9439
Fe3.7697	Fe8.2381	2.94507	Ft5.1195	Ft7.4776	2.94344
Fe6.9245	Fe6.10835	2.94478	Ft2.5263	Ft3.1691	2.94322

Fe1.5133	Fe4.2400	2.94444	Ft2.4637	Ft7.916	2.94309
Fe5.14125	Fe6.2832	2.94396	Ft7.2695	Ft8.1345	2.94269
Fe2.12812	Fe3.12467	2.94383	Ft2.4801	Ft7.2559	2.94261
Fe6.2130	Fe6.2961	2.94368	Ft2.5869	Ft2.6339	2.94245
Fe3.2319	Fe7.2665	2.94367	Ft1.1609	Ft5.949	2.94182
Fe4.2955	Fe5.3028	2.94355	Ft6.3662	Ft7.2559	2.94145
Fe1.14471	Fe3.708	2.94329	Ft3.1810	Ft4.745	2.94135
Fe2.493	Fe4.1868	2.94328	Ft5.423	Ft6.3593	2.94122
Fe2.2577	Fe8.565	2.94322	Ft3.1236	Ft6.658	2.94091
Fe3.7728	Fe6.9851	2.94303	Ft3.2819	Ft7.2169	2.94068
Fe2.10643	Fe8.9194	2.94282	Ft2.6520	Ft4.178	2.94062
Fe2.10410	Fe7.11267	2.94258	Ft6.1419	Ft8.4403	2.94055
Fe3.13370	Fe5.5619	2.94247	Ft2.2679	Ft2.4567	2.93998
Fe3.805	Fe3.14525	2.94192	Ft1.2671	Ft2.5704	2.93985
Fe2.1087	Fe5.6047	2.94155	Ft1.1700	Ft5.2008	2.93984
Fe4.2846	Fe8.11301	2.94146	Ft2.924	Ft2.1933	2.93965
Fe4.1905	Fe7.1609	2.94108	Ft2.470	Ft7.1677	2.93952
Fe6.9695	Fe6.10525	2.94096	Ft1.1735	Ft4.4051	2.93842
Fe2.9503	Hic.scaffold.9.52	2.94086	Ft3.2776	Ft8.3879	2.93837
Fe1.3272	Fe2.13810	2.94076	Ft2.1105	Ft8.4167	2.93773
Fe3.10157	Fe6.10760	2.9407	Ft2.3147	Ft5.860	2.9375
Fe5.13761	Fe8.2864	2.94049	Ft3.4062	Ft8.4559	2.93705
Fe5.10636	Fe8.10849	2.94047	Ft2.2665	Ft2.3012	2.93646
Fe8.9074	Fe8.9734	2.94039	Ft6.86	Ft7.4593	2.9363
Fe3.8580	Fe6.11887	2.94034	Ft5.396	Ft5.2856	2.93604
Fe4.7275	Fe7.3724	2.94016	Ft1.1114	Ft7.5011	2.93564
Fe2.366	Fe4.4907	2.94014	Ft4.5676	Ft4.6004	2.93505
Fe7.578	Fe7.4261	2.93988	Ft1.2396	Ft8.3901	2.93432
Fe3.2356	Fe7.6014	2.93981	Ft2.6607	Ft3.5736	2.93405
Fe2.12315	Fe6.2648	2.93973	Ft7.4916	Ft8.4038	2.93332
Fe2.157	Fe3.1495	2.93944	Ft2.5231	Ft3.2839	2.93307
Fe3.10198	Fe7.2681	2.939	Ft3.629	Ft5.2405	2.93281
Fe3.5340	Fe7.3856	2.93849	Ft3.5555	Ft6.3165	2.93198
Fe2.13629	Fe8.11451	2.93821	Ft2.4832	Ft3.2485	2.93188
Fe4.11774	Fe7.11567	2.9378	Ft2.5201	Ft4.1003	2.93138
Fe1.14549	Fe5.14466	2.93752	Ft2.3037	Ft8.307	2.93126
Fe2.8401	Fe6.12086	2.93747	Ft2.1686	Ft3.1779	2.93099
Fe4.13684	Fe8.11359	2.93739	Ft2.3416	Ft4.3766	2.93088
Fe3.11960	Fe7.2562	2.93725	Ft5.923	Ft7.4991	2.93064
Fe6.916	Fe8.8513	2.93263	Ft1.2586	Ft6.57	2.93042
Fe1.10891	Fe7.10275	2.93262	Ft4.3701	Ft6.30	2.93021
Fe2.8807	Fe5.3967	2.93241	Ft7.973	Ft8.1737	2.93018
Fe4.2987	Fe7.3791	2.9323	Ft3.2111	Ft8.3996	2.93005
Fe2.2895	Fe8.3071	2.93222	Ft2.3917	Ft7.482	2.92963
Fe2.8660	Fe3.938	2.93211	Ft3.5555	Ft5.2944	2.92951
Fe2.11438	Fe6.7547	2.93198	Ft4.875	Ft8.4599	2.9294
Fe2.8187	Fe8.7697	2.93163	Ft2.3245	Ft4.5945	2.92931
Fe1.2267	Fe5.3255	2.93155	Ft1.759	Ft7.3492	2.92892
Fe3.14244	Fe5.9187	2.93139	Ft4.992	Ft5.1593	2.92868
Fe4.12022	Fe5.617	2.93136	Ft7.3063	Ft7.4948	2.92845
Fe1.8195	Fe7.11455	2.9309	Ft3.1772	Ft7.3417	2.92772
Fe7.7422	Fe7.12938	2.93065	Ft5.111	Ft8.2602	2.92765
Fe2.12679	Fe4.13803	2.93048	Ft3.1511	Ft7.3092	2.92753
Fe1.9924	Fe7.9673	2.93047	Ft1.1680	Ft4.686	2.92748
Fe2.2112	Fe4.10758	2.93009	Ft2.6594	Ft3.590	2.92738

Fe5.1824	Hic.scaffold.10.458	2.93	Ft2.3010	Ft4.6205	2.92676
Fe2.983	Fe4.5382	2.92992	Ft3.1209	Ft6.2017	2.92673
Fe7.3071	Fe7.5259	2.92988	Ft3.818	Ft6.678	2.92659
Fe3.12360	Fe8.7256	2.92962	Ft4.3120	Ft7.4717	2.92649
Fe3.13664	Fe7.4435	2.92949	Ft3.1974	Ft7.4681	2.92648
Fe2.970	Fe3.5749	2.92922	Ft4.4322	Ft6.2647	2.92611
Fe3.12204	Fe5.9998	2.9292	Ft2.6528	Ft4.2141	2.92592
Fe6.3545	Fe8.10318	2.9292	Ft7.4739	Ft8.1605	2.92579
Fe3.962	Fe5.60	2.92903	Ft4.3642	Ft7.361	2.92577
Fe7.813	Fe8.5413	2.92899	Ft4.849	Ft4.1653	2.92505
Fe2.8524	Hic.scaffold.11.275	2.92847	Ft3.4980	Ft7.1209	2.92417
Fe2.1714	Fe3.2099	2.92832	Ft7.1626	Ft7.2559	2.92411
Fe4.13596	Fe6.9402	2.92789	Ft3.2278	Ft6.2893	2.92336
Fe7.460	Hic.scaffold.10.479	2.92786	Ft2.3174	Ft4.2045	2.92312
Fe1.7939	Fe5.8891	2.92755	Ft6.203	Ft7.5146	2.92293
Fe3.1794	Fe5.2972	2.92724	Ft1.2738	Ft4.3449	2.92272
Fe8.7462	Fe8.10730	2.92711	Ft5.1618	Ft7.4743	2.92254
Fe1.6851	Fe7.762	2.92675	Ft2.415	Ft7.681	2.92206
Fe1.1676	Fe8.283	2.9264	Ft3.732	Ft5.2651	2.92131
Fe4.10059	Fe6.5699	2.92632	Ft7.4801	Ft7.4895	2.92101
Fe1.8219	Fe3.6800	2.92605	Ft2.4134	Ft4.4111	2.92075
Fe6.7446	Fe7.8137	2.92605	Ft5.599	Ft7.4877	2.9207
Fe3.13541	Fe6.6389	2.926	Ft1.2737	Ft6.3402	2.92058
Fe2.11862	Fe2.13982	2.92593	Ft1.2631	Ft5.1775	2.92037
Fe1.5127	Fe1.14127	2.9259	Ft6.2558	Ft7.2478	2.92029
Fe8.10721	Fe8.11320	2.92581	Ft3.2776	Ft4.2200	2.9199
Fe2.13629	Fe8.6886	2.92566	Ft2.128	Ft3.1236	2.91985
Fe3.13144	Fe8.9690	2.92529	Ft2.3063	Ft8.3537	2.91969
Fe4.7217	Fe5.6968	2.92423	Ft3.2089	Ft4.2899	2.91929
Fe1.4782	Fe4.5908	2.92386	Ft4.5590	Ft4.5949	2.91919
Fe3.3622	Fe7.5014	2.92357	Ft2.5347	Ft6.87	2.91915
Fe6.3047	Fe6.9201	2.9234	Ft3.1338	Ft6.1220	2.91901
Fe6.2269	Fe6.3468	2.92327	Ft2.2886	Ft6.2860	2.9182
Fe1.13240	Fe6.10767	2.92286	Ft4.5592	Ft6.2261	2.91818
Fe4.10059	Fe5.2507	2.92222	Ft5.1531	Ft7.3494	2.91808
Fe7.1668	Fe8.5126	2.92184	Ft5.2156	Ft8.3802	2.91799
Fe1.3134	Fe4.11846	2.92154	Ft2.2953	Ft3.5774	2.91774
Fe5.13668	Fe8.10580	2.92147	Ft3.4095	Ft4.4247	2.91759
Fe2.8274	Fe3.12261	2.92146	Ft3.1807	Ft7.2477	2.91748
Fe1.14380	Fe5.10627	2.9212	Ft2.1005	Ft7.4760	2.91733
Fe2.10805	Fe2.12959	2.9211	Ft2.6555	Ft7.556	2.91723
Fe2.2670	Fe7.6018	2.92105	Ft2.4567	Ft7.2257	2.91692
Fe2.8491	Fe5.11663	2.92092	Ft2.6010	Ft7.3711	2.91688
Fe3.7588	Fe4.8769	2.92091	Ft3.494	Ft6.1211	2.91676
Fe2.7281	Fe6.5177	2.92067	Ft2.2593	Ft2.4272	2.91659
Fe2.12803	Fe7.2839	2.92051	Ft3.1333	Ft4.1885	2.91648
Fe3.2832	Fe8.7426	2.91981	Ft4.4257	Ft6.1952	2.9163
Fe1.86	Fe6.2290	2.91945	Ft5.882	Ft7.4775	2.916
Fe3.4331	Fe4.8674	2.91921	Ft2.3788	Ft2.5365	2.91587
Fe3.13980	Fe4.3420	2.91894	Ft1.156	Ft4.5844	2.91569
Fe2.10810	Fe2.13439	2.91878	Ft5.706	Ft5.2090	2.91551
Fe5.6418	Fe5.10078	2.91855	Ft3.5478	Ft7.2688	2.91538
Fe5.4795	Fe6.5346	2.91836	Ft2.441	Ft4.5364	2.9153
Fe4.14567	Fe8.10921	2.91816	Ft2.6047	Ft5.215	2.91519
Fe2.8529	Fe6.3103	2.91773	Ft2.983	Ft2.4642	2.91466

Fe1.11146	Fe3.9410	2.91711
Fe1.497	Fe7.1561	2.91705
Fe2.13856	Fe3.8600	2.91703
Fe1.7426	Fe2.4922	2.91694
Fe1.10863	Hic.scaffold.10.245	2.9168
Fe6.2885	Fe7.4660	2.91675
Fe2.8889	Fe4.11978	2.9167
Fe1.11216	Fe3.10460	2.9166
Fe2.13501	Fe6.2811	2.91637
Fe5.10165	Fe7.3516	2.91635
Fe2.28	Fe2.11672	2.91627
Fe5.1211	Fe7.3846	2.91621
Fe6.2600	Fe7.3639	2.91616
Fe8.9686	Hic.scaffold.9.229	2.91609
Fe2.11496	Fe5.13018	2.91598
Fe1.9924	Fe5.12923	2.91584
Fe4.5755	Fe6.10653	2.91543
Fe2.11251	Fe4.11364	2.91484
Fe4.5222	Fe4.10413	2.91484
Fe1.11979	Fe5.8171	2.91465
Fe2.4665	Fe5.13018	2.91464
Fe1.6424	Fe2.12169	2.91459
Fe4.3798	Fe6.1801	2.91459
Fe2.8969	Fe4.988	2.91412
Fe2.2590	Fe5.9892	2.91397
Fe1.13980	Fe8.3547	2.91356
Fe4.2700	Fe8.10063	2.91345
Fe2.219	Fe8.10671	2.91342
Fe1.13132	Fe2.10253	2.9133
Fe3.14003	Fe8.7363	2.91273
Fe6.1004	Fe8.8380	2.91272
Fe2.9450	Fe4.2048	2.91256
Fe3.12353	Fe6.9798	2.91253
Fe3.1133	Fe4.12856	2.91241
Fe2.13128	Fe4.5821	2.91238
Fe3.7957	Fe8.434	2.91211
Fe7.1772	Fe8.10813	2.91159
Fe3.1756	Fe5.2969	2.91131
Fe3.13569	Fe4.904	2.91112
Fe4.2053	Fe7.2971	2.91109
Fe6.3049	Fe6.3468	2.91103
Fe3.12353	Fe5.10735	2.9109
Fe6.3541	Fe7.1164	2.91089
Fe2.8362	Fe4.3031	2.91052
Fe5.2771	Fe6.6943	2.91017
Fe2.11872	Fe5.472	2.90994
Fe3.13486	Fe6.8611	2.90972
Fe6.761	Fe7.6138	2.90968
Fe4.3090	Fe8.10901	2.9095
Fe4.14404	Fe8.10622	2.90948
Fe6.10760	Hic.scaffold.10.241	2.90942
Fe2.12861	Fe4.5681	2.90932
Fe6.2153	Fe6.3041	2.90919
Fe5.12260	Fe6.10312	2.90909
Fe3.4672	Fe4.9409	2.90898
Ft5.1109	Ft6.2830	2.91381
Ft4.5801	Ft7.4717	2.91352
Ft2.2376	Ft7.4892	2.91329
Ft3.5516	Ft7.1068	2.91319
Ft2.4644	Ft7.4952	2.91269
Ft6.1397	Ft8.3319	2.91262
Ft2.6526	Ft6.3468	2.91226
Ft6.1130	Ft7.3009	2.91212
Ft2.2685	Ft6.1220	2.91162
Ft3.2443	Ft6.3334	2.91087
Ft7.3281	Ft8.3464	2.91055
Ft2.5132	Ft7.4808	2.9105
Ft4.1272	Ft7.294	2.91043
Ft2.2522	Ft8.4299	2.91002
Ft2.3045	Ft4.2057	2.90947
Ft1.31	Ft7.510	2.90943
Ft1.590	Ft3.5543	2.90931
Ft3.5475	Ft4.745	2.90911
Ft1.85	Ft3.1600	2.90861
Ft2.4297	Ft3.4902	2.9085
Ft2.3040	Ft4.2967	2.9084
Ft6.1881	Ft7.4831	2.90834
Ft2.6109	Ft3.1267	2.90784
Ft2.2936	Ft8.1676	2.90731
Ft4.233	Ft8.2917	2.9067
Ft6.2187	Ft8.3325	2.90665
Ft2.6306	Ft5.2095	2.90637
Ft4.5398	Ft7.3068	2.90561
Ft4.499	Ft6.399	2.90554
Ft4.1762	Ft8.3647	2.90546
Ft7.1399	Ft7.4615	2.90536
Ft2.3796	Ft3.1840	2.90486
Ft6.722	Ft8.244	2.90435
Ft3.1772	Ft3.2757	2.90423
Ft4.1654	Ft8.2581	2.90416
Ft3.2361	Ft8.3824	2.90413
Ft4.103	Ft7.267	2.90391
Ft2.6312	Ft8.265	2.90271
Ft4.696	Ft7.1860	2.9024
Ft4.2880	Ft4.4968	2.9018
Ft5.246	Ft5.961	2.90116
Ft8.539	Ft8.595	2.90074
Ft3.3236	Ft7.1489	2.90042
Ft2.5282	Ft8.1678	2.90028
Ft2.4125	Ft8.1738	2.90016
Ft6.1952	Ft7.2592	2.90012
Ft2.5732	Ft7.2500	2.90001
Ft1.356	Ft5.517	2.89944
Ft3.1641	Ft7.4905	2.89943
Ft3.864	Ft4.686	2.89932
Ft2.5966	Ft4.5602	2.89883
Ft2.2270	Ft8.271	2.89866
Ft2.3986	Ft7.2456	2.89817
Ft3.1826	Ft3.2879	2.8973
Ft2.6599	Ft4.6021	2.89725

Fe2.11659	Fe4.2700	2.90896	Ft3.501	Ft4.5441	2.89718
Fe2.11804	Fe8.10898	2.90877	Ft2.486	Ft5.405	2.89674
Fe2.13283	Fe6.12040	2.90858	Ft2.6098	Ft5.232	2.89674
Fe5.1161	Fe7.11049	2.90803	Ft4.5945	Ft5.2705	2.89588
Fe4.480	Fe4.13094	2.90797	Ft2.1863	Ft2.4194	2.89444
Fe5.1242	Hic.scaffold.9.52	2.90796	Ft4.4848	Ft7.3152	2.89389
Fe2.8359	Fe3.1794	2.90793	Ft4.48	Ft4.4348	2.89316
Fe7.2619	Fe7.3498	2.90781	Ft2.4502	Ft3.4841	2.89315
Fe1.10243	Fe3.5063	2.90753	Ft2.5947	Ft7.3004	2.8931
Fe3.13832	Fe5.3926	2.90749	Ft3.3014	Ft8.1662	2.89202
Fe1.1498	Fe2.9795	2.90708	Ft3.834	Ft3.5775	2.89066
Fe2.490	Fe2.7905	2.90674	Ft2.5441	Ft5.721	2.89056
Fe2.11195	Fe2.11672	2.90635	Ft3.4056	Ft8.473	2.89
Fe1.4867	Fe5.12051	2.90606	Ft2.3010	Ft7.1902	2.88981
Fe5.13414	Fe7.6295	2.90554	Ft7.1674	Ft8.1697	2.88952
Fe3.8717	Fe5.1744	2.90529	Ft4.5378	Ft4.6238	2.88915
Fe2.12770	Fe3.12353	2.90525	Ft8.495	Ft8.4897	2.88886
Fe1.9073	Fe8.4322	2.90493	Ft2.3790	Ft4.3634	2.88879
Fe6.880	Fe8.10298	2.90447	Ft2.3206	Ft3.1858	2.88878
Fe1.10571	Fe6.1403	2.90434	Ft2.4265	Ft6.1322	2.88824
Fe4.5705	Fe6.9801	2.90422	Ft8.78	Ft8.2456	2.88798
Fe3.162	Fe5.14526	2.9042	Ft5.1120	Ft7.4835	2.88699
Fe2.2895	Fe2.8930	2.90409	Ft3.1216	Ft3.5490	2.88696
Fe3.13532	Fe5.1795	2.90366	Ft1.2406	Ft4.5218	2.88661
Fe5.13177	Fe7.12618	2.90366	Ft2.660	Ft6.1989	2.88649
Fe1.13170	Fe8.10768	2.90347	Ft2.4447	Ft4.4854	2.88628
Fe1.10392	Fe2.8307	2.90342	Ft4.2315	Ft7.1078	2.88588
Fe1.12593	Fe4.14199	2.90339	Ft2.5799	Ft4.845	2.88566
Fe6.5458	Fe7.8437	2.90337	Ft2.3120	Ft3.3396	2.8849
Fe3.4388	Fe8.503	2.90331	Ft3.1545	Ft7.3092	2.88442
Fe4.2700	Fe6.10480	2.90331	Ft2.504	Ft8.1443	2.88398
Fe6.3468	Fe6.9798	2.90312	Ft2.6537	Ft7.3763	2.88392
Fe2.3793	Fe2.11843	2.90308	Ft2.2997	Ft7.1066	2.88376
Fe1.6271	Fe6.5391	2.9026	Ft2.6003	Ft7.4980	2.88369
Fe2.3817	Fe6.7616	2.9025	Ft7.1093	Ft8.1661	2.88341
Fe1.13271	Fe2.230	2.90186	Ft2.2856	Ft7.4753	2.88329
Fe1.457	Fe4.5513	2.90173	Ft6.2857	Ft7.4725	2.88325
Fe2.4858	Fe7.3716	2.9012	Ft7.3685	Ft8.1987	2.88307
Fe4.909	Fe6.11419	2.90097	Ft4.5378	Ft5.1721	2.88285
Fe2.10659	Fe4.12389	2.9008	Ft2.1112	Ft3.3109	2.88272
Fe2.6227	Fe4.5019	2.90072	Ft2.630	Ft7.2226	2.88267
Fe1.4867	Fe5.3023	2.90053	Ft2.6010	Ft6.2814	2.88252
Fe3.4007	Fe8.10859	2.89987	Ft3.5439	Ft4.5789	2.88188
Fe2.3176	Fe7.6640	2.89979	Ft2.4579	Ft6.87	2.88178
Fe8.9956	Fe8.10806	2.89961	Ft7.4530	Ft8.2370	2.8817
Fe4.3755	Fe5.7880	2.89927	Ft7.1132	Ft7.2613	2.88166
Fe2.1541	Fe4.555	2.89922	Ft7.1722	Ft7.1979	2.88022
Fe2.3341	Fe2.11378	2.8992	Ft1.2804	Ft7.2478	2.87999
Fe1.14235	Fe6.3718	2.89892	Ft2.4119	Ft7.507	2.87981
Fe2.7905	Fe7.2862	2.89876	Ft2.2706	Ft3.344	2.87942
Fe6.12096	Fe7.3763	2.89868	Ft4.2084	Ft7.748	2.87932
Fe2.13871	Fe8.11863	2.89866	Ft4.1487	Ft8.2114	2.87919
Fe1.8646	Fe1.13207	2.89864	Ft2.20	Ft2.6440	2.87851
Fe4.9655	Fe5.11944	2.89788	Ft3.600	Ft3.1018	2.87822
Fe1.10697	Fe8.10842	2.89781	Ft2.940	Ft7.5211	2.87813

Fe2.11374	Fe7.12964	2.89776
Fe3.6377	Fe6.5837	2.89766
Fe2.10643	Fe6.9227	2.89749
Fe3.2733	Fe3.12634	2.89707
Fe2.8236	Fe4.2909	2.89682
Fe7.1160	Hic.scaffold.11.381	2.89679
Fe5.5956	Fe8.4322	2.89659
Fe2.14033	Fe7.745	2.89627
Fe4.13401	Fe7.7362	2.89606
Fe2.30	Fe3.14466	2.89557
Fe5.10045	Fe5.10625	2.8955
Fe2.1708	Fe5.13758	2.8954
Fe7.1676	Fe8.9678	2.89508
Fe5.4709	Fe7.7282	2.89479
Fe1.13432	Fe3.14240	2.89467
Fe3.962	Fe8.7260	2.89465
Fe3.3455	Fe3.4738	2.89442
Fe1.10258	Fe3.13822	2.89439
Fe1.8631	Fe3.7062	2.89436
Fe5.6169	Fe5.7819	2.89418
Fe5.1744	Fe5.14111	2.89416
Fe4.3476	Fe8.10606	2.89392
Fe5.3942	Fe6.4246	2.89383
Fe2.8253	Fe4.11575	2.89372
Fe5.8013	Fe8.4611	2.89337
Fe1.14343	Fe3.2186	2.89335
Fe5.14381	Fe7.11612	2.89317
Fe1.3662	Fe1.9512	2.89303
Fe1.6631	Fe7.555	2.89293
Fe1.4989	Fe2.9533	2.89289
Fe4.9259	Fe7.4001	2.89272
Fe2.6237	Fe8.7099	2.89268
Fe2.9881	Fe3.12238	2.89261
Fe6.3278	Fe7.5192	2.89259
Fe2.10587	Fe4.12361	2.89243
Fe1.402	Fe7.1561	2.89234
Fe5.10735	Fe6.11303	2.89212
Fe3.4573	Fe6.5390	2.89179
Fe5.93	Fe5.4228	2.89179
Fe6.3170	Hic.scaffold.9.227	2.89179
Fe3.6143	Fe6.9598	2.89171
Fe1.5103	Fe8.9130	2.89158
Fe2.9280	Hic.scaffold.13.13	2.88708
Fe2.2307	Fe7.813	2.88707
Fe3.12016	Fe6.3049	2.88676
Fe2.1521	Fe7.6703	2.88668
Fe6.6059	Fe8.6984	2.88611
Fe3.67	Fe5.67	2.88517
Fe3.6104	Fe3.10342	2.88481
Fe3.12243	Fe5.13766	2.88473
Fe2.7614	Fe6.7362	2.88456
Fe7.1106	Hic.scaffold.9.334	2.8845
Fe1.10243	Fe3.8743	2.88446
Fe3.12055	Fe4.5702	2.88419
Fe1.10752	Fe3.12983	2.88404
Ft3.3691	Ft7.1093	2.8781
Ft3.4352	Ft6.2435	2.87772
Ft4.245	Ft6.2362	2.87715
Ft2.6513	Ft6.3447	2.8769
Ft2.6187	Ft6.1321	2.87687
Ft4.2883	Ft4.5476	2.87655
Ft2.3087	Ft8.221	2.87645
Ft1.2708	Ft8.1372	2.8763
Ft3.1470	Ft4.6047	2.87604
Ft1.2804	Ft5.374	2.87591
Ft2.5986	Ft8.1559	2.87574
Ft2.6534	Ft7.526	2.87574
Ft2.5005	Ft3.2497	2.87548
Ft3.5125	Ft5.2966	2.87537
Ft3.2149	Ft8.426	2.87533
Ft2.4523	Ft3.168	2.87518
Ft3.4817	Ft7.3087	2.87425
Ft2.5775	Ft6.1199	2.8741
Ft2.4567	Ft7.2942	2.87352
Ft3.2251	Ft7.4893	2.87303
Ft4.992	Ft4.3930	2.87289
Ft3.4518	Ft7.2454	2.87257
Ft5.426	Ft5.1101	2.87193
Ft6.1510	Ft7.3004	2.8719
Ft2.5805	Ft3.5475	2.8717
Ft3.5583	Ft4.817	2.87147
Ft2.5988	Ft3.5689	2.87146
Ft2.6433	Ft7.2993	2.87137
Ft3.574	Ft3.1812	2.8703
Ft3.4654	Ft5.376	2.87023
Ft1.2721	Ft6.889	2.87002
Ft3.2437	Ft8.2783	2.86999
Ft1.865	Ft6.1345	2.86962
Ft2.180	Ft8.225	2.86962
Ft1.2834	Ft5.1074	2.86924
Ft3.643	Ft6.3333	2.86921
Ft2.866	Ft3.1055	2.86896
Ft2.3309	Ft7.1106	2.86876
Ft6.3357	Ft8.1898	2.86867
Ft3.864	Ft3.2422	2.86817
Ft2.2712	Ft2.4009	2.86812
Ft1.1460	Ft5.1750	2.86779
Ft4.5458	Ft5.414	2.86767
Ft2.2984	Ft8.3478	2.86766
Ft2.1843	Ft8.1649	2.86699
Ft2.2096	Ft7.4892	2.86698
Ft2.671	Ft2.4120	2.86669
Ft3.3709	Ft4.1877	2.8664
Ft2.3019	Ft4.4556	2.86608
Ft1.341	Ft7.957	2.86607
Ft4.1074	Ft6.2192	2.86577
Ft1.343	Ft2.6265	2.86498
Ft2.470	Ft4.426	2.86458
Ft6.2435	Ft6.3468	2.86437
Ft2.3914	Ft5.373	2.86343

Fe3.7370	Fe4.3795	2.88396
Fe1.9262	Fe3.2831	2.88371
Fe4.11774	Fe7.3780	2.88353
Fe1.2248	Fe3.11960	2.88352
Fe2.11843	Fe4.13484	2.88314
Fe1.10489	Fe7.11880	2.88313
Fe5.13520	Hic.scaffold.9.745	2.88247
Fe2.11940	Fe6.10767	2.88246
Fe1.4499	Fe3.2939	2.88236
Fe2.12991	Fe4.13829	2.88231
Fe4.13452	Fe7.4329	2.88221
Fe1.2109	Fe4.11650	2.88165
Fe5.2925	Fe8.11449	2.8814
Fe2.1132	Fe3.3349	2.88138
Fe4.9484	Fe6.10778	2.88137
Fe5.12268	Fe7.1793	2.88132
Fe3.4084	Fe7.7359	2.8813
Fe2.3666	Fe4.2144	2.88127
Fe6.3212	Fe7.12785	2.88104
Fe4.5908	Fe7.3633	2.88092
Fe5.3009	Fe5.12302	2.8809
Fe3.962	Fe8.10892	2.88056
Fe8.10621	Hic.scaffold.11.138	2.88023
Fe3.1191	Fe5.1794	2.88
Fe7.3082	Fe8.9958	2.87984
Fe6.1801	Hic.scaffold.9.411	2.87889
Fe1.1426	Fe4.8674	2.87887
Fe4.8674	Fe6.9405	2.87887
Fe4.703	Fe7.5893	2.87865
Fe4.5885	Fe7.6855	2.87846
Fe1.4840	Fe5.12867	2.87766
Fe3.9695	Fe7.11634	2.8776
Fe6.11438	Hic.scaffold.9.229	2.87747
Fe2.9278	Fe5.1326	2.87737
Fe3.12287	Fe4.10349	2.87729
Fe2.7669	Fe2.11374	2.87709
Fe2.2713	Fe6.3028	2.87704
Fe6.5135	Fe8.1555	2.87675
Fe2.211	Fe6.1821	2.87656
Fe3.3358	Fe8.7183	2.87631
Fe4.10759	Fe6.6229	2.8761
Fe2.13260	Fe3.13527	2.87601
Fe7.11857	Fe8.5108	2.87572
Fe1.13116	Fe2.9280	2.87557
Fe4.14205	Fe6.560	2.87557
Fe7.136	Fe7.813	2.87547
Fe4.179	Fe6.1234	2.87541
Fe4.3215	Fe4.13209	2.85407
Fe4.11499	Fe5.6213	2.85396
Fe5.1923	Fe6.12192	2.85381
Fe7.1609	Fe8.9714	2.85307
Fe1.13980	Fe2.13420	2.85295
Fe5.1127	Fe6.11449	2.85262
Fe1.9338	Fe5.8632	2.85225
Fe4.13561	Fe8.12209	2.85219
Ft2.2984	Ft8.1253	2.86325
Ft2.3075	Ft7.2456	2.86313
Ft3.4991	Ft8.3192	2.863
Ft3.5296	Ft7.3084	2.86283
Ft3.5642	Ft8.4577	2.86253
Ft6.697	Ft7.302	2.86246
Ft4.474	Ft8.2994	2.8621
Ft2.4085	Ft3.665	2.86125
Ft3.4484	Ft7.4952	2.86069
Ft2.5081	Ft2.6199	2.8606
Ft4.2081	Ft8.1638	2.86028
Ft3.693	Ft5.2362	2.8602
Ft5.1560	Ft8.4299	2.85923
Ft4.3666	Ft6.17	2.85894
Ft2.4883	Ft8.4016	2.85881
Ft2.6398	Ft5.2670	2.85863
Ft3.4121	Ft8.3294	2.85825
Ft5.337	Ft5.1054	2.8582
Ft3.995	Ft5.730	2.85812
Ft2.5740	Ft3.1907	2.85811
Ft3.2510	Ft7.2947	2.85721
Ft2.5665	Ft4.5945	2.85691
Ft1.2553	Ft6.30	2.85657
Ft2.6599	Ft5.662	2.85634
Ft1.2085	Ft4.3421	2.8558
Ft4.818	Ft8.1269	2.85579
Ft2.1627	Ft7.3064	2.85557
Ft2.2522	Ft8.1933	2.85516
Ft3.1790	Ft5.2824	2.8551
Ft1.1983	Ft4.3508	2.85496
Ft3.3404	Ft7.1342	2.85475
Ft5.1037	Ft8.1344	2.85471
Ft4.1833	Ft7.3075	2.85467
Ft2.652	Ft3.1609	2.85336
Ft3.5628	Ft4.5240	2.85301
Ft3.5707	Ft8.4561	2.85265
Ft1.1867	Ft7.3724	2.85246
Ft2.3494	Ft8.4681	2.8517
Ft4.4816	Ft6.76	2.8515
Ft2.6243	Ft2.6487	2.85129
Ft6.2786	Ft7.3009	2.85129
Ft3.635	Ft5.545	2.85097
Ft5.414	Ft6.87	2.85058
Ft3.4377	Ft8.2875	2.85039
Ft1.853	Ft2.6169	2.85036
Ft6.87	Ft8.1271	2.85027
Ft2.3664	Ft5.2998	2.85024
Ft3.2776	Ft7.3064	2.85021
Ft5.750	Ft5.2098	2.85009
Ft2.189	Ft2.4297	2.84973
Ft2.660	Ft2.2156	2.84871
Ft2.2685	Ft4.15	2.84858
Ft6.3299	Ft7.2477	2.84825
Ft4.774	Ft8.3918	2.84815
Ft5.381	Ft5.750	2.84803

Fe2.5038	Fe2.5551	2.85179	Ft3.1305	Ft6.2492	2.84776
Fe2.9470	Fe3.6607	2.85176	Ft3.879	Ft7.393	2.84671
Fe2.1050	Fe6.1251	2.85172	Ft2.3026	Ft8.2080	2.84661
Fe3.13815	Fe8.9413	2.85157	Ft7.800	Ft8.1284	2.84619
Fe2.11744	Fe8.10733	2.8512	Ft2.2856	Ft4.726	2.846
Fe2.2521	Fe3.6264	2.8512	Ft1.1440	Ft5.2782	2.84593
Fe3.12287	Fe4.3462	2.85087	Ft3.2884	Ft4.3412	2.84526
Fe2.13425	Fe4.794	2.85049	Ft2.367	Ft5.956	2.84435
Fe3.13572	Fe8.9943	2.85027	Ft3.1013	Ft7.3941	2.84371
Fe1.14019	Fe8.3738	2.84959	Ft2.5525	Ft6.1307	2.84361
Fe4.1107	Fe8.10673	2.84956	Ft3.1071	Ft7.4915	2.84343
Fe4.10804	Fe5.3310	2.84911	Ft1.91	Ft2.6599	2.84337
Fe2.3872	Fe4.11942	2.84904	Ft8.271	Ft8.741	2.84287
Fe2.5099	Fe6.85	2.84896	Ft2.1087	Ft7.3906	2.8427
Fe1.13768	Fe2.3450	2.84871	Ft4.362	Ft6.2173	2.84172
Fe5.1473	Fe7.3419	2.84831	Ft2.6024	Ft8.3145	2.84155
Fe5.4264	Fe8.7737	2.84819	Ft3.3748	Ft8.3160	2.84112
Fe5.1194	Hic.scaffold.9.29	2.84817	Ft1.1183	Ft7.3415	2.84048
Fe5.9080	Fe6.5733	2.84793	Ft7.151	Ft8.159	2.84044
Fe1.12916	Fe2.9387	2.84784	Ft2.2681	Ft4.3838	2.84025
Fe3.6377	Fe4.8900	2.84763	Ft2.4967	Ft4.5614	2.83992
Fe3.7633	Fe7.13172	2.8476	Ft1.2740	Ft6.2057	2.83965
Fe2.4886	Fe3.5763	2.84705	Ft1.532	Ft1.857	2.83947
Fe2.2634	Fe2.3749	2.84681	Ft3.1342	Ft7.695	2.83945
Fe4.10214	Fe8.4075	2.84665	Ft2.2886	Ft8.3843	2.83933
Fe1.6520	Fe4.3104	2.84631	Ft2.892	Ft3.2025	2.83923
Fe1.12032	Fe5.3750	2.84612	Ft2.1073	Ft6.1952	2.83895
Fe1.10459	Fe4.11777	2.84596	Ft6.652	Ft7.419	2.83893
Fe4.4961	Fe4.14199	2.84575	Ft2.6010	Ft8.2910	2.83873
Fe3.1794	Fe4.657	2.84562	Ft2.6312	Ft4.5647	2.83859
Fe2.9729	Fe5.13455	2.84553	Ft2.2692	Ft7.2036	2.83833
Fe1.9532	Fe3.9062	2.84534	Ft7.3378	Ft7.5265	2.83813
Fe3.12283	Fe8.10722	2.84534	Ft1.385	Ft4.558	2.83807
Fe2.11504	Fe8.2683	2.84517	Ft2.407	Ft7.1019	2.83804
Fe1.8925	Fe7.585	2.84494	Ft3.894	Ft7.3107	2.83756
Fe1.7830	Fe8.503	2.8448	Ft5.665	Ft6.1330	2.83735
Fe2.486	Fe4.12214	2.84451	Ft8.3788	Ft8.4144	2.83709
Fe1.9243	Fe2.11595	2.84429	Ft2.5467	Ft5.703	2.83703
Fe3.14022	Fe6.10767	2.84359	Ft3.4372	Ft7.3046	2.83657
Fe2.9533	Fe7.7282	2.843	Ft5.750	Ft5.1347	2.83634
Fe2.1154	Fe6.3615	2.84296	Ft2.6010	Ft8.3503	2.83596
Fe4.2165	Fe6.5458	2.84273	Ft1.692	Ft7.381	2.83549
Fe4.10540	Fe8.11145	2.84264	Ft3.1799	Ft5.2835	2.83527
Fe2.2520	Fe6.9328	2.84208	Ft4.5483	Ft6.1130	2.83516
Fe2.3113	Hic.scaffold.9.185	2.84188	Ft3.2658	Ft6.589	2.83515
Fe2.13799	Fe8.9669	2.8417	Ft5.750	Ft6.2834	2.83515
Fe4.82	Fe7.11096	2.84163	Ft2.2984	Ft7.1879	2.83496
Fe3.4362	Fe7.3633	2.84161	Ft2.6497	Ft4.2201	2.83456
Fe4.2846	Fe4.5960	2.84151	Ft1.100	Ft1.1035	2.83433
Fe6.2941	Fe8.8152	2.84133	Ft2.4593	Ft8.3328	2.83336
Fe2.2693	Fe3.9283	2.84114	Ft4.3079	Ft8.703	2.8322
Fe3.14022	Fe3.14520	2.84109	Ft7.1016	Ft8.2612	2.83174
Fe7.7223	Fe8.6984	2.84084	Ft3.1356	Ft4.1917	2.83134
Fe1.2602	Fe2.3554	2.84079	Ft2.6408	Ft3.1398	2.83097
Fe5.4972	Fe6.5867	2.84077	Ft1.394	Ft2.6011	2.83041

Fe7.169	Fe8.8351	2.84066
Fe3.3279	Fe7.11151	2.84045
Fe4.2989	Fe7.3777	2.84043
Fe1.9943	Fe7.12641	2.84031
Fe1.11818	Fe3.6640	2.83975
Fe3.5724	Fe5.1668	2.83973
Fe5.1561	Hic.scaffold.12.122	2.8392
Fe1.8902	Fe8.2639	2.83913
Fe2.839	Fe8.503	2.83905
Fe3.8790	Fe5.1207	2.83819
Fe5.3876	Fe6.11551	2.8381
Fe7.8090	Fe7.11598	2.83805
Fe1.10153	Fe7.9955	2.83754
Fe1.14627	Fe8.11887	2.83754
Fe4.2048	Fe8.10998	2.83734
Fe2.4687	Fe7.11189	2.83731
Fe8.10582	Hic.scaffold.11.87	2.83729
Fe6.5746	Hic.scaffold.13.288	2.83713
Fe5.3188	Fe6.5989	2.83688
Fe4.12246	Fe7.3639	2.83671
Fe3.4465	Fe4.8877	2.8365
Fe1.7392	Fe3.12036	2.83644
Fe4.7275	Fe6.6339	2.83634
Fe7.5672	Fe7.8447	2.83632
Fe1.12041	Fe4.13419	2.83629
Fe2.269	Fe8.10085	2.83622
Fe3.2207	Fe7.13190	2.83618
Fe2.2379	Fe4.9358	2.8361
Fe2.12892	Fe5.12791	2.83603
Fe6.10249	Fe7.12938	2.83592
Fe4.8731	Fe7.3385	2.83567
Fe4.10331	Fe5.5522	2.83566
Fe2.7407	Fe3.12243	2.83548
Fe4.2137	Fe5.3186	2.83544
Fe4.13423	Fe5.12913	2.83533
Fe3.6968	Fe7.11394	2.83529
Fe4.2374	Fe7.10019	2.83492
Fe2.13613	Fe4.2846	2.83473
Fe3.3826	Fe6.10704	2.83461
Fe4.5602	Fe5.3736	2.83429
Fe4.3037	Fe4.10558	2.83421
Fe7.1094	Hic.scaffold.13.177	2.83406
Fe5.9474	Fe6.6281	2.83399
Fe2.11931	Hic.scaffold.9.444	2.83386
Fe3.3676	Fe7.3651	2.83373
Fe3.806	Fe6.10377	2.83371
Fe3.389	Fe8.11826	2.83358
Fe4.1808	Fe5.3635	2.83334
Fe4.1687	Fe5.13129	2.8332
Fe1.10099	Fe3.12000	2.83318
Fe3.3705	Fe7.8090	2.83304
Fe3.5420	Fe7.5994	2.83255
Fe3.9904	Fe3.13544	2.8322
Fe1.5766	Fe4.5775	2.83128
Fe6.5364	Fe7.7282	2.83128
Ft1.2404	Ft3.4625	2.83001
Ft6.1882	Ft6.2826	2.82966
Ft2.867	Ft4.3191	2.8295
Ft1.2553	Ft2.6594	2.82939
Ft8.271	Ft8.1762	2.82934
Ft7.2996	Ft7.4161	2.82905
Ft1.1390	Ft7.2870	2.82877
Ft2.5639	Ft4.191	2.82843
Ft5.633	Ft8.3015	2.82765
Ft7.4809	Ft7.5149	2.82698
Ft2.1501	Ft8.3434	2.82657
Ft4.2880	Ft8.1753	2.82638
Ft4.2147	Ft8.5218	2.82606
Ft2.4588	Ft6.1877	2.82602
Ft2.1803	Ft8.3281	2.8257
Ft4.5416	Ft7.4800	2.82568
Ft3.554	Ft7.4835	2.82565
Ft5.750	Ft6.1241	2.82555
Ft7.1068	Ft8.3577	2.8255
Ft2.2667	Ft2.6414	2.82504
Ft3.1877	Ft7.4834	2.82461
Ft2.972	Ft8.165	2.82455
Ft4.4940	Ft7.1068	2.82437
Ft7.1184	Ft7.1421	2.82437
Ft2.15	Ft6.441	2.824
Ft2.3203	Ft2.4632	2.82338
Ft4.2000	Ft8.2788	2.8233
Ft1.2347	Ft2.6654	2.82248
Ft2.4187	Ft3.5636	2.8209
Ft8.1530	Ft8.1724	2.82087
Ft1.2900	Ft8.2633	2.82046
Ft7.649	Ft8.1649	2.82021
Ft3.1047	Ft5.665	2.81977
Ft3.1663	Ft6.1998	2.81976
Ft3.1398	Ft4.1917	2.81944
Ft2.6555	Ft7.4835	2.81917
Ft1.1149	Ft2.4782	2.81902
Ft7.799	Ft7.2760	2.81894
Ft6.2424	Ft7.4720	2.81845
Ft3.1333	Ft6.1886	2.81839
Ft3.1156	Ft3.2465	2.81834
Ft3.1185	Ft6.2900	2.81833
Ft4.3789	Ft6.578	2.81833
Ft2.3215	Ft7.2942	2.8181
Ft3.158	Ft3.2025	2.81806
Ft6.1105	Ft7.3049	2.81711
Ft2.4596	Ft3.2450	2.81686
Ft4.4880	Ft7.371	2.81663
Ft2.353	Ft4.5401	2.81618
Ft3.2022	Ft6.2093	2.81596
Ft4.5904	Ft7.2774	2.81596
Ft1.706	Ft3.5337	2.81591
Ft1.1868	Ft2.3127	2.81587
Ft2.3494	Ft2.5685	2.81499
Ft6.3452	Ft7.4842	2.81478

Fe4.2989	Fe8.11464	2.83111	Ft5.406	Ft5.1100	2.81476
Fe3.7889	Fe5.11697	2.83109	Ft3.2879	Ft3.4727	2.81442
Fe4.3873	Hic.scaffold.14.24	2.83097	Ft3.1401	Ft8.4175	2.81385
Fe1.13207	Fe3.2953	2.83072	Ft4.6172	Ft7.2686	2.81319
Fe2.4687	Fe5.8782	2.83059	Ft1.2420	Ft2.6249	2.81215
Fe2.1154	Fe2.11618	2.83049	Ft5.1069	Ft8.2963	2.81214
Fe6.2130	Fe7.2725	2.83025	Ft2.2739	Ft6.1251	2.80972
Fe6.4901	Fe7.3826	2.83016	Ft5.830	Ft7.4834	2.8082
Fe4.667	Fe5.4308	2.83002	Ft3.3592	Ft7.2058	2.80798
Fe1.2010	Fe6.3951	2.8299	Ft1.807	Ft5.104	2.80749
Fe1.2025	Fe6.3951	2.8299	Ft4.4668	Ft7.4862	2.80733
Fe4.3762	Fe8.443	2.82884	Ft3.1907	Ft4.2056	2.80697
Fe1.1374	Fe6.10492	2.8285	Ft3.365	Ft4.753	2.80674
Fe3.87	Fe3.1653	2.82834	Ft2.701	Ft3.2021	2.80668
Fe3.14447	Fe7.12932	2.82832	Ft4.26	Ft4.3916	2.80651
Fe6.10748	Fe7.9841	2.82812	Ft4.2977	Ft7.3107	2.80647
Fe2.6426	Fe8.11713	2.8279	Ft2.6261	Ft3.714	2.8057
Fe2.9110	Fe3.14494	2.82774	Ft5.944	Ft6.2508	2.80548
Fe6.8238	Fe8.3178	2.82773	Ft6.760	Ft7.5228	2.80547
Fe2.10764	Fe4.10059	2.82758	Ft2.6077	Ft7.330	2.80514
Fe2.13718	Fe4.2560	2.8273	Ft2.1800	Ft3.4202	2.80497
Fe2.14172	Fe3.14291	2.82701	Ft3.3803	Ft8.4775	2.80463
Fe1.13739	Fe4.13830	2.82683	Ft5.1333	Ft7.4868	2.80453
Fe3.9030	Fe5.11664	2.82682	Ft7.4006	Ft8.424	2.80451
Fe2.8610	Fe6.10421	2.82677	Ft2.4018	Ft7.2475	2.80422
Fe1.7246	Fe5.10931	2.82654	Ft4.2000	Ft6.1513	2.8042
Fe3.1324	Fe8.1627	2.82633	Ft7.459	Ft7.4150	2.80396
Fe7.144	Fe8.10587	2.82629	Ft7.4800	Ft8.3358	2.8035
Fe6.6006	Fe8.1641	2.82626	Ft1.1632	Ft2.6470	2.80302
Fe2.9029	Fe3.14554	2.82621	Ft4.5594	Ft5.644	2.80296
Fe3.7618	Fe3.9974	2.82589	Ft7.3748	Ft7.5143	2.80262
Fe4.676	Fe5.13078	2.82554	Ft4.5622	Ft8.3618	2.80245
Fe3.2962	Fe7.4931	2.82535	Ft1.2812	Ft6.1000	2.80234
Fe2.3554	Fe7.4260	2.82528	Ft8.121	Ft8.2431	2.80217
Fe1.4341	Fe2.4060	2.82527	Ft1.346	Ft5.1231	2.80201
Fe3.5420	Fe4.6338	2.82519	Ft8.227	Ft8.5054	2.8019
Fe2.9533	Fe5.13394	2.82502	Ft7.1399	Ft7.1979	2.80183
Fe2.4889	Fe4.3649	2.82498	Ft2.5161	Ft7.4775	2.8016
Fe5.12087	Fe7.1448	2.82496	Ft7.1150	Ft7.2122	2.80138
Fe7.2523	Fe7.11648	2.82463	Ft3.3014	Ft8.3878	2.80122
Fe1.11196	Fe7.3714	2.82424	Ft6.3358	Ft8.3186	2.801
Fe4.14390	Fe6.728	2.8241	Ft4.853	Ft8.1659	2.80091
Fe2.10633	Fe2.13049	2.82393	Ft2.2221	Ft6.830	2.80048
Fe5.12826	Fe7.3549	2.82392	Ft3.662	Ft6.2876	2.79955
Fe3.5203	Fe6.9150	2.82348	Ft7.4244	Ft8.4159	2.79924
Fe1.14549	Hic.scaffold.9.326	2.82344	Ft1.2367	Ft4.5584	2.79888
Fe4.7855	Fe4.8299	2.82338	Ft2.2376	Ft2.5654	2.79886
Fe5.472	Fe8.7462	2.82301	Ft2.1839	Ft4.3491	2.79849
Fe3.5642	Fe4.8154	2.82253	Ft3.2905	Ft6.1089	2.79818
Fe1.14118	Fe8.10351	2.82133	Ft3.1844	Ft4.5958	2.79774
Fe2.5665	Fe6.5950	2.82095	Ft6.2373	Ft8.2776	2.79723
Fe2.9477	Fe8.7358	2.82087	Ft2.4604	Ft2.6065	2.79671
Fe2.8904	Fe5.3527	2.82053	Ft4.3612	Ft8.4170	2.7965
Fe4.6744	Fe7.689	2.82053	Ft2.6445	Ft8.4230	2.79615
Fe6.5177	Fe7.9262	2.82038	Ft2.3940	Ft7.2999	2.796

Fe5.4624	Fe6.6340	2.82028	Ft3.2041	Ft8.3358	2.7957
Fe3.9103	Fe6.5342	2.82007	Ft3.2437	Ft6.1164	2.79548
Fe6.10261	Fe8.3507	2.81993	Ft3.1014	Ft3.5548	2.79547
Fe5.13081	Fe8.10844	2.81976	Ft3.1907	Ft4.753	2.79541
Fe1.10857	Fe2.4018	2.81964	Ft4.2745	Ft4.2746	2.79538
Fe4.3665	Fe4.11600	2.81963	Ft3.4168	Ft8.2586	2.79506
Fe5.1759	Fe5.12829	2.81928	Ft3.5617	Ft7.1979	2.79498
Fe5.14499	Fe6.4436	2.81908	Ft3.3405	Ft8.1664	2.79488
Fe8.4653	Fe8.7419	2.81897	Ft3.1096	Ft3.3528	2.7948
Fe2.8403	Fe7.12491	2.8188	Ft2.2427	Ft7.927	2.79426
Fe3.5457	Fe7.8473	2.81873	Ft2.4034	Ft4.4844	2.79388
Fe4.7953	Fe6.7084	2.81852	Ft2.3792	Ft3.5474	2.79376
Fe3.226	Fe8.8687	2.81834	Ft8.3667	Ft8.4973	2.79366
Fe3.4485	Fe8.11826	2.8183	Ft3.2055	Ft4.744	2.79341
Fe5.9307	Fe7.1326	2.81828	Ft2.2450	Ft6.933	2.79339
Fe1.12153	Fe3.5749	2.81813	Ft4.98	Ft8.1253	2.7928
Fe1.13369	Fe4.2854	2.81792	Ft2.5896	Ft5.503	2.79257
Fe5.563	Fe8.7697	2.81772	Ft4.2634	Ft7.2733	2.79206
Fe2.13421	Fe4.14180	2.81763	Ft2.6433	Ft7.4720	2.79178
Fe2.11201	Fe8.9671	2.81745	Ft2.6010	Ft3.654	2.79172
Fe2.11442	Fe5.1222	2.81713	Ft6.1044	Ft8.340	2.79158
Fe2.3793	Fe4.3943	2.81711	Ft3.900	Ft6.1419	2.79104
Fe5.12749	Fe6.10845	2.81705	Ft1.557	Ft4.2510	2.79003
Fe1.612	Fe7.1616	2.81697	Ft7.2091	Ft7.3903	2.78994
Fe3.3050	Fe5.2252	2.81696	Ft2.1109	Ft6.1956	2.78941
Fe3.9294	Fe6.10361	2.81695	Ft2.2665	Ft8.1962	2.78936
Fe3.3705	Fe3.5063	2.81674	Ft3.715	Ft7.4877	2.78914
Fe7.118	Fe8.10417	2.81662	Ft3.1008	Ft8.2717	2.78898
Fe1.14286	Fe7.2306	2.81637	Ft2.5354	Ft3.584	2.78886
Fe2.10712	Fe2.14179	2.816	Ft2.4858	Ft2.5846	2.78866
Fe6.9599	Fe8.4550	2.81564	Ft2.2450	Ft2.6331	2.78864
Fe2.11919	Fe8.4018	2.81563	Ft1.1562	Ft8.2139	2.7886
Fe5.2623	Fe8.9500	2.81558	Ft2.2856	Ft8.1722	2.7881
Fe5.10026	Fe6.3718	2.81528	Ft2.6243	Ft3.1241	2.78757
Fe2.5175	Fe8.5413	2.81511	Ft3.4990	Ft7.2724	2.78723
Fe4.2909	Fe8.12109	2.81501	Ft2.5870	Ft5.2649	2.78642
Fe2.493	Fe3.14027	2.81492	Ft2.934	Ft7.466	2.78609
Fe3.1726	Fe5.2950	2.81488	Ft3.2334	Ft7.3369	2.78599
Fe1.12629	Fe4.13561	2.81476	Ft2.1043	Ft3.3577	2.78586
Fe6.9086	Fe7.6703	2.81472	Ft1.336	Ft2.6285	2.78585
Fe2.11663	Fe3.12408	2.81458	Ft4.983	Ft4.2117	2.78585
Fe2.3601	Fe2.11331	2.81437	Ft4.4709	Ft7.4892	2.78564
Fe3.6012	Fe5.9789	2.81413	Ft4.3532	Ft8.4110	2.78501
Fe6.755	Fe8.1859	2.81364	Ft7.2376	Ft8.3694	2.78485
Fe3.6377	Fe6.9817	2.81359	Ft4.1033	Ft5.1610	2.78482
Fe4.6000	Fe6.5364	2.81343	Ft5.1003	Ft6.2337	2.7848
Fe3.8743	Fe5.8230	2.81323	Ft7.500	Ft7.1860	2.78446
Fe7.514	Fe7.5642	2.81311	Ft3.909	Ft8.4948	2.78421
Fe1.14429	Fe2.12742	2.81309	Ft3.4301	Ft8.106	2.7838
Fe1.14438	Fe3.2026	2.81302	Ft4.3841	Ft6.3202	2.78366
Fe1.10449	Fe6.2236	2.8127	Ft2.421	Ft4.1899	2.7831
Fe2.10726	Fe4.10774	2.81266	Ft2.5249	Ft3.4196	2.78307
Fe4.13780	Fe7.358	2.81257	Ft7.3943	Ft8.3294	2.78297
Fe4.5424	Fe6.6059	2.8125	Ft3.2018	Ft7.434	2.78268
Fe5.11765	Fe7.3651	2.81241	Ft2.4506	Ft3.4837	2.78258

Fe2.9386	Fe5.2852	2.81205	Ft2.1098	Ft2.3949	2.782
Fe2.9278	Fe3.1015	2.81198	Ft1.2638	Ft5.465	2.78175
Fe2.13145	Fe5.1629	2.81196	Ft2.4624	Ft6.3299	2.78169
Fe2.299	Hic.scaffold.10.403	2.81144	Ft5.405	Ft6.1651	2.78147
Fe2.8309	Fe4.4956	2.81139	Ft1.202	Ft1.1506	2.78137
Fe1.11714	Fe3.172	2.81137	Ft1.2765	Ft4.1170	2.78112
Fe1.3213	Fe4.13681	2.81129	Ft2.5972	Ft2.6166	2.78087
Fe6.2195	Fe6.11417	2.8112	Ft7.695	Ft8.4341	2.78082
Fe3.417	Fe5.12901	2.81111	Ft7.4835	Ft7.4880	2.78072
Fe5.3790	Fe8.6392	2.81104	Ft4.2828	Ft4.3929	2.78069
Fe7.11567	Fe8.9546	2.81094	Ft2.4425	Ft2.4672	2.78068
Fe6.11369	Fe8.6652	2.81082	Ft3.600	Ft6.697	2.78011
Fe6.5269	Fe7.10000	2.81072	Ft2.2739	Ft3.1046	2.77974
Fe6.4417	Fe8.7694	2.81058	Ft7.2956	Ft7.4976	2.77972
Fe3.13541	Fe5.10685	2.8105	Ft2.4622	Ft2.6303	2.77971
Fe3.4973	Fe6.3131	2.81001	Ft5.2580	Ft7.452	2.77916
Fe4.3031	Fe6.9150	2.80997	Ft4.4568	Ft5.2043	2.77903
Fe1.5992	Fe8.10937	2.80981	Ft3.1060	Ft8.1638	2.77882
Fe2.3229	Fe8.9151	2.80974	Ft1.1907	Ft4.3373	2.77848
Fe7.434	Hic.scaffold.10.380	2.80961	Ft2.6424	Ft3.99	2.7782
Fe3.4422	Fe4.5755	2.80931	Ft7.2775	Ft8.803	2.77795
Fe1.3793	Fe6.5583	2.80901	Ft1.779	Ft5.2365	2.77786
Fe2.11950	Fe6.250	2.80898	Ft4.4960	Ft8.1987	2.77753
Fe3.10090	Fe6.87	2.80869	Ft5.1565	Ft8.4326	2.77735
Fe2.14249	Fe4.2989	2.80845	Ft2.3127	Ft8.2125	2.77679
Fe2.9533	Fe6.4340	2.80794	Ft4.3671	Ft5.2059	2.77671
Fe3.7835	Fe7.5938	2.80788	Ft5.735	Ft6.536	2.77667
Fe3.6199	Fe3.8580	2.80737	Ft7.996	Ft8.3626	2.77615
Fe2.11387	Fe8.5255	2.80736	Ft1.2404	Ft2.4272	2.77608
Fe4.5821	Fe7.757	2.80693	Ft2.638	Ft6.1963	2.7759
Fe1.1888	Fe4.11874	2.80586	Ft5.130	Ft5.625	2.77587
Fe3.8162	Fe7.3071	2.80579	Ft1.759	Ft5.171	2.77558
Fe1.11191	Fe6.7446	2.80573	Ft2.6455	Ft7.920	2.77491
Fe2.12012	Fe6.11009	2.80544	Ft4.6037	Ft5.35	2.7743
Fe6.10915	Fe7.1755	2.80541	Ft2.257	Ft3.1485	2.77416
Fe5.13426	Fe8.9130	2.80499	Ft3.2424	Ft4.1877	2.77414
Fe2.3740	Fe8.3444	2.80471	Ft7.4862	Ft8.3196	2.77395
Fe2.13777	Fe8.11536	2.8046	Ft1.2341	Ft2.6336	2.7738
Fe4.5702	Fe5.7545	2.8046	Ft1.1874	Ft7.5211	2.77374
Fe6.6339	Fe7.6232	2.8046	Ft1.2948	Ft3.486	2.77323
Fe3.14072	Fe8.3634	2.80453	Ft2.2583	Ft7.1093	2.77273
Fe4.1644	Fe8.903	2.80446	Ft3.2263	Ft3.5333	2.77215
Fe1.7406	Fe7.2954	2.80443	Ft2.6129	Ft7.539	2.77145
Fe3.7835	Fe5.1928	2.80441	Ft3.488	Ft4.2232	2.77114
Fe2.10750	Fe4.14147	2.8044	Ft3.2855	Ft4.5960	2.77103
Fe1.9404	Fe8.4080	2.80422	Ft3.4639	Ft4.5428	2.77035
Fe1.11191	Fe5.734	2.80411	Ft5.1053	Ft7.2533	2.77034
Fe2.5037	Fe6.6672	2.80362	Ft3.554	Ft6.1478	2.77022
Fe2.8980	Fe6.9180	2.80358	Ft4.2570	Ft8.492	2.77015
Fe1.13884	Fe7.1098	2.80355	Ft3.5354	Ft5.3003	2.7697
Fe8.5521	Fe8.11425	2.80343	Ft3.3650	Ft8.313	2.76942
Fe2.4702	Fe3.9363	2.80279	Ft4.6174	Ft7.2493	2.76919
Fe2.2713	Fe5.8240	2.80277	Ft3.2437	Ft8.313	2.76902
Fe1.14482	Fe3.8694	2.8024	Ft4.1199	Ft7.2736	2.76882
Fe2.359	Fe2.2964	2.80237	Ft2.5869	Ft4.943	2.76865

Fe1.14279	Fe2.11200	2.80208	Ft2.4657	Ft2.6601	2.76858
Fe1.2609	Fe4.11138	2.80181	Ft2.918	Ft4.4094	2.76855
Fe2.8048	Fe3.2397	2.8018	Ft2.6398	Ft4.4709	2.76848
Fe3.3377	Fe7.11558	2.80167	Ft5.626	Ft6.2350	2.76814
Fe2.2577	Fe4.11728	2.80119	Ft4.829	Ft4.1691	2.7681
Fe3.3980	Fe6.1231	2.80086	Ft7.4765	Ft8.307	2.76766
Fe2.13492	Fe6.4478	2.8008	Ft1.1891	Ft2.4732	2.76763
Fe6.2334	Fe6.10824	2.80027	Ft6.2357	Ft6.3328	2.76711
Fe6.5364	Fe7.7710	2.79979	Ft1.2763	Ft8.442	2.76678
Fe4.12730	Fe6.5447	2.79977	Ft3.654	Ft6.680	2.76653
Fe5.12722	Fe7.7065	2.79955	Ft1.118	Ft7.414	2.76639
Fe3.8790	Fe5.11428	2.7994	Ft1.872	Ft5.750	2.76639
Fe4.3053	Fe5.3438	2.79932	Ft1.2402	Ft3.1870	2.76503
Fe2.2590	Fe6.5336	2.79918	Ft2.2854	Ft4.5592	2.76499
Fe1.14440	Fe3.4111	2.79904	Ft1.1549	Ft7.5082	2.76493
Fe1.12699	Fe5.2061	2.79888	Ft5.608	Ft7.4843	2.76448
Fe2.7868	Fe6.3433	2.79859	Ft1.32	Ft1.1725	2.76426
Fe2.7868	Fe4.9937	2.79828	Ft3.1072	Ft8.1253	2.76359
Fe5.11767	Fe7.244	2.79822	Ft2.2830	Ft4.686	2.7634
Fe3.12229	Fe4.3924	2.79808	Ft7.2149	Ft8.2581	2.76313
Fe3.6690	Fe4.3884	2.79742	Ft3.334	Ft8.4455	2.76282
Fe4.5732	Fe8.7414	2.7972	Ft2.3087	Ft4.2108	2.76276
Fe5.13928	Fe8.878	2.79711	Ft2.5316	Ft4.1286	2.76246
Fe5.13081	Hic.scaffold.9.340	2.79709	Ft1.1698	Ft7.5252	2.76193
Fe3.9363	Fe8.5307	2.79705	Ft2.2662	Ft3.919	2.7616
Fe2.12812	Fe3.13964	2.79699	Ft2.4496	Ft5.455	2.76127
Fe5.12212	Fe8.7096	2.79696	Ft2.6120	Ft5.2627	2.76091
Fe3.7638	Fe4.8274	2.79692	Ft2.6143	Ft8.3681	2.7608
Fe1.6557	Fe4.8749	2.79651	Ft2.3617	Ft6.3420	2.76058
Fe3.2455	Fe4.2874	2.79649	Ft2.3849	Ft6.2037	2.76041
Fe1.9278	Fe2.4820	2.79638	Ft4.956	Ft6.5	2.76039
Fe1.3575	Hic.scaffold.10.373	2.79624	Ft5.649	Ft5.2693	2.75992
Fe6.3571	Fe8.10053	2.79619	Ft3.1305	Ft7.1026	2.75984
Fe1.10955	Fe3.2319	2.7958	Ft4.97	Ft8.1456	2.75968
Fe4.10430	Fe5.6472	2.79579	Ft2.467	Ft7.2222	2.75913
Fe6.11009	Fe8.9772	2.79554	Ft3.1011	Ft8.338	2.75877
Fe4.2691	Fe4.14224	2.79553	Ft3.1810	Ft5.31	2.75855
Fe3.2840	Fe4.6000	2.79539	Ft3.446	Ft6.1164	2.75834
Fe2.13793	Fe2.14158	2.79515	Ft3.1305	Ft4.4057	2.75791
Fe2.11710	Fe7.3428	2.79513	Ft2.2618	Ft8.307	2.75676
Fe1.499	Fe2.14247	2.79507	Ft2.2667	Ft6.1547	2.75653
Fe7.11516	Fe8.10074	2.79505	Ft2.1274	Ft7.3087	2.75592
Fe2.13440	Fe6.4408	2.79479	Ft2.2368	Ft4.799	2.75592
Fe2.2835	Fe3.9884	2.7946	Ft4.4753	Ft7.2567	2.75546
Fe3.7896	Fe7.7135	2.79453	Ft8.522	Ft8.4937	2.75533
Fe2.13619	Fe8.11214	2.79439	Ft2.3265	Ft8.569	2.75455
Fe5.3064	Fe8.9763	2.79437	Ft6.2471	Ft8.4330	2.75395
Fe2.10078	Fe8.9519	2.79409	Ft4.3705	Ft6.3317	2.7536
Fe6.2195	Fe8.5702	2.79372	Ft4.5544	Ft5.2826	2.75298
Fe3.8565	Fe4.9515	2.79367	Ft1.2900	Ft2.6460	2.7528
Fe4.9041	Fe6.9665	2.79363	Ft8.169	Ft8.5076	2.75275
Fe4.12192	Fe7.11179	2.79351	Ft3.334	Ft8.163	2.75258
Fe1.9924	Fe3.6012	2.79306	Ft6.1107	Ft6.2715	2.75249
Fe2.11825	Fe4.14510	2.79292	Ft3.611	Ft3.4803	2.75219
Fe2.8263	Fe2.10837	2.79286	Ft7.381	Ft7.1927	2.75178

Fe1.9872	Fe8.2018	2.79278	Ft5.88	Ft5.415	2.75119
Fe6.4889	Fe8.6924	2.79275	Ft1.2785	Ft3.1528	2.75117
Fe2.8018	Fe3.6264	2.79256	Ft7.876	Ft7.3478	2.75082
Fe4.4596	Fe8.7215	2.79214	Ft1.2840	Ft3.4693	2.75071
Fe4.1731	Fe4.3155	2.79162	Ft4.2200	Ft8.2828	2.75025
Fe2.11907	Fe7.1830	2.79153	Ft3.444	Ft4.5421	2.74997
Fe4.14590	Fe8.9892	2.79084	Ft2.3645	Ft3.5301	2.74984
Fe6.2276	Fe8.7417	2.79067	Ft2.439	Ft7.1236	2.74953
Fe4.4607	Fe4.14101	2.79061	Ft3.1125	Ft8.254	2.74942
Fe2.13711	Fe7.434	2.79031	Ft4.1897	Ft5.2623	2.7488
Fe3.8655	Fe5.10735	2.79024	Ft4.1965	Ft8.2828	2.74856
Fe3.9201	Fe8.3914	2.7902	Ft1.45	Ft7.556	2.74841
Fe5.14382	Fe8.10889	2.79011	Ft2.2483	Ft8.1288	2.74739
Fe5.5240	Fe7.6130	2.79007	Ft2.5913	Ft7.4203	2.74722
Fe3.6506	Fe4.3959	2.78996	Ft6.1487	Ft8.3564	2.74685
Fe2.8594	Fe6.11887	2.78994	Ft3.3704	Ft7.1094	2.74681
Fe5.8524	Fe6.11179	2.78931	Ft2.6414	Ft5.364	2.74649
Fe4.1704	Fe7.1599	2.78929	Ft2.2930	Ft8.4528	2.74632
Fe1.2305	Fe1.14088	2.78925	Ft7.3411	Ft7.4055	2.74577
Fe2.10817	Fe2.11198	2.78889	Ft3.1398	Ft6.1939	2.74564
Fe7.1520	Fe8.10956	2.78859	Ft2.824	Ft7.2655	2.74555
Fe4.9493	Fe7.3560	2.78782	Ft2.4169	Ft2.5976	2.74546
Fe5.9005	Fe7.833	2.78773	Ft2.4866	Ft8.4937	2.74509
Fe2.13128	Fe4.12350	2.78767	Ft6.1420	Ft8.3274	2.74507
Fe2.12343	Fe8.9094	2.78741	Ft8.1672	Ft8.2331	2.74486
Fe2.8362	Fe2.10253	2.78683	Ft6.1590	Ft8.1697	2.74467
Fe5.2925	Hic.scaffold.11.87	2.78672	Ft2.5399	Ft6.895	2.74451
Fe1.2654	Fe2.10248	2.78622	Ft4.713	Ft7.433	2.74407
Fe3.9363	Fe5.5020	2.78615	Ft6.3248	Ft8.2828	2.74347
Fe3.14208	Fe8.10726	2.78607	Ft2.5918	Ft4.4854	2.74329
Fe2.13291	Fe6.10835	2.78604	Ft2.110	Ft5.438	2.74293
Fe4.8406	Fe6.3212	2.78574	Ft1.1631	Ft8.2910	2.74281
Fe1.7070	Fe5.5067	2.7854	Ft3.1549	Ft3.2066	2.74222
Fe3.4689	Fe4.8400	2.78531	Ft7.2907	Ft8.1790	2.74211
Fe6.6135	Fe7.7007	2.78518	Ft2.6145	Ft8.4529	2.74159
Fe2.13829	Fe7.905	2.78504	Ft1.1506	Ft3.620	2.74143
Fe4.1731	Fe4.11964	2.78472	Ft6.3203	Ft7.2994	2.74138
Fe4.1165	Fe7.12717	2.78452	Ft2.2736	Ft8.4298	2.74089
Fe1.7702	Fe2.11597	2.78444	Ft2.6230	Ft7.662	2.74043
Fe7.11338	Fe8.8736	2.78417	Ft7.3027	Ft7.4875	2.74024
Fe4.3649	Fe7.2251	2.78403	Ft5.337	Ft8.5253	2.73986
Fe1.4017	Fe8.5256	2.78387	Ft2.2324	Ft2.6069	2.73954
Fe3.8506	Hic.scaffold.9.672	2.7835	Ft4.4150	Ft8.1659	2.73899
Fe5.12386	Fe6.6203	2.78349	Ft5.7	Ft8.3193	2.73892
Fe1.12931	Fe2.11672	2.78344	Ft1.2707	Ft6.3358	2.73883
Fe7.8092	Fe8.7697	2.78334	Ft1.2325	Ft1.2630	2.73855
Fe2.11553	Hic.scaffold.12.129	2.7833	Ft1.2839	Ft5.148	2.73837
Fe1.4499	Fe2.889	2.78321	Ft4.114	Ft7.479	2.73821
Fe5.3834	Fe8.11982	2.78285	Ft2.4858	Ft4.4687	2.73807
Fe3.6147	Fe5.9051	2.78282	Ft3.554	Ft7.4892	2.73781
Fe1.4424	Fe4.1832	2.78265	Ft2.1054	Ft3.1247	2.73778
Fe6.9405	Hic.scaffold.10.252	2.78261	Ft4.5603	Ft7.2599	2.73748
Fe2.10197	Fe6.3096	2.78252	Ft2.3793	Ft3.2282	2.73729
Fe5.10842	Fe7.3633	2.78172	Ft2.3046	Ft3.1398	2.73724
Fe2.4124	Fe7.4446	2.78104	Ft5.1619	Ft6.1277	2.73658

Fe1.3702	Fe4.3665	2.7807
Fe4.2007	Fe8.11074	2.77997
Fe5.10850	Fe7.8090	2.77989
Fe6.5616	Fe7.3724	2.77959
Fe1.13271	Fe8.11417	2.77954
Fe2.11719	Fe3.8641	2.77936
Fe1.9278	Fe4.8228	2.77903
Fe1.9094	Fe7.3267	2.77897
Fe3.5975	Fe5.4473	2.7789
Fe2.10935	Fe8.3444	2.77877
Fe6.3503	Fe6.12230	2.77865
Fe2.12864	Fe3.9126	2.77819
Fe6.9702	Fe7.11467	2.7778
Fe5.10721	Fe7.8048	2.77779
Fe3.9160	Fe3.10632	2.77773
Fe3.9112	Fe6.2918	2.77757
Fe1.12063	Fe7.3724	2.77756
Fe2.12215	Fe6.2865	2.77755
Fe1.10732	Fe2.10615	2.77739
Fe1.9303	Fe6.7806	2.77739
Fe2.3450	Fe4.11942	2.77733
Fe4.13401	Fe8.10253	2.77733
Fe1.5078	Fe5.709	2.77673
Fe1.8898	Fe3.4072	2.77666
Fe2.3454	Fe4.3851	2.77657
Fe2.7900	Fe4.8633	2.77649
Fe6.4355	Fe6.5717	2.77643
Fe5.3537	Fe5.9337	2.77637
Fe3.2895	Fe4.3797	2.77629
Fe2.8236	Fe7.12641	2.77617
Fe4.4003	Hic.scaffold.12.244	2.77603
Fe2.2816	Fe3.6224	2.77598
Fe6.11351	Fe7.1614	2.7759
Fe6.5828	Fe8.5790	2.77581
Fe4.11672	Fe8.4331	2.7758
Fe6.9201	Fe7.3354	2.77575
Fe2.538	Fe2.1186	2.77568
Fe3.7276	Fe8.5702	2.77542
Fe6.7709	Fe7.9227	2.77539
Fe1.7935	Fe1.11407	2.77527
Fe4.2908	Fe8.10746	2.7751
Fe4.7036	Fe5.8328	2.77507
Fe2.8446	Fe6.10958	2.77489
Fe2.9533	Fe2.11655	2.77489
Fe3.1212	Fe6.1072	2.77476
Fe6.1325	Fe6.7547	2.77465
Fe4.3984	Fe5.10675	2.7741
Fe3.7456	Fe6.5447	2.77392
Fe5.2581	Fe6.8334	2.77375
Fe3.8743	Fe7.11459	2.77345
Fe4.3924	Fe5.10742	2.77322
Fe5.12302	Fe7.3162	2.7729
Fe1.3758	Fe6.1081	2.77258
Fe2.2682	Fe8.9641	2.77219
Fe4.11545	Fe5.4059	2.77182
Ft2.6033	Ft3.184	2.7365
Ft5.455	Ft6.2467	2.73591
Ft2.961	Ft4.369	2.73588
Ft4.820	HiC.scaffold.5.225	2.73561
Ft2.5843	Ft4.5520	2.73507
Ft7.3349	Ft8.1705	2.73417
Ft2.4661	Ft7.2377	2.73415
Ft4.2327	Ft7.1096	2.73404
Ft2.364	Ft8.432	2.7339
Ft2.3819	Ft2.6458	2.73385
Ft4.2115	Ft7.2942	2.73384
Ft2.3649	Ft3.5304	2.73298
Ft5.1864	Ft7.4708	2.7319
Ft4.1908	Ft5.2612	2.73132
Ft4.2115	Ft7.2257	2.73091
Ft5.2616	Ft7.4918	2.73088
Ft3.3152	Ft7.1564	2.73058
Ft6.843	Ft8.175	2.73051
Ft2.5445	Ft7.4765	2.72935
Ft2.2590	Ft7.858	2.72914
Ft1.1478	Ft7.354	2.72898
Ft7.612	Ft8.1734	2.72896
Ft4.5728	Ft5.894	2.72885
Ft2.5765	Ft2.6433	2.72864
Ft3.1659	Ft6.2126	2.72843
Ft2.5194	Ft7.1250	2.72836
Ft1.874	Ft1.2727	2.72802
Ft1.1332	Ft4.6156	2.72754
Ft2.176	Ft4.853	2.72719
Ft2.5005	Ft8.1566	2.7268
Ft4.1938	Ft7.475	2.72644
Ft7.505	Ft8.2834	2.72591
Ft3.721	Ft4.222	2.72579
Ft5.2408	Ft6.2953	2.72575
Ft2.2624	Ft3.1858	2.72571
Ft6.694	Ft8.2828	2.72542
Ft2.411	Ft4.444	2.72485
Ft2.4618	Ft4.4142	2.72468
Ft1.2052	Ft4.1710	2.72451
Ft7.4340	Ft8.4365	2.7245
Ft1.616	Ft5.2917	2.72413
Ft3.424	Ft8.4929	2.72397
Ft2.3114	Ft8.4191	2.72275
Ft2.449	Ft2.4618	2.72272
Ft3.2035	Ft4.2828	2.72269
Ft1.2393	Ft4.902	2.7224
Ft4.2935	Ft7.2986	2.72228
Ft7.1955	Ft8.121	2.72227
Ft7.461	Ft7.2320	2.72197
Ft2.5765	Ft4.5544	2.72126
Ft3.698	Ft8.3897	2.72051
Ft2.6058	Ft5.2378	2.72011
Ft3.2793	Ft8.1649	2.71942
Ft2.4916	Ft6.2937	2.7189
Ft4.1876	Ft8.829	2.7187

Fe1.6586	Fe7.3967	2.77176	Ft3.1974	Ft8.2624	2.71846
Fe4.5893	Fe7.11567	2.77163	Ft2.3197	Ft5.885	2.71799
Fe3.13815	Fe5.1116	2.77049	Ft2.4082	Ft7.1726	2.71764
Fe4.1887	Fe5.9898	2.77044	Ft7.3211	Ft8.3878	2.71733
Fe1.13828	Fe4.4102	2.77042	Ft2.6024	Ft7.2733	2.71732
Fe5.9630	Fe6.4533	2.77036	Ft3.1348	Ft4.4366	2.71723
Fe2.616	Fe2.1106	2.77014	Ft1.1631	Ft8.4966	2.71694
Fe1.1024	Fe8.10430	2.76993	Ft2.4248	Ft3.4833	2.71688
Fe7.8104	Fe7.12364	2.76988	Ft3.1963	Ft3.5034	2.71681
Fe6.684	Fe8.10546	2.76967	Ft2.892	Ft3.4671	2.71675
Fe4.3420	Fe6.1878	2.76937	Ft3.1426	Ft4.157	2.7166
Fe7.4318	Fe7.5939	2.76874	Ft7.3022	Ft7.4182	2.71654
Fe4.3884	Fe8.9164	2.76834	Ft3.2018	Ft3.2849	2.71636
Fe6.900	Fe8.10195	2.7682	Ft3.1407	Ft5.2255	2.71613
Fe1.7273	Fe7.8137	2.76812	Ft4.2693	Ft6.2645	2.71581
Fe5.12553	Fe7.1612	2.76803	Ft4.5622	Ft8.153	2.71548
Fe2.11360	Hic.scaffold.9.322	2.76798	Ft4.2935	Ft8.1313	2.71526
Fe8.8673	Hic.scaffold.11.368	2.76776	Ft1.1370	Ft7.4921	2.71525
Fe4.605	Fe6.1736	2.7676	Ft2.3174	Ft7.343	2.71508
Fe4.11900	Fe6.7181	2.76753	Ft7.444	Ft7.1626	2.71476
Fe1.2449	Fe1.10449	2.76748	Ft7.2305	Ft8.501	2.71444
Fe1.8968	Fe1.13135	2.76674	Ft7.3107	Ft8.2639	2.71355
Fe5.1544	Fe6.4533	2.7667	Ft3.152	Ft8.694	2.71319
Fe2.1087	Fe4.12804	2.76652	Ft2.4229	Ft3.1904	2.71302
Fe2.10764	Fe4.483	2.76636	Ft7.2058	Ft7.3840	2.71253
Fe1.1485	Fe7.3651	2.76632	Ft2.6565	Ft4.2100	2.71251
Fe3.10617	Fe4.6000	2.76632	Ft1.320	Ft8.3697	2.71227
Fe1.14182	Fe6.435	2.76619	Ft2.6439	Ft7.3518	2.7122
Fe2.11452	Fe7.11715	2.76581	Ft2.4926	Ft7.369	2.71165
Fe6.839	Fe8.10764	2.76575	Ft1.1506	Ft6.3345	2.71148
Fe2.8546	Fe4.3061	2.76538	Ft3.2731	Ft7.2979	2.71132
Fe6.10287	Fe8.3555	2.7646	Ft2.5722	Ft7.481	2.71116
Fe3.6334	Fe7.12005	2.76457	Ft4.112	Ft5.1739	2.7109
Fe6.2962	Fe7.12503	2.76437	Ft2.4147	Ft3.5599	2.71062
Fe3.5889	Fe4.174	2.76428	Ft4.2706	Ft7.330	2.71019
Fe1.544	Fe4.13816	2.76425	Ft7.2989	Ft8.169	2.71019
Fe1.1268	Fe8.12035	2.7641	Ft3.608	Ft3.1363	2.70996
Fe2.10363	Fe8.9374	2.7638	Ft3.1045	Ft4.5594	2.7097
Fe3.1514	Fe7.1567	2.76363	Ft2.3046	Ft4.3394	2.70935
Fe5.3900	Fe6.3100	2.76351	Ft3.5659	Ft5.2925	2.70925
Fe6.5281	Fe7.6188	2.76335	Ft8.330	Ft8.4997	2.70908
Fe6.3103	Fe6.5364	2.76327	Ft6.2868	Ft8.3385	2.70903
Fe6.1674	Fe7.5800	2.76321	Ft3.1511	Ft8.1405	2.70898
Fe5.93	Fe6.661	2.76298	Ft3.1840	Ft7.4921	2.7082
Fe6.1496	Fe6.2340	2.76297	Ft7.2706	Ft8.3243	2.70813
Fe1.12189	Fe5.2769	2.76265	Ft3.1185	Ft8.3597	2.70809
Fe3.6222	Fe6.4901	2.76238	Ft3.1358	Ft7.2475	2.70795
Fe2.13157	Fe5.12863	2.76209	Ft3.1288	Ft8.211	2.70784
Fe1.9612	Fe7.77	2.76193	Ft4.1925	Ft6.3412	2.70782
Fe2.12302	Fe6.10845	2.76171	Ft3.1275	Ft7.405	2.70741
Fe4.6963	Fe6.8268	2.76139	Ft2.3695	Ft8.1394	2.70656
Fe1.5954	Fe4.5702	2.76128	Ft1.2392	Ft3.1902	2.70651
Fe1.14096	Fe2.12360	2.7611	Ft5.893	Ft6.882	2.70625
Fe2.569	Fe4.14250	2.76093	Ft2.3010	Ft3.720	2.70609
Fe6.9851	Fe8.7362	2.76047	Ft1.2696	Ft6.857	2.70583

Fe1.11818	Fe4.11957	2.76026	Ft2.721	Ft5.1408	2.70558
Fe3.3676	Fe6.9494	2.75988	Ft7.3973	Ft8.3288	2.7051
Fe1.4330	Fe4.2940	2.75985	Ft1.564	Ft1.2468	2.70493
Fe4.2846	Fe6.1366	2.75985	Ft2.997	Ft6.1876	2.70489
Fe6.3691	Fe8.9977	2.75964	Ft2.515	Ft4.4912	2.70477
Fe3.13985	Fe8.10084	2.7596	Ft2.2580	Ft2.6067	2.70475
Fe2.3176	Fe2.10877	2.75954	Ft2.393	Ft4.667	2.70461
Fe4.3649	Fe7.1098	2.75929	Ft2.2025	Ft5.2362	2.70453
Fe5.5936	Fe6.9654	2.75921	Ft2.660	Ft7.799	2.70449
Fe4.1688	Fe6.11933	2.7592	Ft2.5906	Ft5.2917	2.70444
Fe1.11309	Fe6.4889	2.75917	Ft3.422	Ft4.875	2.70381
Fe7.1676	Fe7.2586	2.75876	Ft3.2867	Ft4.757	2.70379
Fe5.3875	Fe5.8045	2.75855	Ft7.3013	Ft7.4741	2.70359
Fe1.4932	Fe4.1577	2.75839	Ft3.928	Ft7.1679	2.70358
Fe2.11631	Fe7.3945	2.75805	Ft3.979	Ft8.452	2.70324
Fe7.2877	Fe7.3937	2.75793	Ft2.2806	Ft3.3569	2.70285
Fe2.4628	Fe2.5285	2.75752	Ft1.1705	Ft5.2016	2.70259
Fe6.815	Fe8.9763	2.75744	Ft2.3388	Ft4.5592	2.70228
Fe5.577	Fe7.689	2.75732	Ft1.291	Ft1.1530	2.70209
Fe5.14486	Fe6.169	2.75719	Ft2.2533	Ft2.3121	2.70207
Fe6.10178	Fe7.9681	2.75713	Ft2.2492	Ft8.3830	2.70195
Fe1.6176	Fe7.4837	2.75705	Ft2.2667	Ft7.5022	2.70194
Fe4.10088	Fe8.4538	2.75678	Ft8.3700	Ft8.4174	2.70184
Fe1.14503	Fe3.4007	2.75672	Ft4.5603	Ft8.4153	2.70095
Fe3.13439	Fe6.5710	2.75666	Ft4.5915	Ft6.2509	2.69971
Fe5.6028	Fe5.7337	2.75653	Ft7.2891	Ft8.1787	2.6995
Fe1.9979	Fe8.5108	2.75632	Ft3.715	Ft4.2899	2.69918
Fe3.8582	Fe5.13317	2.7563	Ft2.4618	Ft7.3754	2.69881
Fe1.10099	Fe4.5969	2.75589	Ft3.3495	Ft8.4561	2.69867
Fe3.9953	Fe6.1474	2.75542	Ft3.1188	Ft7.4862	2.69793
Fe1.3905	Fe1.12699	2.75497	Ft5.1978	Ft7.371	2.69755
Fe2.14146	Fe5.9187	2.75493	Ft2.493	Ft4.3756	2.69744
Fe5.2694	Fe8.9628	2.75433	HiC_scaffold_5_[iC_scaffold_5_19		2.69744
Fe2.8604	Fe7.11805	2.75432	Ft4.1917	Ft8.318	2.69741
Fe4.12246	Fe5.3492	2.75431	Ft2.4604	Ft3.2465	2.69727
Fe2.10318	Fe3.3093	2.75416	Ft4.5626	Ft7.526	2.69709
Fe4.1328	Fe4.1973	2.75392	Ft2.4529	Ft2.6393	2.697
Fe6.6691	Fe8.4076	2.7536	Ft1.2365	Ft6.3252	2.69677
Fe3.9713	Fe7.5054	2.75359	Ft3.4864	Ft8.2140	2.69646
Fe5.14526	Fe7.392	2.75346	Ft4.4798	HiC.scaffold.5.97	2.69635
Fe4.11321	Fe6.8268	2.75325	Ft4.5070	Ft7.4340	2.69601
Fe4.11774	Fe7.9681	2.75301	Ft3.2811	Ft4.3548	2.6959
Fe1.6520	Fe7.5938	2.75274	Ft3.1056	Ft7.4852	2.69565
Fe8.10168	Fe8.11449	2.75268	Ft3.723	Ft4.2934	2.69524
Fe3.11944	Fe6.4901	2.75238	Ft4.4826	Ft6.3418	2.69522
Fe1.3799	Fe3.7896	2.75223	Ft4.2249	Ft6.2645	2.69502
Fe2.10739	Fe3.1514	2.75207	Ft2.867	Ft3.2050	2.69451
Fe6.2780	Fe6.9220	2.75202	Ft1.2727	Ft7.4921	2.6944
Fe6.2384	Fe6.11634	2.75184	Ft3.2437	Ft5.923	2.69383
Fe6.12166	Fe7.12727	2.75166	Ft5.1399	Ft8.5233	2.69376
Fe1.14050	Fe5.1229	2.75136	Ft1.2839	Ft5.632	2.69312
Fe3.2864	Fe8.5307	2.75134	Ft7.4809	Ft8.1559	2.69298
Fe2.2449	Fe3.13579	2.75127	Ft6.1770	Ft8.1937	2.69225
Fe1.10922	Fe7.3846	2.75075	Ft1.1920	Ft3.2668	2.6913
Fe4.2975	Fe4.12361	2.75056	Ft4.786	Ft8.1260	2.69065

Fe1.13430	Fe4.2979	2.75035	Ft1.1763	Ft1.2411	2.69012
Fe1.8246	Fe4.8299	2.75018	Ft2.2984	Ft8.1585	2.68965
Fe5.3009	Fe8.11415	2.75002	Ft3.5555	Ft5.62	2.68965
Fe6.472	Fe7.850	2.74999	Ft2.4222	Ft8.5233	2.68941
Fe3.12287	Fe6.2606	2.74992	Ft2.6478	Ft7.507	2.68921
Fe7.4441	Fe7.6029	2.74978	Ft2.5445	Ft7.4741	2.68877
Fe1.3625	Fe6.9188	2.74974	Ft4.34	Ft7.3091	2.68857
Fe3.7957	Fe5.11700	2.74967	Ft2.5765	Ft2.6092	2.68789
Fe2.13169	Fe3.4105	2.74946	Ft7.2979	Ft8.1619	2.68767
Fe7.7134	Fe7.12126	2.74946	Ft2.2925	Ft7.3066	2.68763
Fe3.9127	Fe8.9318	2.74924	Ft7.3732	Ft8.3797	2.68732
Fe2.11893	Fe6.10682	2.74915	Ft3.2104	Ft3.3530	2.68727
Fe1.960	Fe1.11254	2.74881	Ft2.6071	Ft3.5524	2.68683
Fe4.8333	Fe6.5746	2.74877	Ft3.1426	Ft7.1669	2.6868
Fe4.2190	Fe7.1102	2.74874	Ft2.4230	Ft2.5389	2.68673
Fe4.6127	Fe4.12395	2.74845	Ft7.2992	Ft7.4138	2.68609
Fe2.10248	Fe4.1894	2.74838	Ft3.1426	Ft3.4201	2.68523
Fe6.5102	Fe8.8513	2.74805	Ft2.4024	Ft3.1902	2.6852
Fe2.11631	Fe7.8106	2.74778	Ft5.959	Ft6.2088	2.68496
Fe4.1728	Fe7.7716	2.74764	Ft4.2738	Ft7.2733	2.68489
Fe5.5984	Fe6.5745	2.74738	Ft7.5102	Ft8.2376	2.68485
Fe7.1160	Fe8.5413	2.74737	Ft3.458	Ft4.2297	2.68469
Fe2.7813	Fe8.7135	2.74716	Ft1.638	Ft5.2944	2.68447
Fe6.3944	Fe6.5140	2.74704	Ft1.1069	Ft8.3155	2.68442
Fe1.12095	Fe3.9294	2.74691	Ft1.1331	Ft8.559	2.68391
Fe3.1230	Fe8.6557	2.74677	Ft2.4829	Ft7.2573	2.68378
Fe2.12770	Fe6.11876	2.74671	Ft2.311	Ft4.3023	2.68359
Fe2.14084	Fe8.11307	2.74641	Ft2.6152	Ft7.507	2.6835
Fe7.6359	Fe8.878	2.74631	Ft3.1854	Ft4.804	2.68339
Fe3.6147	Fe4.3649	2.74584	Ft7.4725	Ft7.4918	2.68291
Fe3.5763	Fe8.3866	2.74581	Ft4.313	Ft7.2956	2.68244
Fe6.962	Fe8.8506	2.74511	Ft4.2710	Ft7.750	2.6821
Fe5.13716	Hic.scaffold.10.380	2.74502	Ft2.3444	Ft3.2754	2.68172
Fe3.11944	Fe7.5469	2.74498	Ft8.1324	Ft8.1640	2.67943
Fe4.12804	Fe6.5652	2.74474	Ft2.2460	Ft5.634	2.67839
Fe4.13650	Fe6.10224	2.7447	Ft7.3411	Ft8.1736	2.67821
Fe6.5572	Fe8.3656	2.74451	Ft2.2997	Ft4.5654	2.67794
Fe6.11876	Fe8.878	2.74437	Ft2.3380	Ft7.434	2.67784
Fe5.11700	Fe7.3407	2.74394	Ft4.4033	Ft5.369	2.67775
Fe2.759	Fe7.12784	2.74375	Ft2.4327	Ft4.3816	2.67773
Fe4.14166	Fe7.802	2.74341	Ft7.1342	Ft7.4647	2.67769
Fe2.8511	Fe5.3933	2.74339	Ft4.2738	Ft8.1560	2.67704
Fe4.12361	Fe6.7930	2.74288	Ft1.1713	Ft5.1901	2.67693
Fe2.7735	Fe2.10514	2.7425	Ft3.2724	Ft8.3596	2.67655
Fe2.11940	Fe6.4438	2.74236	Ft8.3542	Ft8.5111	2.6763
Fe2.8065	Hic.scaffold.13.102	2.74185	Ft4.4111	Ft8.1396	2.67593
Fe1.3625	Fe4.7275	2.74178	Ft1.2493	Ft6.1108	2.67575
Fe2.8274	Fe4.5081	2.74172	Ft2.4496	Ft4.3532	2.67566
Fe4.11846	Fe6.2996	2.74147	Ft1.2787	Ft2.4622	2.67484
Fe2.839	Fe8.9719	2.74143	Ft2.439	Ft4.3846	2.67461
Fe3.14236	Fe5.9135	2.74142	Ft7.1669	Ft8.592	2.67452
Fe1.14564	Fe8.10673	2.74136	Ft4.2805	Ft7.2724	2.67442
Fe2.7644	Fe4.7217	2.74133	Ft4.4065	Ft6.3247	2.67442
Fe1.9073	Fe4.3776	2.74118	Ft1.225	Ft6.3328	2.67441
Fe5.1365	Fe7.725	2.74085	Ft3.666	Ft6.671	2.67433

Fe1.11254	Fe3.13875	2.74079	Ft2.6180	Ft8.4957	2.67413
Fe2.11202	Fe2.13784	2.7406	Ft7.1484	Ft8.121	2.67383
Fe3.13899	Fe7.6342	2.74029	Ft7.1711	Ft7.3731	2.67375
Fe2.5091	Fe4.5267	2.74003	Ft8.1661	Ft8.2828	2.67337
Fe1.6325	Fe6.5491	2.73962	Ft3.4383	Ft6.3423	2.67301
Fe4.11728	Fe6.5989	2.73948	Ft2.932	Ft8.153	2.67284
Fe2.10295	Fe8.683	2.73928	Ft1.2419	Ft7.4991	2.67256
Fe3.5533	Fe4.12535	2.73923	Ft2.2030	Ft7.2780	2.67184
Fe7.1777	Fe8.10781	2.73914	Ft3.621	Ft8.4934	2.6716
Fe2.10363	Fe3.6095	2.73906	Ft2.5457	Ft5.1687	2.67157
Fe4.12412	Fe7.13163	2.73896	Ft2.5463	Ft3.5276	2.6712
Fe3.1734	Fe5.2925	2.73887	Ft2.4478	Ft2.4934	2.67076
Fe1.5202	Fe4.3833	2.73865	Ft4.4094	Ft7.3499	2.67072
Fe1.9609	Fe7.74	2.73848	Ft2.3046	Ft7.1938	2.67048
Fe3.5420	Fe7.6295	2.73823	Ft1.2555	Ft5.391	2.67041
Fe2.7809	Fe4.6469	2.73812	Ft2.6176	Ft7.483	2.66947
Fe2.12987	Fe8.10960	2.73784	Ft4.383	Ft4.1925	2.6693
Fe4.11990	Fe7.1503	2.73767	Ft2.889	Ft8.1305	2.66896
Fe7.847	Hic.scaffold.10.380	2.73681	Ft2.5936	Ft2.6654	2.66877
Fe1.507	Fe6.2595	2.73674	Ft2.3973	Ft3.2777	2.66843
Fe2.8594	Fe3.9125	2.7367	Ft4.5614	Ft8.1695	2.6684
Fe2.8850	Fe5.5956	2.73654	Ft6.755	Ft7.5195	2.66784
Fe3.983	Fe6.2830	2.7365	Ft2.6265	Ft7.695	2.6678
Fe2.10940	Fe8.3299	2.7364	Ft2.6437	Ft6.1360	2.66772
Fe2.8446	Fe6.3630	2.73608	Ft3.1252	Ft6.3566	2.66763
Fe1.14621	Fe8.11885	2.73605	Ft6.671	Ft8.1552	2.66762
Fe3.3298	Fe4.2306	2.73565	Ft3.892	Ft7.1625	2.66758
Fe7.6792	Fe8.10070	2.73558	Ft2.6083	Ft8.3739	2.66742
Fe2.8048	Fe8.9627	2.73528	Ft3.3657	Ft8.410	2.6673
Fe4.11160	Fe6.3460	2.73527	Ft4.35	Ft8.3874	2.66729
Fe5.2925	Fe7.1185	2.73493	Ft2.3253	Ft7.1056	2.66717
Fe1.511	Fe4.13628	2.7346	Ft4.969	Ft7.3051	2.66709
Fe4.7855	Fe5.10842	2.73451	Ft4.790	Ft7.2824	2.66696
Fe1.2401	Fe4.5524	2.7345	Ft2.3265	Ft4.4001	2.66695
Fe2.8735	Fe7.1606	2.73427	Ft1.1726	Ft5.1182	2.66621
Fe2.3019	Fe4.3984	2.73406	Ft4.4248	Ft6.1172	2.66612
Fe3.6640	Fe4.11584	2.73387	Ft5.886	Ft6.2467	2.66598
Fe3.13389	Fe8.8477	2.73381	Ft7.272	Ft7.963	2.66598
Fe4.5885	Fe7.11003	2.73376	Ft3.2269	Ft7.4930	2.66591
Fe4.7846	Fe8.5108	2.73345	Ft7.361	Ft7.764	2.66557
Fe2.8561	Fe7.559	2.73286	Ft3.1907	Ft7.3342	2.66539
Fe1.14452	Fe6.8458	2.7325	Ft1.2761	Ft5.2008	2.66536
Fe1.7392	Fe3.5004	2.73232	Ft7.4725	Ft8.3319	2.66513
Fe1.3725	Fe2.13901	2.73226	Ft2.2927	Ft3.666	2.66495
Fe2.587	Fe5.1824	2.73187	Ft3.3563	Ft7.4717	2.66454
Fe2.123	Fe6.2322	2.73174	Ft2.2879	Ft7.4765	2.66451
Fe2.2827	Fe8.3055	2.73163	Ft3.1862	Ft3.1974	2.6644
Fe4.14510	Fe7.4569	2.73157	Ft5.890	Ft5.2857	2.66429
Fe1.5580	Fe1.6176	2.73143	Ft5.1629	Ft8.598	2.66422
Fe2.1667	Fe5.13721	2.73122	Ft4.1917	Ft4.3881	2.66401
Fe1.2032	Fe2.10540	2.73111	Ft4.908	Ft4.4732	2.66401
Fe3.5242	Fe6.12133	2.73111	Ft2.934	Ft7.2533	2.66393
Fe2.12770	Fe3.9294	2.73087	Ft4.4940	Ft7.2474	2.66372
Fe2.2872	Fe4.13803	2.73053	Ft5.912	Ft6.846	2.66303
Fe2.8884	Fe5.3502	2.7299	Ft5.178	Ft5.1672	2.66261

Fe3.12196	Fe4.3102	2.72961	Ft2.6586	Ft8.3354	2.66236
Fe8.2943	Fe8.7277	2.72935	Ft2.5976	Ft3.2173	2.66231
Fe6.5522	Fe7.8501	2.72931	Ft2.6092	Ft5.1383	2.66225
Fe1.4782	Fe6.12004	2.72909	Ft1.746	Ft5.199	2.66219
Fe1.2648	Fe6.11393	2.72897	Ft4.4981	Ft8.2660	2.66219
Fe6.11351	Fe7.3651	2.72882	Ft1.319	Ft4.1040	2.66188
Fe5.11904	Fe7.3708	2.72842	Ft7.467	Ft8.2819	2.66181
Fe2.3204	Fe7.3455	2.72837	Ft4.2806	Ft7.3045	2.66163
Fe4.5890	Fe7.773	2.72808	Ft2.421	Ft2.4637	2.66132
Fe3.13836	Fe5.10011	2.7277	Ft3.3217	Ft8.2565	2.66116
Fe3.14152	Fe6.3457	2.72751	Ft2.2984	Ft7.2058	2.66096
Fe7.7007	Fe8.4427	2.7275	Ft2.1054	Ft7.2377	2.66019
Fe4.4050	Fe6.8045	2.72714	Ft1.1884	Ft3.1865	2.66013
Fe6.3565	Fe7.11503	2.72704	Ft2.2554	Ft8.3989	2.66005
Fe2.1207	Fe2.8446	2.72675	Ft2.4615	Ft7.5141	2.65953
Fe2.8561	Fe4.8389	2.72646	Ft3.1085	Ft3.5490	2.65878
Fe6.11190	Fe7.2861	2.72644	Ft2.5968	Ft6.2826	2.65859
Fe4.13414	Fe6.3293	2.72641	Ft3.1512	Ft5.380	2.65792
Fe7.3314	Fe8.9411	2.72636	Ft2.6315	Ft2.6355	2.65782
Fe3.3080	Fe3.8582	2.72629	Ft3.1178	Ft7.4733	2.65772
Fe7.1105	Fe7.1572	2.72613	Ft8.1789	Ft8.2398	2.65749
Fe1.1485	Fe6.3708	2.72596	Ft2.2501	Ft3.694	2.6574
Fe7.4918	Fe7.6390	2.72578	Ft1.1387	Ft7.2878	2.65669
Fe1.9512	Fe8.2018	2.72534	Ft4.218	Ft8.3758	2.65654
Fe4.7855	Fe6.9851	2.72526	Ft1.241	Ft4.964	2.6565
Fe2.11160	Fe8.612	2.72497	Ft2.1925	Ft3.1341	2.65593
Fe4.5732	Fe7.2511	2.72476	Ft4.5909	Ft5.644	2.65564
Fe1.7128	Fe3.12200	2.72413	Ft4.3438	Ft7.1861	2.65562
Fe3.10462	Fe7.3552	2.72413	Ft4.1938	Ft6.17	2.65538
Fe2.10352	Fe5.3552	2.72398	Ft3.658	Ft6.918	2.65523
Fe5.12990	Fe8.9965	2.72397	Ft1.1761	Ft1.2402	2.65496
Fe7.9784	Fe8.10123	2.72393	Ft2.1046	Ft3.1236	2.65482
Fe3.12239	Fe4.9590	2.72363	Ft4.6234	Ft8.1649	2.65429
Fe6.9702	Hic.scaffold.11.359	2.72358	Ft2.4181	Ft2.6043	2.65411
Fe2.8934	Fe3.13850	2.72294	Ft4.1036	Ft6.917	2.65393
Fe1.2299	Fe3.1757	2.72284	Ft3.1333	Ft7.1618	2.65382
Fe2.2473	Fe2.13285	2.72276	Ft1.837	Ft5.786	2.65361
Fe4.13837	Hic.scaffold.10.437	2.72263	Ft4.829	Ft4.4780	2.65299
Fe2.8585	Fe5.3007	2.72252	Ft1.2021	Ft2.673	2.65292
Fe1.8525	Fe6.6287	2.72219	Ft7.4916	Ft8.3271	2.65269
Fe2.1605	Fe6.11928	2.72192	Ft1.2686	Ft5.2935	2.65203
Fe3.7040	Fe8.1502	2.72187	Ft3.5420	Ft7.1817	2.65197
Fe2.11378	Fe4.1830	2.72184	Ft4.3400	Ft7.539	2.6512
Fe3.14486	Fe6.3096	2.72103	Ft3.2602	Ft5.959	2.65098
Fe7.5909	Fe8.666	2.72062	Ft7.351	Ft7.2748	2.65079
Fe6.8940	Fe7.13172	2.71985	Ft3.5389	Ft7.2990	2.65078
Fe3.6640	Fe7.5370	2.71976	Ft5.1093	Ft7.3498	2.65073
Fe2.1709	Fe4.5568	2.71973	Ft2.5999	Ft3.4377	2.65061
Fe4.736	Fe4.12732	2.71956	Ft4.3432	Ft5.1112	2.65061
Fe5.13101	Fe6.330	2.71949	Ft2.5252	Ft8.1964	2.64979
Fe5.1691	Fe6.4246	2.71939	Ft8.153	Ft8.5069	2.64963
Fe6.3457	Fe6.7388	2.71916	Ft7.3745	Ft8.4532	2.64946
Fe7.8390	Fe8.10865	2.71881	Ft3.1974	Ft6.2142	2.64915
Fe3.13835	Fe6.5281	2.71855	Ft2.112	Ft5.1343	2.6488
Fe1.3235	Fe6.1197	2.71828	Ft7.3986	Ft7.4888	2.64771

Fe4.10101	Fe5.4264	2.71796	Ft2.383	Ft4.3399	2.64755
Fe2.12331	Fe7.644	2.71775	Ft7.776	Ft7.2724	2.64706
Fe2.8446	Fe6.2315	2.71775	Ft4.1983	Ft8.3577	2.6465
Fe3.10261	Fe6.5987	2.71768	Ft7.4306	Ft8.4529	2.64602
Fe7.3128	Fe8.9943	2.71759	Ft4.753	Ft7.4765	2.64596
Fe1.8721	Fe6.11165	2.71728	Ft2.1087	Ft3.3615	2.64588
Fe2.10352	Fe4.5804	2.71718	Ft3.1987	Ft8.3626	2.64587
Fe2.14160	Fe8.9903	2.71708	Ft4.4136	Ft7.5252	2.64546
Fe4.6000	Fe7.11687	2.71695	Ft2.4327	Ft4.1964	2.64471
Fe3.3374	Fe3.4601	2.71689	Ft1.645	Ft4.2573	2.64437
Fe4.9398	Fe7.12001	2.71688	Ft2.64	Ft7.957	2.64369
Fe2.2418	Fe4.2991	2.71646	Ft2.5498	Ft8.3394	2.64321
Fe2.2583	Fe3.8580	2.71623	Ft4.5622	Ft6.176	2.6428
Fe2.6709	Fe8.10798	2.7162	Ft2.4531	Ft7.2948	2.64278
Fe5.9792	Fe7.9064	2.71614	Ft1.320	Ft6.921	2.64257
Fe2.7049	Fe6.5416	2.71603	Ft2.1574	Ft7.3092	2.64182
Fe3.11883	Fe7.576	2.71599	Ft5.2049	Ft7.3813	2.64138
Fe6.9364	Fe8.7943	2.71597	Ft1.271	Ft4.5233	2.64106
Fe7.1636	Fe8.9694	2.71591	Ft3.4465	Ft8.1619	2.641
Fe4.5188	Fe6.3504	2.7157	Ft2.6069	Ft7.1938	2.64063
Fe1.8721	Fe6.3457	2.71568	Ft7.2439	Ft7.2942	2.64006
Fe1.8217	Fe4.5169	2.71563	Ft3.654	Ft3.1701	2.63993
Fe5.3939	Fe7.853	2.71563	Ft2.1059	Ft8.3564	2.63992
Fe2.11839	Fe7.1584	2.71535	Ft5.1040	Ft7.2518	2.63854
Fe4.11728	Fe5.7578	2.71503	Ft2.2516	Ft8.2828	2.63853
Fe2.1135	Fe3.3586	2.71476	Ft2.469	Ft3.5043	2.63853
Fe4.3031	Fe8.7419	2.71457	Ft2.133	Ft2.6433	2.6379
Fe2.12806	Fe5.3368	2.71452	Ft2.5389	Ft5.1016	2.63748
Fe5.12877	Fe7.3579	2.71438	Ft3.574	Ft6.1926	2.63736
Fe2.10652	Fe4.10411	2.7142	Ft7.3724	Ft8.2810	2.63733
Fe3.9013	Fe4.4050	2.71387	Ft1.121	Ft1.1407	2.6371
Fe3.14512	Hic.scaffold.9.326	2.71381	Ft3.2071	Ft4.3043	2.63698
Fe1.7503	Fe8.5198	2.71342	Ft5.337	Ft5.721	2.63698
Fe2.804	Fe3.13786	2.71311	Ft4.310	Ft8.3625	2.63686
Fe2.13588	Fe5.13081	2.71296	Ft3.1211	Ft5.2884	2.63671
Fe1.10344	Fe3.12600	2.71285	Ft2.6537	Ft3.533	2.63629
Fe6.3565	Fe7.5405	2.71236	Ft2.1116	Ft4.89	2.63599
Fe4.9484	Fe7.9640	2.71231	Ft2.1904	Ft3.4659	2.63574
Fe4.3860	Fe6.7547	2.71209	Ft1.2402	Ft7.4955	2.6357
Fe6.5989	Fe7.3724	2.71209	Ft5.374	Ft6.1074	2.6355
Fe1.10922	Fe7.717	2.71184	Ft7.1417	Ft8.136	2.63534
Fe1.7583	Fe5.3553	2.71176	Ft3.1356	Ft7.186	2.63497
Fe2.3817	Fe8.4104	2.71172	Ft7.1030	Ft7.2539	2.63493
Fe3.2547	Fe3.12167	2.71124	Ft4.5420	Ft8.258	2.63447
Fe6.10407	Fe8.3444	2.71107	Ft2.2448	Ft5.761	2.63437
Fe1.9000	Fe3.3006	2.71106	Ft6.593	Ft8.1482	2.63435
Fe2.5037	Fe4.6042	2.71081	Ft7.1412	Ft8.153	2.63419
Fe3.1399	Fe3.2508	2.71026	Ft2.6593	Ft3.410	2.63385
Fe3.13624	Fe5.9011	2.70982	Ft2.5937	Ft2.6093	2.63346
Fe2.13308	Fe6.12091	2.7096	Ft2.278	Ft6.1999	2.63339
Fe1.5349	Fe6.9837	2.70943	Ft2.973	Ft3.2110	2.63337
Fe2.759	Fe6.9526	2.70936	Ft2.4792	Ft2.6599	2.6333
Fe3.5242	Fe4.8749	2.70926	Ft3.2650	Ft6.2037	2.63324
Fe3.3358	Fe6.3644	2.70867	Ft4.4940	Ft8.3294	2.63264
Fe3.1344	Fe4.11846	2.70849	Ft4.126	Ft5.1231	2.6326

Fe2.13280	Fe6.3494	2.70807	Ft2.2679	Ft3.1317	2.63251
Fe2.13169	Fe7.1050	2.708	Ft4.3782	Ft7.554	2.63223
Fe3.2832	Fe4.3755	2.70764	Ft2.3365	Ft8.3985	2.63203
Fe2.8494	Fe8.7171	2.70761	Ft7.3136	Ft8.2580	2.63155
Fe4.4242	Fe5.4473	2.7076	Ft3.722	Ft8.5007	2.63111
Fe2.10422	Fe7.1829	2.70718	Ft3.3539	Ft8.4249	2.63004
Fe3.2904	Fe6.6006	2.70706	Ft1.2302	Ft7.4306	2.63002
Fe5.6064	Fe6.11479	2.70691	Ft6.1473	Ft8.3544	2.6297
Fe2.10751	Fe3.13978	2.70649	Ft1.2857	Ft8.2622	2.62907
Fe6.10332	Fe7.4295	2.70579	Ft5.568	Ft5.859	2.62891
Fe6.8368	Fe7.13193	2.70568	Ft4.5310	Ft6.1552	2.62886
Fe5.4049	Hic.scaffold.9.846	2.70546	Ft2.5395	Ft5.1676	2.6286
Fe3.4583	Fe4.10921	2.70532	Ft3.2465	Ft5.1529	2.6282
Fe2.957	Fe7.4422	2.70498	Ft3.3583	Ft8.510	2.62784
Fe4.5821	Fe8.10001	2.70477	Ft4.1079	Ft6.955	2.62775
Fe3.9518	Fe6.1081	2.70464	Ft4.135	Ft7.2610	2.62768
Fe8.10675	Hic.scaffold.11.126	2.70462	Ft2.4327	Ft3.1787	2.62702
Fe3.2519	Fe8.12061	2.7045	Ft2.960	Ft3.4183	2.62699
Fe2.1538	Fe6.2130	2.70435	Ft2.5145	Ft8.1923	2.62684
Fe8.4104	Fe8.5702	2.70376	Ft1.1945	Ft4.3553	2.62658
Fe3.406	Fe6.3457	2.70348	Ft2.4090	Ft7.506	2.62627
Fe1.3226	Fe4.12750	2.70339	Ft4.2075	Ft6.1464	2.62625
Fe6.4246	Fe7.4261	2.70322	Ft1.605	Ft6.1019	2.62616
Fe4.4837	Fe7.10841	2.7031	Ft2.5910	Ft8.4508	2.62594
Fe1.3128	Fe6.9399	2.70297	Ft2.4329	Ft2.4650	2.62565
Fe2.844	Fe3.11785	2.70284	Ft2.5435	Ft6.846	2.62563
Fe7.7284	Hic.scaffold.9.336	2.70279	Ft2.4327	Ft7.2724	2.62536
Fe4.6157	Fe4.11042	2.70267	Ft3.4659	Ft7.3057	2.62514
Fe6.3100	Hic.scaffold.10.295	2.70265	Ft3.2361	Ft6.2814	2.62504
Fe2.10613	Fe6.2244	2.70195	Ft2.6047	Ft8.1609	2.62485
Fe2.11823	Fe4.2959	2.70163	Ft1.1961	Ft3.4869	2.62441
Fe6.9307	Fe7.12228	2.70159	Ft5.1666	Ft5.2250	2.62401
Fe6.1884	Fe7.9774	2.70135	Ft7.2956	Ft8.1284	2.62396
Fe3.141	Fe8.10124	2.70095	Ft4.5937	Ft5.2693	2.62393
Fe2.2633	Fe8.9970	2.70085	Ft2.2483	Ft2.3190	2.62359
Fe3.12374	Fe7.1224	2.70068	Ft4.818	Ft7.2866	2.62342
Fe2.2699	Fe6.10224	2.70039	Ft4.5429	Ft5.2402	2.62324
Fe2.8201	Fe5.12202	2.6988	Ft3.281	Ft7.4976	2.62315
Fe3.3339	Fe3.13562	2.69876	Ft2.4192	Ft2.5745	2.62313
Fe1.12432	Fe1.12657	2.69847	Ft4.4054	Ft4.4199	2.62305
Fe2.303	Fe2.6598	2.69811	Ft5.1632	Ft7.4288	2.62305
Fe5.10941	Fe8.8249	2.69795	Ft6.3406	Ft7.4906	2.62277
Fe2.4889	Fe8.10282	2.69794	Ft3.1143	Ft4.76	2.62268
Fe3.8743	Fe4.9906	2.69791	Ft2.133	Ft5.1383	2.62194
Fe1.14545	Hic.scaffold.9.474	2.69786	Ft4.5603	Ft8.168	2.62134
Fe3.9804	Fe5.10602	2.69784	Ft3.1799	Ft6.3322	2.62115
Fe3.7038	Fe5.6486	2.69777	Ft4.114	Ft4.5622	2.62115
Fe1.10110	Fe2.2249	2.69763	Ft4.5589	Ft8.1659	2.62099
Fe1.6135	Fe7.6855	2.69763	Ft5.503	Ft7.4892	2.62084
Fe3.9363	Fe6.7616	2.69742	Ft2.3846	Ft7.506	2.62067
Fe5.2883	Fe8.9641	2.69733	Ft3.4695	Ft7.2747	2.62037
Fe1.2538	Fe6.5616	2.69731	Ft4.659	Ft7.5305	2.61971
Fe2.10253	Fe5.7786	2.69721	Ft2.3376	Ft4.3711	2.61913
Fe1.14050	Fe4.13682	2.69688	Ft3.1056	Ft5.630	2.61872
Fe3.5610	Hic.scaffold.10.718	2.69656	Ft5.1358	Ft7.4893	2.61841

Fe5.6472	Fe8.2275	2.69639	Ft5.2274	Ft6.2250	2.61821
Fe3.13913	Fe7.1615	2.69613	Ft2.3252	Ft7.1065	2.61807
Fe3.8983	Fe4.3345	2.69608	Ft3.1247	Ft7.649	2.61806
Fe1.4642	Fe2.4141	2.69599	Ft3.5326	Ft4.1903	2.61805
Fe2.11014	Fe2.14274	2.69585	Ft1.476	Ft7.5101	2.61775
Fe2.14226	Fe8.9822	2.69585	Ft2.2884	Ft8.219	2.61766
Fe5.5956	Fe6.9640	2.69584	Ft4.2610	Ft7.2968	2.61715
Fe8.5591	Fe8.7049	2.69555	Ft2.1865	Ft7.2654	2.6169
Fe3.3006	Fe4.10962	2.69547	Ft1.1267	Ft7.2290	2.61683
Fe3.10322	Fe5.3023	2.69513	Ft4.4062	Ft5.1101	2.61658
Fe3.13512	Fe5.8734	2.6951	Ft5.23	Ft8.4046	2.61651
Fe2.12823	Fe3.12408	2.69501	Ft6.3385	Ft8.4040	2.61651
Fe4.5755	Fe4.11603	2.69497	Ft3.1464	Ft7.2992	2.61649
Fe3.11826	Fe5.4396	2.69491	Ft2.4592	Ft7.4764	2.61631
Fe3.13780	Fe4.2154	2.69471	Ft2.4531	Ft4.3536	2.61597
Fe5.3876	Fe6.7388	2.69471	Ft3.1623	Ft6.2177	2.61592
Fe1.13897	Fe2.510	2.69445	Ft2.3793	Ft2.5680	2.6158
Fe1.14430	Fe2.12072	2.69432	Ft3.4654	Ft7.505	2.61576
Fe1.3625	Fe5.5375	2.69366	Ft3.1424	Ft4.4129	2.61567
Fe2.10652	Fe6.1218	2.69351	Ft4.903	Ft6.564	2.61562
Fe3.5203	Fe7.4918	2.6932	Ft5.986	Ft5.2296	2.61562
Fe2.9533	Fe6.10229	2.69318	Ft2.6069	Ft8.548	2.61548
Fe2.3727	Fe4.3626	2.69245	Ft3.3175	Ft7.2435	2.61541
Fe3.9490	Fe6.11848	2.69206	Ft1.2870	Ft4.1559	2.61492
Fe5.12742	Fe6.3041	2.69204	Ft2.180	Ft2.6199	2.61484
Fe2.8476	Fe6.2334	2.6917	Ft2.4874	Ft4.4709	2.6148
Fe3.1429	Fe3.12408	2.69168	Ft2.6054	Ft8.1584	2.61452
Fe6.3708	Fe8.7821	2.69165	Ft1.2423	Ft2.3577	2.61431
Fe3.6290	Fe3.9478	2.69156	Ft2.2996	Ft8.4536	2.61431
Fe2.8583	Fe8.5198	2.69142	Ft8.1253	Ft8.1529	2.6142
Fe2.11865	Fe6.3366	2.69074	Ft3.1495	Ft7.3021	2.61396
Fe4.3970	Fe4.13131	2.69073	Ft3.2588	Ft6.2502	2.61366
Fe3.355	Fe3.3826	2.69067	Ft2.5837	Ft4.3809	2.61316
Fe2.13134	Fe7.818	2.69044	Ft3.4883	Ft8.1324	2.61305
Fe1.3075	Fe2.10828	2.68998	Ft7.444	Ft7.3158	2.61304
Fe1.10142	Fe4.7968	2.68986	Ft2.5883	Ft4.5640	2.61295
Fe1.9213	Fe4.3746	2.68983	Ft2.4972	Ft2.5964	2.61258
Fe1.5202	Fe8.9138	2.68981	Ft2.742	Ft2.5712	2.61237
Fe6.6080	Fe8.11787	2.68972	Ft6.581	Ft8.1963	2.61223
Fe3.653	Fe4.10473	2.68955	Ft7.978	Ft8.1753	2.61204
Fe4.5099	Fe6.3096	2.68929	Ft2.4538	Ft4.5622	2.61191
Fe4.9693	Fe8.1641	2.68917	Ft2.4817	Ft5.2123	2.61186
Fe6.3358	Hic.scaffold.9.590	2.68905	Ft1.60	Ft1.1002	2.61153
Fe3.3549	Fe3.7889	2.68895	Ft4.4311	Ft6.1233	2.61096
Fe2.8572	Fe6.4659	2.68887	Ft3.554	Ft8.4273	2.61061
Fe4.906	Fe5.1874	2.68863	Ft1.677	Ft5.537	2.61022
Fe3.4689	Fe5.12476	2.68858	Ft3.1787	Ft8.3418	2.61011
Fe3.3004	Fe7.2834	2.68853	Ft6.1469	Ft8.305	2.61001
Fe5.2948	Fe8.10596	2.68848	Ft2.1734	Ft2.4085	2.60998
Fe6.2679	Fe7.2523	2.68837	Ft5.396	Ft5.2670	2.6098
Fe1.11273	Fe6.5989	2.68815	Ft2.5146	Ft4.5190	2.60976
Fe4.1868	Fe4.4146	2.68796	Ft8.1529	Ft8.1821	2.60975
Fe2.9302	Fe6.10824	2.68792	Ft1.2397	Ft2.2402	2.60939
Fe1.3502	Fe6.6287	2.68791	Ft3.828	Ft7.1564	2.60882
Fe4.14578	Fe8.10918	2.68782	Ft4.1022	Ft7.330	2.60852

Fe6.3064	Fe7.7526	2.68773	Ft2.2953	Ft5.503	2.60845
Fe3.4010	Fe5.10907	2.6877	Ft1.291	Ft1.2716	2.60798
Fe2.5037	Fe7.6232	2.68756	Ft2.2679	Ft8.1609	2.60782
Fe5.1269	Fe7.297	2.68709	Ft2.4182	Ft3.5621	2.60777
Fe2.844	Fe5.6169	2.68705	Ft2.5445	Ft3.989	2.6076
Fe1.3398	Fe2.160	2.68675	Ft2.6421	Ft6.3326	2.60754
Fe8.10029	Fe8.10764	2.68673	Ft2.6024	Ft3.1935	2.60735
Fe4.14347	Fe5.13537	2.68639	Ft5.2708	Ft6.3125	2.60714
Fe3.3111	Fe8.6652	2.68638	Ft2.751	Ft7.4836	2.60649
Fe3.4007	Fe7.1098	2.68629	Ft2.6417	Ft5.1679	2.60618
Fe1.14509	Fe3.14513	2.686	Ft2.4108	Ft4.4133	2.6061
Fe2.12823	Fe5.10489	2.68588	Ft7.887	Ft7.1669	2.60578
Fe1.13884	Fe2.14046	2.68585	Ft4.3795	Ft5.2731	2.60523
Fe4.11774	Fe7.6359	2.6851	Ft3.2018	Ft5.2299	2.6051
Fe2.11564	Fe6.2192	2.68457	Ft2.6393	Ft4.5506	2.60506
Fe1.2538	Fe1.4642	2.68426	Ft5.380	Ft8.5195	2.60477
Fe2.11294	Fe8.8753	2.68414	Ft4.4941	Ft8.1994	2.60469
Fe1.6380	Fe1.12103	2.68407	Ft1.384	Ft5.376	2.60378
Fe6.2344	Fe6.10733	2.68356	Ft4.391	Ft6.2117	2.60378
Fe2.1406	Fe3.12204	2.68339	Ft4.5602	Ft8.3602	2.60372
Fe5.1434	Fe5.2769	2.68319	Ft7.1623	Ft7.2058	2.60322
Fe2.4154	Fe4.9484	2.68303	Ft3.1474	Ft8.1533	2.60262
Fe2.10968	Fe8.9057	2.68298	Ft5.721	Ft6.1192	2.60192
Fe1.6384	Fe3.12283	2.68296	Ft2.201	Ft7.4952	2.60187
Fe3.708	Fe6.347	2.68291	Ft5.2123	Ft8.2960	2.60161
Fe4.3031	Fe7.6359	2.68286	Ft2.1785	Ft2.3309	2.60074
Fe6.1387	Fe6.7362	2.68282	Ft4.3782	Ft7.4765	2.59988
Fe5.10998	Fe6.5045	2.6828	Ft4.4123	Ft7.1652	2.59953
Fe2.11800	Fe4.14290	2.68275	Ft2.6380	Ft6.1266	2.59951
Fe1.11197	Fe4.492	2.68267	Ft2.2885	Ft4.1949	2.59917
Fe1.5978	Fe8.1383	2.68234	Ft1.645	Ft6.1085	2.59891
Fe3.9363	Fe4.11027	2.68231	Ft2.6058	Ft2.6555	2.59861
Fe7.725	Fe7.1599	2.68221	Ft1.1379	Ft1.2679	2.5986
Fe5.10537	Fe7.10845	2.68213	Ft3.900	Ft6.2537	2.59858
Fe2.10410	Fe8.9690	2.68197	Ft2.5107	Ft4.5290	2.59856
Fe1.9425	Fe4.8333	2.68196	Ft4.5004	Ft7.3028	2.59829
Fe7.1505	Fe8.10048	2.68194	Ft2.2139	Ft2.2217	2.5981
Fe7.5370	Fe7.12784	2.68193	Ft4.1027	Ft6.912	2.59776
Fe7.4446	Fe8.8200	2.68165	Ft3.148	Ft7.3498	2.59775
Fe2.14276	Fe5.14442	2.68163	Ft2.2351	Ft2.6083	2.59749
Fe3.13911	Fe7.1530	2.68153	Ft2.4615	Ft4.875	2.59703
Fe1.1695	Fe8.7558	2.68151	Ft8.219	Ft8.445	2.59674
Fe1.364	Fe3.12225	2.68143	Ft3.1838	Ft4.2850	2.59672
Fe2.2577	Fe5.6676	2.68112	Ft2.4502	Ft4.4880	2.59668
Fe1.2032	Fe7.755	2.68109	Ft1.291	Ft1.1379	2.59644
Fe3.3240	Fe4.118	2.68097	Ft4.3666	Ft4.5409	2.59568
Fe3.42	Fe7.175	2.68094	Ft4.817	Ft4.4848	2.59548
Fe6.3759	Fe7.11743	2.68047	Ft4.2179	Ft4.4880	2.59531
Fe7.6295	Fe8.9972	2.68024	Ft3.4183	Ft8.773	2.59506
Fe1.14426	Fe8.7852	2.68022	Ft2.2930	Ft5.2346	2.59501
Fe4.686	Fe7.1094	2.67973	Ft3.1247	Ft3.1907	2.59474
Fe3.2811	Fe7.6237	2.67953	Ft2.1743	Ft8.3893	2.59436
Fe5.13004	Fe8.11030	2.67931	Ft4.126	Ft7.2599	2.5943
Fe1.3625	Fe1.9460	2.67874	Ft1.280	Ft5.715	2.59424
Fe6.1503	Fe7.12916	2.6786	Ft2.4272	Ft6.1074	2.59398

Fe5.10842	Fe6.11750	2.67856
Fe7.1676	Fe7.11687	2.67822
Fe1.8631	Fe5.9908	2.67789
Fe1.9715	Hic.scaffold.10.275	2.67782
Fe2.3968	Fe7.11728	2.67748
Fe2.9477	Fe2.12941	2.67728
Fe6.9837	Fe7.11455	2.67712
Fe1.134	Fe6.2322	2.67694
Fe3.4136	Fe3.14538	2.67656
Fe3.13383	Fe5.8494	2.67646
Fe5.12260	Fe6.9798	2.6761
Fe4.3031	Fe5.3527	2.67598
Fe1.10449	Fe2.10846	2.67582
Fe4.11758	Fe6.6383	2.67536
Fe4.11840	Fe8.3083	2.67514
Fe1.2597	Fe7.11335	2.67504
Fe2.8505	Fe4.12022	2.67456
Fe2.13723	Fe3.14471	2.67387
Fe6.6316	Fe6.7388	2.67341
Fe3.13959	Fe7.3967	2.67323
Fe1.2032	Fe3.4081	2.67313
Fe7.1614	Fe8.9698	2.67312
Fe3.8743	Fe4.3167	2.67309
Fe5.91	Fe5.12920	2.67296
Fe3.5763	Fe7.3633	2.67276
Fe3.14075	Fe4.10606	2.67261
Fe2.5175	Fe5.3876	2.67228
Fe2.2771	Fe3.6435	2.67226
Fe2.9327	Fe7.5511	2.67211
Fe2.768	Fe6.11614	2.67163
Fe4.4918	Fe5.2748	2.67156
Fe1.9210	Fe5.9063	2.67155
Fe3.1015	Fe8.7277	2.67154
Fe2.3727	Fe7.614	2.67148
Fe4.9906	Fe6.9526	2.67146
Fe2.11858	Fe6.315	2.67139
Fe1.10692	Fe2.337	2.67136
Fe7.847	Fe8.7426	2.67128
Fe1.11244	Fe6.3001	2.67124
Fe6.5857	Fe8.5780	2.67097
Fe2.52	Fe6.725	2.67088
Fe2.6178	Fe4.9353	2.67087
Fe2.13989	Fe3.412	2.67071
Fe3.9114	Fe8.3507	2.67066
Fe5.2943	Fe5.12692	2.66959
Fe4.14142	Hic.scaffold.13.249	2.66933
Fe3.8743	Fe6.9851	2.66916
Fe5.6579	Fe8.5317	2.66905
Fe6.2520	Fe6.10588	2.66904
Fe7.1732	Fe7.2681	2.66891
Fe7.5938	Fe8.5131	2.66891
Fe2.12025	Fe6.824	2.66881
Fe8.10815	Fe8.11235	2.66869
Fe3.1243	Hic.scaffold.9.159	2.66851
Fe1.9522	Fe4.4724	2.66836
Ft7.1587	Ft7.1872	2.59379
Ft2.2326	Ft3.5006	2.59346
Ft2.3077	Ft8.3612	2.59345
Ft2.3347	Ft7.2122	2.59332
Ft2.2866	Ft8.2847	2.59276
Ft4.3373	Ft8.2855	2.59215
Ft2.3092	Ft7.2474	2.59169
Ft2.6437	Ft3.600	2.5914
Ft2.2665	Ft4.2763	2.59097
Ft4.5859	Ft8.4671	2.59069
Ft2.5304	Ft3.3326	2.59031
Ft8.3770	Ft8.4005	2.59022
Ft3.1398	Ft7.2652	2.59012
Ft3.91	Ft4.1189	2.58956
Ft2.2476	Ft2.4586	2.5888
Ft3.5337	Ft4.4111	2.58819
Ft3.1236	Ft8.4877	2.58805
Ft4.2181	Ft8.2830	2.58755
Ft2.1803	Ft4.3548	2.58754
Ft8.294	Ft8.753	2.58718
Ft2.3178	Ft7.2661	2.58709
Ft7.4720	Ft7.4954	2.58689
Ft5.1383	Ft8.5253	2.58584
Ft2.6440	Ft8.1649	2.58577
Ft4.1360	Ft5.382	2.58529
Ft3.137	Ft8.1456	2.58512
Ft6.1479	Ft8.4470	2.58505
Ft6.1215	Ft8.3679	2.58485
Ft8.3775	Ft8.4011	2.58483
Ft1.1587	Ft7.2771	2.58468
Ft5.1070	Ft7.3503	2.58442
Ft6.30	Ft7.3027	2.58392
Ft2.6423	Ft3.1047	2.58384
Ft3.3190	Ft8.2954	2.58327
Ft4.921	Ft4.5892	2.58324
Ft5.438	Ft5.1725	2.58301
Ft3.2559	Ft8.2910	2.58266
Ft3.4153	Ft4.4911	2.58259
Ft3.1333	Ft6.2435	2.58233
Ft2.1260	Ft8.3883	2.58225
Ft2.2270	Ft8.1695	2.58221
Ft2.5231	Ft4.41	2.5816
Ft2.5552	Ft3.1096	2.58153
Ft2.630	Ft8.1443	2.58107
Ft2.3092	Ft2.6099	2.58103
Ft2.5603	Ft3.5177	2.5806
Ft2.3771	Ft7.1172	2.58051
Ft4.4320	Ft7.2474	2.58032
Ft2.4624	Ft8.3394	2.58013
Ft2.6630	Ft3.5704	2.57995
Ft6.3357	Ft7.2405	2.57988
Ft3.3418	Ft3.5445	2.57982
Ft2.1783	Ft6.741	2.57918
Ft5.87	Ft8.2688	2.57833
Ft2.3849	Ft6.1372	2.57814

Fe4.9767	Fe7.10056	2.66803	Ft4.340	Ft7.2935	2.57716
Fe4.1512	Hic.scaffold.11.59	2.66801	Ft2.4426	Ft7.4880	2.57712
Fe2.13551	Fe2.14009	2.6679	Ft4.4074	Ft7.4862	2.57711
Fe2.2553	Fe3.12854	2.66779	Ft8.2719	Ft8.4953	2.57684
Fe6.2130	Fe8.10226	2.66757	Ft4.1775	Ft8.1821	2.57638
Fe5.12185	Fe5.13989	2.66755	Ft2.6199	Ft7.3094	2.5762
Fe2.110	Fe3.14370	2.66741	Ft3.2625	Ft7.1743	2.57617
Fe3.2383	Fe7.3314	2.66726	Ft2.3380	Ft3.2624	2.57609
Fe1.3737	Fe2.13931	2.66665	Ft4.2977	Ft4.5024	2.57543
Fe3.7446	Fe8.2555	2.66618	Ft3.1223	Ft5.2856	2.57509
Fe7.5938	Fe7.9841	2.66576	Ft2.4593	Ft3.2879	2.57507
Fe2.11931	Fe4.626	2.66571	Ft2.1993	Ft2.3243	2.57483
Fe5.7337	Fe8.3866	2.66544	Ft1.807	Ft2.5441	2.57423
Fe1.9741	Fe6.5172	2.66516	Ft2.439	Ft8.4726	2.57401
Fe2.8697	Fe2.11586	2.66503	Ft3.5535	Ft7.4001	2.5739
Fe2.12288	Fe2.13711	2.66498	Ft1.1180	Ft2.6155	2.57367
Fe2.5041	Fe7.6936	2.66494	Ft1.1065	Ft2.5610	2.57338
Fe3.14451	Fe7.1609	2.66483	Ft5.71	Ft5.288	2.57316
Fe4.8389	Fe8.10153	2.66459	Ft4.3355	Ft4.4542	2.57291
Fe6.3708	Fe7.9776	2.66422	Ft2.300	Ft4.5502	2.57265
Fe1.3502	Fe4.6757	2.66414	Ft3.1241	Ft7.5089	2.57244
Fe1.9097	Fe7.11715	2.66405	Ft3.1398	Ft8.340	2.57235
Fe1.13289	Fe6.3212	2.66398	Ft2.6611	Ft8.340	2.57234
Fe4.3914	Fe5.3967	2.66395	Ft3.3857	Ft7.2030	2.57233
Fe2.10991	Fe5.2963	2.66387	Ft7.476	Ft8.1724	2.57216
Fe3.14491	Fe7.1548	2.6638	Ft2.2685	Ft7.4603	2.57179
Fe6.2015	Fe8.10112	2.66327	Ft1.2664	Ft4.5012	2.57177
Fe3.4261	Fe4.2770	2.66324	Ft4.3387	Ft8.1705	2.57136
Fe1.12338	Fe4.630	2.6632	Ft1.283	Ft5.2396	2.57132
Fe4.10011	Fe7.10275	2.66271	Ft3.492	Ft4.5913	2.57129
Fe5.12260	Fe7.1609	2.66266	Ft3.732	Ft8.2979	2.5712
Fe3.13375	Fe6.5746	2.66263	Ft2.4637	Ft2.5955	2.57113
Fe1.11105	Hic.scaffold.10.336	2.66234	Ft7.4720	Ft8.2563	2.57108
Fe7.2121	Fe8.10184	2.66223	Ft1.2301	Ft1.2613	2.57064
Fe4.702	Fe8.1612	2.66206	Ft2.4188	Ft3.5637	2.57052
Fe2.8904	Fe3.7835	2.66203	Ft2.5231	Ft2.6433	2.57029
Fe2.10254	Fe6.9385	2.66198	Ft6.1000	Ft7.2706	2.57017
Fe4.6031	Fe4.9590	2.66197	Ft2.3044	Ft4.1891	2.57
Fe7.4461	Fe7.6214	2.66192	Ft4.5657	Ft8.3353	2.5695
Fe5.3257	Fe8.10119	2.66163	Ft2.5972	Ft7.281	2.56943
Fe7.5994	Fe7.13193	2.66157	Ft2.4797	Ft7.3369	2.56937
Fe5.9010	Fe7.7430	2.66113	Ft3.1212	Ft6.2878	2.56936
Fe5.9721	Fe8.7451	2.66102	Ft2.501	Ft5.1047	2.56929
Fe2.7735	Fe2.11382	2.66093	Ft7.2530	Ft8.1662	2.56911
Fe6.2984	Fe6.11251	2.6609	Ft3.168	Ft8.791	2.56907
Fe3.9943	Fe6.12230	2.66086	Ft1.2834	Ft7.4954	2.56904
Fe2.12013	Fe4.1836	2.66069	Ft2.2601	Ft3.4509	2.56896
Fe2.13743	Fe4.8674	2.66068	Ft2.4579	Ft4.745	2.56888
Fe4.4961	Fe6.2420	2.66034	Ft7.3748	Ft8.2855	2.56884
Fe3.12408	Fe7.434	2.66021	Ft7.1587	Ft7.3986	2.56863
Fe2.9544	Fe6.761	2.65952	Ft3.2646	Ft7.373	2.56768
Fe3.12068	Fe6.9484	2.65943	Ft4.5200	Ft6.3400	2.56651
Fe2.10254	Fe3.11572	2.65938	Ft3.1025	Ft4.4340	2.56648
Fe4.4539	Fe5.650	2.65921	Ft3.913	Ft8.4237	2.56622
Fe1.6804	Fe6.10667	2.65915	Ft2.5904	Ft8.4563	2.56617

Fe5.6169	Fe5.10977	2.65897	Ft4.2706	Ft7.2695	2.56612
Fe2.642	Fe6.9402	2.65865	Ft3.916	Ft3.2035	2.566
Fe6.6229	Fe8.10029	2.65848	Ft2.4643	Ft8.961	2.56567
Fe4.1887	Fe4.12000	2.65811	Ft2.1644	Ft2.2741	2.56544
Fe3.219	Fe6.2037	2.65806	Ft3.1426	Ft7.4906	2.56481
Fe5.3604	Fe5.9228	2.65802	Ft2.3448	Ft7.2073	2.56445
Fe5.14523	Fe8.11406	2.65786	Ft6.842	Ft6.2597	2.56444
Fe7.2722	Fe8.5710	2.65779	Ft4.3817	Ft7.2638	2.56441
Fe3.187	Fe3.3676	2.65756	Ft2.6273	Ft3.1282	2.56403
Fe4.11755	Fe7.10845	2.65744	Ft7.476	Ft8.195	2.56394
Fe5.12204	Fe6.10342	2.65743	Ft2.5447	Ft7.4640	2.56392
Fe1.4985	Fe4.5174	2.6573	Ft5.415	Ft8.3649	2.56382
Fe5.3553	Fe7.1614	2.65729	Ft2.2721	Ft3.1912	2.56369
Fe5.3876	Fe8.10844	2.65729	Ft2.3307	Ft7.4798	2.56352
Fe5.3863	Fe7.7395	2.65713	Ft1.234	Ft7.3630	2.56343
Fe2.1949	Fe7.5977	2.65685	Ft2.1793	Ft7.1205	2.56341
Fe7.1612	Hic.scaffold.11.101	2.65664	Ft3.1912	Ft8.1742	2.5624
Fe4.13092	Fe4.13432	2.65612	Ft2.5514	Ft5.832	2.56208
Fe2.2964	Fe4.3914	2.65599	Ft7.331	Ft7.1342	2.56172
Fe1.10249	Fe8.10112	2.65549	Ft3.1206	Ft6.1060	2.5614
Fe5.2320	Fe5.6213	2.65539	Ft2.2438	Ft8.2750	2.56139
Fe1.2342	Fe6.5989	2.65525	Ft4.5986	Ft6.1800	2.56125
Fe4.5739	Fe6.12168	2.65506	Ft1.2402	Ft2.3565	2.56106
Fe3.5958	Fe7.5569	2.65489	Ft1.2855	Ft4.3545	2.56095
Fe4.11819	Fe7.11852	2.65488	Ft3.1476	Ft3.3381	2.56087
Fe3.393	Fe8.11916	2.65475	Ft3.1894	Ft8.1803	2.56079
Fe1.7933	Fe8.634	2.65471	Ft3.697	Ft5.2676	2.56027
Fe3.6690	Hic.scaffold.11.359	2.65465	Ft6.1537	Ft7.2411	2.56017
Fe3.3455	Fe7.7362	2.65461	Ft5.856	Ft6.3638	2.55972
Fe3.1501	Fe6.11083	2.65433	Ft4.4929	Ft8.2969	2.55963
Fe3.9813	Fe6.5572	2.65433	Ft3.1880	Ft8.1803	2.5596
Fe1.10468	Fe2.12302	2.65356	Ft5.1317	Ft7.4862	2.55899
Fe5.2729	Fe6.11588	2.65319	Ft5.431	Ft6.2243	2.55895
Fe5.11700	Fe7.3593	2.65305	Ft4.2564	Ft6.1088	2.55879
Fe3.5763	Fe5.6028	2.65272	Ft2.1629	Ft2.2739	2.55874
Fe1.7761	Fe8.8625	2.65269	Ft4.1316	Ft8.3930	2.55826
Fe1.12259	Fe4.12367	2.65261	Ft3.5447	Ft8.3028	2.55801
Fe2.7296	Fe7.578	2.65259	Ft4.4561	Ft7.3813	2.55795
Fe1.11460	Fe4.12244	2.65248	Ft1.315	Ft4.5167	2.55789
Fe4.2624	Fe7.41	2.6523	Ft3.2347	Ft7.599	2.5578
Fe3.5253	Fe4.3478	2.65213	Ft2.201	Ft4.4545	2.55737
Fe6.2984	Fe7.11343	2.65206	Ft5.867	Ft6.915	2.55681
Fe3.9683	Fe7.11687	2.65203	Ft1.1776	Ft6.76	2.55678
Fe2.13508	Fe4.3056	2.65202	Ft3.2526	Ft8.4953	2.55667
Fe2.13802	Fe7.3763	2.65125	Ft4.1917	Ft7.2928	2.55666
Fe2.11327	Fe7.3708	2.65073	Ft2.2714	Ft3.334	2.55657
Fe6.12215	Fe7.3645	2.65023	Ft2.1783	Ft2.4283	2.55648
Fe2.8755	Fe4.2993	2.65011	Ft1.2729	Ft5.406	2.55624
Fe6.4663	Fe8.7313	2.6499	Ft2.2681	Ft8.1797	2.55608
Fe3.8506	Fe8.3908	2.64986	Ft7.2935	Ft7.3342	2.55592
Fe1.10184	Fe7.5054	2.64968	Ft3.693	Ft8.268	2.5557
Fe1.1328	Fe4.4277	2.64918	Ft5.433	Ft6.3456	2.55551
Fe5.7381	Fe6.7806	2.649	Ft2.6427	Ft5.531	2.55527
Fe3.9804	Fe7.4918	2.64895	Ft1.997	Ft6.1192	2.55526
Fe2.11631	Hic.scaffold.12.233	2.64864	Ft2.2590	Ft7.4918	2.55508

Fe2.3176	Fe7.2660	2.64864	Ft3.165	Ft7.4954	2.55504
Fe5.10685	Fe6.5960	2.64825	Ft2.112	Ft7.4852	2.55488
Fe1.4687	Fe4.6042	2.64806	Ft7.2654	Ft8.2905	2.55482
Fe7.9673	Fe8.3299	2.64805	Ft8.302	Ft8.355	2.55464
Fe4.6151	Fe7.5994	2.64801	Ft6.2365	Ft8.5132	2.5544
Fe1.13823	Fe8.9740	2.648	Ft6.2960	Ft7.4834	2.55422
Fe6.4361	Fe6.10250	2.64794	Ft2.382	Ft8.3272	2.55375
Fe3.5630	Fe4.10227	2.64767	Ft4.2899	Ft4.3758	2.55367
Fe2.4621	Fe5.5368	2.64759	Ft3.1282	Ft7.1150	2.55347
Fe7.3121	Fe8.5465	2.64753	Ft2.6565	Ft4.6248	2.55342
Fe2.12056	Fe3.7897	2.64739	Ft1.1761	Ft5.1210	2.55309
Fe4.14575	Fe7.2292	2.64711	Ft5.65	Ft6.316	2.55284
Fe3.6224	Fe8.10870	2.64648	Ft1.1768	Ft2.6525	2.55214
Fe2.8082	Fe4.6967	2.6464	Ft3.2768	Ft4.4815	2.55189
Fe8.7059	Fe8.9686	2.64619	Ft1.2553	Ft6.2232	2.55175
Fe1.859	Hic.scaffold.12.122	2.64612	Ft3.1184	Ft8.4059	2.55144
Fe3.1015	Fe7.144	2.64603	Ft2.2509	Ft6.3411	2.55141
Fe5.12591	Fe7.1609	2.64586	Ft1.2761	Ft4.5588	2.55128
Fe7.8137	Fe8.3914	2.64568	Ft2.2856	Ft3.3512	2.55122
Fe2.12962	Fe5.12913	2.64566	Ft3.3404	Ft7.2724	2.55094
Fe3.7542	Fe7.8875	2.64525	Ft1.1437	Ft5.2084	2.55082
Fe1.4499	Fe7.12001	2.64484	Ft2.957	Ft3.1686	2.5506
Fe6.9851	Fe8.4104	2.64474	Ft4.1101	Ft6.2202	2.55042
Fe4.2165	Fe7.7067	2.6447	Ft2.2617	Ft4.4336	2.55021
Fe5.2969	Fe7.127	2.64469	Ft2.2359	Ft4.1665	2.55018
Fe5.13129	Fe6.2565	2.64466	Ft2.3178	Ft4.2052	2.54994
Fe3.8774	Fe6.5399	2.64434	Ft2.5926	Ft3.311	2.54957
Fe3.4987	Fe3.13712	2.64432	Ft3.1877	Ft7.3498	2.54956
Fe7.4318	Fe8.10153	2.6443	Ft2.2460	Ft7.3499	2.54898
Fe4.11699	Fe7.6240	2.64405	Ft4.4150	Ft7.5273	2.54898
Fe4.13901	Fe5.3559	2.64344	Ft4.3817	Ft7.2184	2.54889
Fe3.3050	Fe4.162	2.64336	Ft6.3301	Ft7.4834	2.54859
Fe1.10099	Fe7.4893	2.64329	Ft7.719	Ft8.317	2.54841
Fe7.8241	Hic.scaffold.12.260	2.64318	Ft2.6537	Ft5.3010	2.54729
Fe8.5516	Fe8.10593	2.64311	Ft2.4471	Ft3.738	2.54714
Fe6.8279	Fe8.10939	2.64277	Ft1.1185	Ft7.3422	2.54706
Fe4.14440	Fe8.10593	2.64261	Ft8.654	Ft8.1975	2.54661
Fe4.1630	Fe7.5671	2.64255	Ft6.95	Ft7.3712	2.54642
Fe3.9856	Fe6.9851	2.64247	Ft5.775	Ft5.1363	2.54635
Fe4.1697	Fe7.11567	2.64246	Ft7.3478	Ft8.1835	2.5462
Fe2.9497	Fe7.2725	2.64233	Ft2.421	Ft3.856	2.54617
Fe2.13270	Hic.scaffold.9.239	2.64176	Ft3.4154	Ft4.2239	2.54601
Fe7.3556	Fe7.6356	2.64138	Ft7.506	Ft7.3082	2.54583
Fe1.346	Fe2.12075	2.64134	Ft2.501	Ft3.148	2.54564
Fe4.2987	Fe8.11466	2.64132	Ft4.2756	Ft8.1560	2.54548
Fe4.4924	Fe4.13068	2.64093	Ft2.5723	Ft4.126	2.54533
Fe1.1272	Fe1.12206	2.64086	Ft5.446	Ft7.4756	2.54527
Fe4.11183	Fe6.3477	2.64074	Ft3.2055	Ft7.2803	2.54493
Fe2.12719	Fe8.9078	2.64049	Ft3.989	Ft4.6168	2.54485
Fe2.10253	Fe4.3061	2.64036	Ft3.2044	Ft8.3374	2.54411
Fe3.9168	Fe7.4461	2.64028	Ft3.2412	Ft7.5226	2.54399
Fe5.12554	Hic.scaffold.13.274	2.64024	Ft1.1706	Ft8.3729	2.54392
Fe3.12021	Fe5.13472	2.64012	Ft2.3361	Ft7.417	2.54366
Fe2.8364	Fe3.3462	2.64009	Ft7.3087	Ft8.1736	2.54356
Fe2.8822	Fe2.11198	2.64009	Ft3.738	Ft3.1341	2.54348

Fe1.9997	Fe7.3463	2.63968	Ft7.212	Ft8.214	2.54307
Fe1.14471	Fe3.4041	2.63921	Ft3.5374	Ft7.4688	2.54306
Fe7.6855	Fe8.2530	2.63905	Ft4.83	Ft8.1434	2.54292
Fe1.10442	Fe6.2253	2.63904	Ft2.1872	Ft8.1288	2.54286
Fe3.5003	Fe4.7161	2.63889	Ft6.1220	Ft8.3694	2.54262
Fe4.863	Fe5.1782	2.63883	Ft1.2707	Ft2.334	2.54242
Fe2.10201	Fe8.11631	2.63881	Ft2.3224	Ft5.581	2.54241
Fe3.8922	Fe7.8090	2.63872	Ft1.1480	Ft8.313	2.54239
Fe3.1981	Fe5.4254	2.63871	Ft7.5149	Ft8.4771	2.54173
Fe5.767	Fe6.2256	2.63844	Ft4.700	Ft7.4903	2.54155
Fe2.11211	Fe3.14340	2.63841	Ft1.2676	Ft3.1056	2.54123
Fe2.11915	Fe7.1478	2.63795	Ft4.3415	Ft7.4843	2.54107
Fe2.5093	Fe5.6674	2.63782	Ft3.1426	Ft7.3943	2.54071
Fe2.5842	Fe5.12791	2.63779	Ft2.1128	Ft3.2361	2.5407
Fe5.3434	Fe7.4426	2.63773	Ft5.361	Ft5.632	2.54059
Fe3.10158	Fe8.2335	2.63768	Ft4.909	Ft4.5819	2.54034
Fe2.616	Fe5.1794	2.63765	Ft7.1063	Ft8.1622	2.54016
Fe3.4931	Fe7.7067	2.63755	Ft7.5177	Ft8.1885	2.54009
Fe3.59	Fe8.11937	2.63724	Ft3.1317	Ft3.5518	2.5399
Fe6.4552	Fe6.10596	2.63724	Ft2.6458	Ft2.6586	2.53982
Fe1.2301	Fe6.2462	2.63708	Ft5.867	Ft7.4843	2.53965
Fe3.974	Fe5.2882	2.63682	Ft2.630	Ft8.161	2.53914
Fe3.3736	Fe7.1034	2.63666	Ft4.5990	Ft5.1495	2.53894
Fe4.6096	Fe8.8998	2.63661	Ft2.4118	Ft4.5770	2.53879
Fe4.133	Fe7.11527	2.63601	Ft2.1904	Ft2.5777	2.53836
Fe7.4837	Fe8.5256	2.63581	Ft2.4627	Ft8.1649	2.53791
Fe6.4313	Fe7.439	2.63524	Ft5.3062	Ft8.2791	2.53778
Fe2.2735	Fe4.6127	2.63523	Ft7.2591	Ft8.2992	2.53747
Fe2.11705	Fe8.10075	2.63522	Ft4.4501	Ft5.2123	2.53727
Fe3.716	Fe4.10668	2.63515	Ft4.1938	Ft7.2956	2.5371
Fe4.3461	Hic.scaffold.9.270	2.63499	Ft4.2200	Ft7.2987	2.5371
Fe1.10442	Fe6.2014	2.63492	Ft7.2658	Ft7.3035	2.53688
Fe4.5702	Fe4.12395	2.63486	Ft4.3758	Ft7.2661	2.53664
Fe3.388	Fe7.3875	2.63481	Ft2.5654	Ft2.6398	2.53663
Fe2.3733	Fe6.10530	2.63477	Ft1.896	Ft2.394	2.53661
Fe5.3933	Fe6.6229	2.63475	Ft3.993	Ft8.2692	2.53633
Fe5.1328	Fe7.347	2.63468	Ft6.133	Ft8.3918	2.53623
Fe5.11342	Fe7.12553	2.63455	Ft4.6120	Ft8.2363	2.53556
Fe3.13544	Fe6.2315	2.63382	Ft2.4264	Ft4.4613	2.53548
Fe2.8187	Fe5.1967	2.63342	Ft3.365	Ft8.3327	2.5354
Fe7.11598	Fe8.1016	2.63319	Ft2.5154	Ft2.6109	2.53522
Fe6.4417	Fe8.5385	2.63308	Ft7.3368	Ft8.1771	2.53515
Fe3.13913	Fe8.2114	2.63302	Ft4.2047	Ft6.1399	2.53514
Fe2.10652	Fe8.9138	2.63285	Ft8.317	Ft8.3977	2.53511
Fe3.10264	Fe5.12377	2.63272	Ft2.4677	Ft8.4950	2.53477
Fe8.834	Fe8.4104	2.63265	Ft3.3665	Ft8.1313	2.53424
Fe1.6630	Fe7.554	2.63262	Ft2.922	Ft3.4484	2.53353
Fe2.11533	Fe6.11384	2.63256	Ft4.4209	Ft5.535	2.53347
Fe6.6316	Fe7.9822	2.63218	Ft2.2294	Ft2.3654	2.53342
Fe7.3090	Fe8.10764	2.63216	Ft5.1876	Ft7.4615	2.53309
Fe4.13626	Fe8.6848	2.63214	Ft1.377	Ft6.1614	2.53264
Fe3.8974	Fe6.2961	2.63184	Ft2.6440	Ft3.3226	2.53231
Fe1.12338	Fe1.12613	2.63126	Ft5.634	Ft8.3626	2.53229
Fe2.2207	Fe8.6652	2.63121	Ft5.341	Ft7.3568	2.5318
Fe4.3568	Fe6.2941	2.63073	Ft2.2761	Ft3.834	2.53104

Fe4.5908	Fe6.9484	2.63038	Ft2.6497	Ft8.525	2.53078
Fe2.8807	Fe4.12002	2.63013	Ft1.2351	Ft5.438	2.53072
Fe4.7855	Fe8.565	2.63007	Ft5.408	Ft6.2878	2.5305
Fe4.6127	Fe8.3914	2.63004	Ft3.852	Ft6.1352	2.53042
Fe2.759	Fe3.6640	2.6297	Ft1.1751	Ft4.4018	2.52972
Fe1.6549	Fe3.8922	2.62967	Ft2.421	Ft4.2049	2.52963
Fe5.2862	Fe7.625	2.62931	Ft3.1546	Ft4.4985	2.52944
Fe2.42	Fe3.13631	2.62902	Ft7.2315	Ft8.3747	2.52911
Fe5.10685	Fe5.13419	2.62902	Ft2.1843	Ft7.2232	2.52904
Fe1.4974	Fe2.2521	2.62891	Ft6.2316	Ft8.1400	2.52877
Fe6.11305	Fe7.2902	2.62886	Ft2.3046	Ft4.2934	2.52806
Fe1.3235	Fe2.10643	2.62876	Ft4.5688	Ft7.3063	2.5278
Fe1.14408	Fe8.11389	2.62822	Ft2.248	Ft8.1899	2.52735
Fe4.4003	Hic.scaffold.9.322	2.62822	Ft2.2642	Ft4.2066	2.52724
Fe4.2204	Fe7.3043	2.62818	Ft2.6095	Ft4.1158	2.52718
Fe2.6426	Fe6.5746	2.62814	Ft3.1525	Ft7.3118	2.52718
Fe6.1223	Fe6.1606	2.62784	Ft2.4624	Ft3.4125	2.52683
Fe5.14266	Fe8.11290	2.62734	Ft3.2252	Ft7.1065	2.52665
Fe1.10492	Fe4.719	2.62712	Ft4.5915	Ft7.4862	2.52497
Fe2.7678	Fe7.5994	2.62701	Ft2.90	Ft4.1416	2.52459
Fe3.12520	Fe7.12932	2.62699	Ft7.405	Ft7.1959	2.52414
Fe3.5420	Fe5.6676	2.62688	Ft1.1460	Ft2.4859	2.52411
Fe6.10249	Fe7.1700	2.62666	Ft2.4486	Ft4.793	2.5241
Fe2.10301	Fe5.4436	2.62661	Ft4.5914	Ft7.4916	2.52362
Fe6.9338	Fe6.11512	2.62627	Ft1.2785	Ft3.1185	2.52356
Fe3.14370	Fe4.2955	2.62622	Ft4.2479	Ft4.3373	2.52324
Fe3.12000	Hic.scaffold.10.134	2.62619	Ft2.4509	Ft8.1534	2.52321
Fe1.13289	Fe3.8743	2.62578	Ft6.2176	Ft8.2327	2.52315
Fe1.4482	Fe3.2273	2.62531	Ft1.493	Ft1.695	2.52311
Fe1.83	Fe1.14445	2.62524	Ft1.798	Ft5.2340	2.52282
Fe4.8568	Fe8.5110	2.62487	Ft2.6437	Ft8.4029	2.5227
Fe1.10340	Fe4.12535	2.6248	Ft2.411	Ft2.4618	2.52262
Fe2.1605	Fe4.1731	2.62479	Ft4.3846	Ft7.3022	2.52196
Fe4.5969	Fe6.11351	2.62437	Ft3.3710	Ft8.829	2.52136
Fe4.12327	Fe7.3967	2.62413	Ft5.958	Ft5.2123	2.52131
Fe3.14013	Fe5.3859	2.62406	Ft6.1019	Ft7.2351	2.52099
Fe5.4171	Fe5.9005	2.62359	Ft1.82	Ft3.1034	2.52084
Fe2.13685	Fe3.466	2.62352	Ft3.385	Ft7.3993	2.52072
Fe4.6031	Fe6.5177	2.62339	Ft2.1135	Ft7.444	2.52065
Fe6.4644	Fe7.3558	2.62337	Ft1.341	Ft5.1233	2.5201
Fe2.9306	Fe2.10352	2.62322	Ft7.1848	Ft8.3650	2.5201
Fe2.8807	Fe8.9669	2.62315	Ft2.6585	Ft5.1525	2.51995
Fe6.2670	Fe6.9324	2.6227	Ft1.1522	Ft7.4800	2.51986
Fe2.10369	Fe7.9852	2.62238	Ft3.1236	Ft5.665	2.51972
Fe2.203	Fe2.12257	2.62229	Ft2.2692	Ft2.4575	2.51948
Fe2.9668	Fe8.10029	2.62224	Ft2.2768	Ft2.6164	2.51934
Fe6.5102	Fe8.1532	2.62218	Ft4.4091	Ft6.3333	2.5192
Fe3.14159	Fe6.10642	2.62204	Ft3.1646	Ft6.2043	2.51898
Fe6.783	Fe7.478	2.62191	Ft7.2952	Ft8.2810	2.51898
Fe1.3938	Fe4.8353	2.6217	Ft6.3269	Ft8.763	2.51869
Fe6.5269	Fe8.3444	2.6217	Ft4.5024	Ft7.3040	2.51827
Fe7.349	Fe7.4426	2.62131	Ft3.1236	Ft6.1019	2.51808
Fe6.3615	Fe7.9974	2.6211	Ft4.4929	Ft7.2787	2.51783
Fe1.14226	Fe4.2083	2.62106	Ft2.439	Ft8.1394	2.51773
Fe4.1279	Fe6.3944	2.62105	Ft2.6437	Ft3.2226	2.51772

Fe6.10913	Fe7.6138	2.62085	Ft2.2828	Ft4.3079	2.51769
Fe4.13598	Fe5.13507	2.62076	Ft2.5740	Ft2.6408	2.51764
Fe4.4715	Fe8.443	2.62068	Ft5.1302	Ft5.2181	2.51762
Fe4.4877	Fe4.12045	2.62065	Ft2.4430	Ft7.4903	2.51714
Fe1.3625	Fe4.7855	2.62047	Ft4.4333	Ft6.3355	2.51708
Fe1.3725	Fe8.6450	2.62047	Ft3.555	Ft4.5892	2.51683
Fe1.6549	Fe6.9484	2.62042	Ft8.4211	Ft8.4843	2.51677
Fe2.242	Fe2.6150	2.6204	Ft2.6526	Ft5.2670	2.51641
Fe4.8333	Fe6.3114	2.62039	Ft6.1464	Ft8.294	2.51638
Fe6.1220	Fe6.10682	2.62037	Ft4.5573	Ft7.951	2.5163
Fe3.5063	Fe4.11728	2.62025	Ft7.3484	Ft7.4184	2.51621
Fe1.7329	Fe8.5353	2.61987	Ft1.759	Ft1.2839	2.5158
Fe5.11041	Fe8.9460	2.61974	Ft2.5896	Ft3.384	2.51553
Fe2.3204	Fe7.7284	2.61972	Ft1.377	Ft4.1971	2.51546
Fe1.7329	Fe5.9386	2.61957	Ft2.1129	Ft2.5347	2.51545
Fe3.14554	Fe5.9589	2.61945	Ft5.2670	Ft6.1504	2.51541
Fe2.8359	Fe2.10275	2.61936	Ft7.4096	Ft7.4970	2.5154
Fe1.5023	Fe7.841	2.61928	Ft3.3288	Ft3.5062	2.51531
Fe2.7739	Hic.scaffold.10.167	2.61927	Ft3.3066	Ft8.3824	2.51508
Fe1.10752	Fe5.2694	2.61916	Ft2.6455	Ft4.2570	2.51484
Fe2.1545	Fe3.5889	2.61911	Ft1.767	Ft2.257	2.5147
Fe4.4715	Fe6.10064	2.61894	Ft4.2223	Ft7.3084	2.51464
Fe3.3325	Fe6.5193	2.61887	Ft6.1375	Ft7.4955	2.51381
Fe6.2320	Fe8.965	2.61879	Ft2.3276	Ft4.4502	2.51357
Fe1.9997	Fe4.12618	2.61867	Ft4.1256	Ft7.2993	2.51343
Fe4.9594	Fe6.10704	2.61854	Ft2.838	Ft8.1278	2.51275
Fe5.10537	Fe8.8017	2.61838	Ft3.256	Ft7.5013	2.51274
Fe1.1881	Fe1.14168	2.61818	Ft3.1046	Ft7.1040	2.51201
Fe1.5093	Fe4.3568	2.61787	Ft3.1317	Ft4.3817	2.51191
Fe7.13288	Fe8.3400	2.61749	Ft4.2610	Ft6.2715	2.51176
Fe1.6135	Fe5.5658	2.6174	Ft2.4857	Ft8.2972	2.51151
Fe5.11531	Fe8.3073	2.61736	Ft2.2713	Ft4.2923	2.51136
Fe2.8585	Fe7.3826	2.61729	Ft4.3510	Ft5.464	2.51123
Fe2.10318	Fe5.9005	2.61697	Ft3.141	Ft7.5119	2.51094
Fe2.10363	Hic.scaffold.10.458	2.61662	Ft7.3921	Ft7.4557	2.51082
Fe1.2654	Fe4.2826	2.6166	Ft7.5328	Ft8.4010	2.51077
Fe2.11588	Fe4.9525	2.61648	Ft2.6534	Ft8.3765	2.51072
Fe2.8359	Fe3.747	2.61646	Ft2.824	Ft7.1086	2.51032
Fe1.385	Fe6.2528	2.61637	Ft2.2664	Ft2.6393	2.5101
Fe3.13389	Fe8.10184	2.61633	Ft2.2806	Ft3.3409	2.50958
Fe3.1015	Hic.scaffold.9.331	2.61613	Ft2.5944	Ft7.5087	2.50917
Fe2.4922	Fe4.9693	2.61603	Ft3.3262	Ft7.4852	2.50913
Fe3.173	Fe8.8489	2.61582	Ft4.3745	Ft5.665	2.50897
Fe2.490	Fe8.9887	2.6158	Ft2.663	Ft4.1303	2.50886
Fe1.9425	Fe7.3714	2.61564	Ft1.323	Ft4.1050	2.50855
Fe3.6012	Fe4.13422	2.61564	Ft6.1322	Ft8.3631	2.50851
Fe4.3056	Fe4.4724	2.61557	Ft2.4633	Ft7.2474	2.50746
Fe4.5885	Fe5.3903	2.61557	Ft2.100	Ft3.5567	2.50742
Fe1.1434	Fe3.14537	2.61556	Ft2.6424	Ft7.3389	2.50739
Fe3.8717	Fe8.7256	2.61551	Ft2.4071	Ft4.149	2.50713
Fe2.8404	Fe4.1905	2.61528	Ft5.438	Ft6.2435	2.50687
Fe4.3215	Fe4.5622	2.61525	Ft2.4531	Ft4.829	2.50679
Fe4.14582	Fe8.9935	2.61307	Ft2.3910	Ft4.4613	2.50673
Fe3.13621	Hic.scaffold.11.312	2.61304	Ft2.4004	Ft2.5655	2.5066
Fe1.14142	Fe2.8446	2.61281	Ft5.874	Ft5.2314	2.50645

Fe1.450	Fe3.12360	2.61265	Ft2.3204	Ft3.591	2.50627
Fe6.9935	Fe7.1828	2.61261	Ft2.3092	Ft4.819	2.5062
Fe6.3010	Fe7.7149	2.61243	Ft1.297	Ft6.882	2.50542
Fe2.11728	Fe3.133	2.61226	Ft4.3766	Ft7.556	2.50532
Fe4.3665	Fe6.10064	2.61191	Ft7.419	Ft8.3496	2.50521
Fe3.12657	Fe4.8504	2.61188	Ft7.3094	Ft8.40	2.50514
Fe2.2699	Fe7.7422	2.61187	Ft3.1138	Ft7.4687	2.5048
Fe5.1173	Fe6.11649	2.61181	Ft7.3975	Ft8.2320	2.50461
Fe3.9602	Fe6.9185	2.61177	Ft2.4566	Ft8.4368	2.50425
Fe2.11749	Fe5.3553	2.6116	Ft5.438	Ft6.192	2.50388
Fe5.1139	Fe5.1615	2.61128	Ft3.2782	Ft7.3462	2.50366
Fe2.8612	Fe3.11833	2.61124	Ft1.501	Ft6.2541	2.50356
Fe2.13293	Fe6.3520	2.61117	Ft2.2348	Ft8.4770	2.50356
Fe2.12288	Fe4.10236	2.61114	Ft2.1464	Ft3.5290	2.50354
Fe2.8511	Fe6.5364	2.61088	Ft4.669	Ft6.1044	2.50335
Fe7.245	Fe7.11243	2.61082	Ft2.5415	Ft8.207	2.50317
Fe2.11749	Fe4.8400	2.61069	Ft4.4106	Ft5.430	2.50263
Fe4.3053	Fe7.6361	2.61033	Ft3.5540	Ft8.3425	2.50241
Fe3.12324	Fe8.3299	2.61025	Ft3.1391	Ft4.5330	2.50167
Fe1.13132	Fe8.10779	2.60987	Ft3.2974	Ft7.3050	2.50163
Fe2.11586	Fe6.11876	2.60975	Ft3.884	Ft4.5451	2.50159
Fe2.10358	Fe5.1796	2.60965	Ft2.4094	Ft5.2949	2.5013
Fe2.8071	Fe4.13872	2.6093	Ft2.470	Ft5.1041	2.50119
Fe5.11018	Fe8.10920	2.60913	Ft2.2594	Ft2.2823	2.50114
Fe3.6543	Fe8.10131	2.60911	Ft1.274	Ft5.2381	2.50101
Fe2.5511	Fe8.45	2.60896	Ft2.5926	Ft6.2857	2.50087
Fe6.3064	Fe7.4795	2.60893	Ft2.2480	Ft3.4042	2.49981
Fe2.155	Fe8.10747	2.608	Ft3.1894	Ft8.4167	2.49968
Fe2.3341	Fe3.4041	2.60754	Ft2.824	Ft3.1071	2.49913
Fe2.11196	Fe2.12217	2.6075	Ft2.516	Ft6.2020	2.49874
Fe7.2551	Fe7.9649	2.60747	Ft2.2679	Ft4.2115	2.49833
Fe2.13871	Fe6.932	2.60746	Ft2.6640	Ft8.4577	2.49825
Fe4.5343	Fe6.1808	2.60738	Ft2.3857	Ft2.5714	2.49822
Fe6.10073	Fe7.12819	2.60738	Ft2.5212	Ft4.1009	2.49822
Fe2.9477	Fe4.5732	2.60736	Ft1.2777	Ft4.1106	2.49745
Fe2.13798	Hic.scaffold.10.510	2.6073	Ft1.744	Ft3.5274	2.49694
Fe1.8246	Fe4.7855	2.6071	Ft4.2047	Ft6.961	2.4969
Fe1.14083	Fe5.1718	2.60702	Ft2.1054	Ft7.1052	2.4968
Fe4.8568	Fe5.2418	2.60693	Ft3.5464	Ft8.245	2.49679
Fe1.10742	Fe5.13300	2.60677	Ft3.1935	Ft7.2733	2.49662
Fe3.3586	Fe3.6522	2.60573	Ft1.1715	Ft4.4101	2.49629
Fe3.3740	Fe5.2234	2.60571	Ft7.5138	Ft8.2415	2.49602
Fe2.3301	Fe3.6522	2.60564	Ft2.117	Ft2.2830	2.49594
Fe8.9268	Fe8.10719	2.6056	Ft3.930	Ft4.417	2.49589
Fe3.10672	Fe8.3866	2.60543	Ft4.969	Ft5.2900	2.49573
Fe2.8279	Fe8.3633	2.60535	Ft3.1600	Ft3.2089	2.49563
Fe2.7794	Fe5.10001	2.60523	Ft4.5557	Ft5.2857	2.49563
Fe5.3426	Fe7.8437	2.60485	Ft2.2494	Ft8.4273	2.49439
Fe4.5885	Fe5.4056	2.60452	Ft1.1480	Ft6.746	2.49403
Fe2.10618	Fe2.13540	2.60449	Ft5.405	Ft5.2859	2.49393
Fe7.12418	Fe8.7186	2.60433	Ft6.1411	Ft7.570	2.49389
Fe3.989	Fe6.1325	2.60403	Ft2.3046	Ft8.3577	2.49369
Fe1.3398	Fe2.12288	2.60397	Ft1.1407	Ft7.2824	2.49358
Fe2.568	Fe8.11925	2.60381	Ft4.2051	Ft7.3058	2.49339
Fe1.9334	Fe5.9898	2.6038	Ft2.6145	Ft8.3679	2.49294

Fe1.2291	Fe1.9425	2.60333	Ft2.2661	Ft3.144	2.4921
Fe1.6520	Fe6.11876	2.60332	Ft2.4313	Ft5.426	2.49141
Fe5.3598	Fe7.1097	2.60297	Ft3.2777	Ft7.2530	2.4914
Fe2.2713	Fe4.6031	2.60283	Ft2.2572	Ft3.1785	2.49127
Fe2.5175	Fe4.8333	2.60238	Ft1.2352	Ft3.1244	2.4911
Fe2.4820	Fe6.5034	2.60234	Ft6.2966	Ft7.4852	2.49097
Fe5.2234	Fe6.9467	2.60214	Ft1.1702	Ft7.5239	2.49059
Fe4.4596	Fe8.6396	2.6021	Ft2.2324	Ft3.365	2.49033
Fe3.4281	Fe4.2691	2.60195	Ft3.1881	Ft4.5451	2.49018
Fe3.1734	Fe8.3743	2.60165	Ft5.2304	Ft8.4961	2.48984
Fe1.11196	Fe5.1151	2.60161	Ft2.4784	Ft7.4618	2.48969
Fe1.13242	Fe7.3016	2.60091	Ft2.896	Ft4.4853	2.48949
Fe2.182	Fe2.12270	2.60074	Ft2.3215	Ft8.4110	2.48947
Fe3.10945	Fe8.11765	2.60047	Ft2.917	Ft8.146	2.48931
Fe1.11969	Fe3.11831	2.60046	Ft1.2619	Ft2.5323	2.48905
Fe1.9691	Fe6.10503	2.60009	Ft5.626	Ft6.2284	2.48896
Fe6.10501	Fe7.9774	2.60004	Ft3.4991	Ft4.3847	2.4887
Fe1.9612	Fe5.6663	2.6	Ft6.3391	Ft7.4875	2.48861
Fe1.10315	Fe5.5331	2.59942	Ft7.856	Ft7.1632	2.48825
Fe4.9937	Fe5.9335	2.5993	Ft3.3473	Ft6.1404	2.48804
Fe3.5889	Fe5.13529	2.59915	Ft3.879	Ft8.4793	2.48801
Fe4.2821	Fe6.9265	2.59911	Ft1.2628	Ft6.55	2.48757
Fe4.4457	Fe8.4611	2.59911	Ft2.1039	Ft4.2923	2.48756
Fe2.13501	Fe5.14426	2.59882	Ft1.2404	Ft5.1757	2.48744
Fe2.5932	Fe3.10901	2.59879	Ft2.682	Ft6.1882	2.48715
Fe5.3829	Fe8.11989	2.59858	Ft4.726	Ft4.1805	2.48701
Fe2.12416	Fe7.1082	2.59851	Ft2.2294	Ft3.3236	2.48692
Fe2.8762	Fe3.3334	2.59845	Ft3.1779	Ft3.3139	2.48685
Fe1.14509	Fe3.14484	2.59812	Ft2.421	Ft3.1907	2.48668
Fe4.3924	Fe6.3708	2.59801	Ft1.384	Ft5.649	2.48648
Fe2.839	Fe5.6292	2.59786	Ft7.5210	Ft8.3564	2.4861
Fe3.5203	Fe7.5938	2.5978	Ft3.145	Ft7.4977	2.48597
Fe2.2639	Fe5.9290	2.59738	Ft1.2520	Ft6.2214	2.48591
Fe2.1849	Fe2.10811	2.59711	Ft2.4525	Ft4.1983	2.48549
Fe3.2916	Fe5.9110	2.59701	Ft4.3530	Ft7.482	2.48516
Fe1.10016	Fe2.3666	2.59697	Ft2.283	Ft4.5364	2.48514
Fe2.10231	Fe2.12293	2.59683	Ft3.4937	Ft8.4748	2.48514
Fe3.5822	Fe8.9690	2.59632	Ft1.2740	Ft3.1305	2.48504
Fe6.12004	Fe8.6488	2.59607	Ft2.3156	Ft5.1581	2.48495
Fe6.9339	Fe7.12001	2.59601	Ft2.4488	Ft2.5610	2.48493
Fe3.3586	Fe6.6135	2.59558	Ft5.2608	Ft6.1210	2.48473
Fe4.12414	Fe7.2665	2.59533	Ft2.2450	Ft8.1278	2.4846
Fe6.3316	Fe8.10730	2.59531	Ft2.4195	Ft3.5642	2.48439
Fe3.2536	Fe4.863	2.59525	Ft6.679	Ft6.1890	2.48367
Fe3.14166	Fe4.2384	2.59523	Ft2.5976	Ft7.4681	2.48337
Fe6.9655	Hic.scaffold.9.879	2.59523	Ft2.2783	Ft8.1658	2.48289
Fe1.10146	Fe7.3967	2.59503	Ft3.1206	Ft5.663	2.48281
Fe3.9294	Fe6.9150	2.59503	Ft2.4515	Ft7.3004	2.48279
Fe3.8790	Fe7.10794	2.59496	Ft3.857	Ft6.3232	2.48267
Fe5.12739	Fe6.3433	2.59487	Ft2.3096	Ft2.6637	2.48257
Fe6.10704	Hic.scaffold.10.295	2.59456	Ft2.3101	Ft4.3833	2.48213
Fe2.11424	Fe3.12324	2.59429	Ft2.785	Ft3.4577	2.48181
Fe2.8930	Fe5.12749	2.59397	Ft1.2905	Ft8.2636	2.4817
Fe4.3884	Fe7.5898	2.5939	Ft5.406	Ft7.4835	2.48169
Fe7.1098	Hic.scaffold.10.548	2.59374	Ft2.6086	Ft5.1377	2.48128

Fe2.373	Fe5.13147	2.59369	Ft7.3796	Ft7.4950	2.48125
Fe4.5602	Fe8.7348	2.59342	Ft1.565	Ft8.2213	2.48084
Fe2.788	Fe4.3923	2.59305	Ft1.2127	Ft5.1053	2.48043
Fe1.13322	Fe4.2837	2.593	Ft4.33	Ft4.3937	2.48016
Fe4.14510	Fe8.12061	2.59259	Ft6.683	Ft8.197	2.48002
Fe2.7940	Fe6.7602	2.59258	Ft3.5029	Ft8.3712	2.47972
Fe2.9254	Fe4.12861	2.59256	Ft2.5419	Ft6.39	2.47956
Fe2.10988	Fe2.13468	2.59213	Ft1.608	Ft5.406	2.47937
Fe2.2207	Fe7.12784	2.59204	Ft2.862	Ft4.3187	2.47929
Fe4.10558	Fe5.4709	2.59196	Ft3.1358	Ft4.4138	2.47914
Fe3.13790	Fe8.10026	2.59194	Ft2.6073	Ft2.6433	2.4791
Fe1.7133	Fe6.11814	2.59187	Ft4.4318	Ft7.2472	2.47876
Fe1.8246	Fe7.5370	2.59167	Ft7.2082	Ft8.1228	2.47868
Fe5.6579	Fe8.9175	2.59153	Ft3.1839	Ft7.3545	2.47853
Fe2.13764	Fe4.724	2.59152	Ft3.5474	Ft4.370	2.47839
Fe5.13168	Fe7.12831	2.59129	Ft3.1380	Ft8.3294	2.47792
Fe6.4442	Fe6.10316	2.59122	Ft1.2347	Ft3.1264	2.47769
Fe4.13423	Fe7.7430	2.59113	Ft2.4496	Ft3.2839	2.47676
Fe5.12791	Fe5.13101	2.59101	Ft4.819	Ft7.2377	2.47667
Fe2.8801	Fe7.11345	2.59092	Ft2.6493	Ft5.472	2.47646
Fe6.1993	Fe8.9997	2.59081	Ft1.1863	Ft5.926	2.47644
Fe4.4277	Hic.scaffold.9.261	2.59076	Ft1.307	Ft1.634	2.47632
Fe3.2421	Fe7.3243	2.59072	Ft7.1069	Ft8.318	2.4761
Fe1.13369	Fe8.11512	2.59062	Ft5.752	Ft6.2849	2.47608
Fe1.2538	Fe1.4017	2.59032	Ft2.3926	Ft4.41	2.4758
Fe2.10253	Fe5.9652	2.58999	Ft2.1761	Ft2.2984	2.47574
Fe4.5908	Fe6.4644	2.58988	Ft2.920	Ft3.1241	2.47558
Fe1.8898	Fe6.9738	2.58963	Ft3.973	Ft6.3269	2.47507
Fe1.7392	Fe5.6064	2.58959	Ft4.4960	Ft8.3358	2.47424
Fe2.560	Fe6.3270	2.58953	Ft5.404	Ft5.867	2.47406
Fe1.7503	Fe6.9915	2.58937	Ft3.701	Ft8.3703	2.47393
Fe5.365	Fe5.13713	2.58922	Ft1.1868	Ft2.1791	2.47279
Fe2.385	Fe4.12315	2.58911	Ft1.2763	Ft5.406	2.47273
Fe3.9236	Fe3.11910	2.58907	Ft2.501	Ft5.389	2.47273
Fe2.5037	Fe8.3180	2.58897	Ft5.59	Ft5.752	2.47261
Fe4.11293	Fe6.9985	2.58865	Ft7.2305	Ft8.3754	2.47215
Fe2.5092	Fe8.2737	2.58844	Ft1.261	Ft6.1322	2.4718
Fe2.5093	Fe3.9126	2.58815	Ft4.2175	Ft8.272	2.47166
Fe2.11426	Hic.scaffold.11.366	2.58814	Ft7.1001	Ft7.1135	2.47163
Fe2.13051	Fe7.863	2.58775	Ft2.6454	Ft3.1912	2.47158
Fe1.10636	Fe3.2397	2.58759	Ft2.4009	Ft6.87	2.47053
Fe5.4910	Fe5.6636	2.5875	Ft7.899	Ft8.4313	2.47025
Fe6.3528	Fe8.535	2.58738	Ft2.461	Ft8.1384	2.46973
Fe1.3662	Fe3.5714	2.58731	Ft2.6512	Ft4.4093	2.46924
Fe2.12819	Fe8.10644	2.58674	Ft2.4315	Ft3.654	2.46869
Fe2.2510	Fe8.11867	2.58669	Ft5.1727	Ft8.2471	2.46853
Fe3.1822	Fe6.1415	2.58667	Ft3.2806	Ft6.463	2.46852
Fe4.9332	Fe7.5513	2.5865	Ft4.2152	Ft6.891	2.46833
Fe1.9460	Fe8.4104	2.58648	Ft2.6101	Ft5.1390	2.46814
Fe3.8511	Fe8.1537	2.58619	Ft1.1754	Ft2.62	2.46725
Fe3.4035	Fe3.8454	2.58606	Ft3.1962	Ft7.1632	2.4671
Fe4.4895	Fe7.13041	2.58604	Ft1.1626	Ft3.629	2.46708
Fe2.2474	Fe4.12655	2.58596	Ft3.654	Ft5.396	2.46703
Fe3.3504	Fe6.6006	2.58554	Ft2.3890	Ft5.399	2.46689
Fe3.13829	Fe5.3083	2.58547	Ft3.4033	Ft8.1638	2.46652

Fe2.8588	Fe3.14026	2.58546
Fe4.5133	Fe4.9693	2.58541
Fe3.266	Fe4.10411	2.58493
Fe1.10029	Fe5.7155	2.58483
Fe4.4336	Fe6.11200	2.58427
Fe4.8279	Fe6.4750	2.58421
Fe2.9668	Fe3.7985	2.584
Fe5.13842	Fe6.3238	2.58396
Fe5.12908	Fe6.4246	2.58368
Fe5.13230	Fe6.3270	2.58358
Fe5.1454	Fe7.3769	2.58345
Fe2.10940	Fe5.68	2.58339
Fe7.7712	Hic.scaffold.9.261	2.58321
Fe5.13750	Fe8.11916	2.58304
Fe1.1044	Fe8.10153	2.58292
Fe4.3031	Fe5.7381	2.58281
Fe5.1737	Fe7.9684	2.58235
Fe1.5326	Fe6.9795	2.58222
Fe2.11683	Fe7.3385	2.58207
Fe5.8121	Fe7.7424	2.58176
Fe5.9337	Fe6.9817	2.58166
Fe1.10922	Fe5.14469	2.58149
Fe1.6595	Fe3.3620	2.5814
Fe1.10922	Fe8.7170	2.58106
Fe4.6031	Fe6.9798	2.58097
Fe3.9856	Fe8.4322	2.58087
Fe1.2860	Fe6.11147	2.58076
Fe1.8902	Fe5.3188	2.58075
Fe2.8114	Fe4.13825	2.58075
Fe3.2803	Fe7.7149	2.58068
Fe3.11980	Fe7.2568	2.58061
Fe3.13536	Fe7.2844	2.58049
Fe3.9201	Fe6.1190	2.58049
Fe6.3096	Fe6.9801	2.58043
Fe6.1464	Fe6.2298	2.58031
Fe4.11846	Fe6.2670	2.58026
Fe1.10850	Hic.scaffold.13.109	2.58022
Fe2.14147	Fe4.3332	2.58017
Fe2.134	Fe3.13743	2.58012
Fe5.1448	Fe7.664	2.5798
Fe8.9460	Fe8.10764	2.5797
Fe4.10516	Fe8.3333	2.57966
Fe1.478	Fe2.13941	2.57915
Fe5.3642	Fe7.11345	2.57914
Fe1.3955	Fe7.3724	2.57877
Fe3.7446	Fe5.9110	2.57869
Fe2.6078	Fe8.7172	2.57831
Fe3.2864	Fe4.10774	2.57791
Fe3.7446	Fe5.7912	2.57786
Fe2.1283	Fe4.1946	2.57759
Fe1.4597	Fe5.9148	2.57752
Fe1.10598	Fe2.3968	2.57707
Fe3.6143	Fe7.3556	2.57699
Fe1.3620	Fe6.5860	2.57691
Fe2.13077	Fe2.13471	2.57661
Ft4.244	Ft7.2346	2.46641
Ft6.40	Ft7.3052	2.46623
Ft3.1011	Ft7.4717	2.46595
Ft1.2738	Ft5.2697	2.46556
Ft3.1318	Ft7.2724	2.46548
Ft3.3200	Ft7.1030	2.46534
Ft4.3506	Ft5.231	2.46534
Ft5.360	Ft8.3196	2.46491
Ft2.3589	Ft3.2860	2.46407
Ft3.1423	Ft7.509	2.46393
Ft3.2441	Ft7.4995	2.4639
Ft6.1009	Ft8.4121	2.46362
Ft8.307	Ft8.3940	2.46343
Ft7.4764	Ft7.4972	2.46283
Ft2.2854	Ft7.1775	2.46269
Ft6.1195	Ft8.3577	2.46262
Ft3.3692	Ft8.4726	2.46214
Ft1.2760	Ft3.1030	2.46205
Ft2.5447	Ft3.5301	2.46191
Ft2.3722	Ft6.1510	2.46185
Ft5.455	Ft8.1318	2.46147
Ft2.4866	Ft5.522	2.46113
Ft4.5455	Ft7.1040	2.461
Ft2.311	Ft6.1615	2.4603
Ft1.1530	Ft7.5106	2.45979
Ft2.1769	Ft7.3040	2.45978
Ft2.2927	Ft4.1983	2.45964
Ft4.89	Ft6.1819	2.45885
Ft1.2365	Ft2.3954	2.45883
Ft2.457	Ft2.3101	2.45864
Ft3.1426	Ft3.2953	2.45858
Ft3.5518	Ft4.5964	2.45827
Ft2.2635	Ft7.2435	2.45816
Ft2.2523	Ft7.800	2.45799
Ft3.1081	Ft8.2748	2.45799
Ft3.879	Ft6.1366	2.45799
Ft1.381	Ft1.2777	2.45796
Ft1.2347	Ft5.2214	2.45778
Ft2.3531	Ft7.4776	2.45767
Ft4.1883	Ft4.3846	2.4576
Ft2.6624	Ft7.1038	2.45744
Ft2.2823	Ft7.684	2.45712
Ft4.5409	Ft8.1762	2.45706
Ft2.2323	Ft2.5695	2.45701
Ft3.5515	Ft4.5774	2.45625
Ft2.4240	Ft3.600	2.45613
Ft2.833	Ft2.4644	2.45602
Ft1.1785	Ft2.400	2.45597
Ft2.2167	Ft8.3890	2.4559
Ft2.1601	Ft2.4169	2.45588
Ft2.654	Ft4.875	2.45564
Ft3.776	Ft6.3181	2.45554
Ft3.2422	Ft5.2952	2.45533
Ft7.1096	Ft7.2173	2.45523
Ft7.5134	Ft8.3940	2.45478

Fe1.12461	Fe7.4182	2.5764	Ft7.1026	Ft8.106	2.45464
Fe6.3028	Fe7.4048	2.57629	Ft2.248	Ft8.1305	2.45433
Fe4.11699	Fe6.1815	2.57625	Ft2.2830	Ft3.864	2.454
Fe1.3625	Fe2.13699	2.57603	Ft2.869	Ft2.5870	2.45387
Fe2.10318	Fe6.3708	2.57581	Ft2.649	Ft2.2146	2.45339
Fe5.8839	Fe6.8368	2.57569	Ft1.2759	Ft6.2065	2.45333
Fe3.9485	Fe6.6914	2.57523	Ft1.343	Ft2.6112	2.45304
Fe3.13389	Fe8.11562	2.57522	Ft1.2834	Ft6.564	2.45295
Fe4.13615	Fe8.7590	2.57508	Ft3.1236	Ft3.1867	2.4529
Fe2.2305	Fe8.10005	2.57502	Ft3.2006	Ft7.3546	2.45284
Fe1.13967	Fe7.5453	2.575	Ft3.5091	Ft8.1762	2.45283
Fe4.6338	Fe5.3635	2.57487	Ft6.1995	Ft7.4862	2.45222
Fe1.12430	Fe8.7170	2.57445	Ft1.1683	Ft7.4892	2.45209
Fe5.8119	Fe8.6748	2.57429	Ft2.914	Ft7.4939	2.45206
Fe1.794	Fe6.2828	2.57425	Ft2.869	Ft3.384	2.4516
Fe1.9662	Fe5.12732	2.57412	Ft1.2787	Ft4.5584	2.45143
Fe4.14016	Fe8.10792	2.57408	Ft3.892	Ft3.2376	2.45116
Fe2.5010	Fe5.2963	2.57365	Ft8.1807	Ft8.4559	2.45111
Fe6.2021	Fe6.2885	2.5736	Ft2.201	Ft3.1426	2.45108
Fe1.7819	Fe6.719	2.57359	Ft2.6076	Ft8.3418	2.4509
Fe4.3061	Fe5.3829	2.57352	Ft3.1379	Ft4.1789	2.45025
Fe3.4161	Fe6.880	2.5734	Ft3.1790	Ft3.4377	2.4501
Fe1.7086	Fe7.11368	2.57317	Ft8.824	Ft8.3904	2.45006
Fe4.11774	Fe5.7454	2.57314	Ft2.722	Ft8.424	2.44994
Fe6.6316	Fe7.1071	2.57314	Ft3.693	Ft8.2820	2.44986
Fe3.7711	Fe6.10139	2.57284	Ft3.5459	Ft4.732	2.4497
Fe3.8668	Fe7.10895	2.57254	Ft4.1885	Ft5.922	2.44968
Fe5.12902	Fe5.14008	2.57231	Ft3.554	Ft8.4431	2.44934
Fe5.9335	Fe6.9180	2.57218	Ft2.2347	Ft2.2573	2.44923
Fe4.2136	Fe5.2867	2.57195	Ft1.2830	Ft7.5149	2.44916
Fe1.10768	Fe2.7794	2.57193	Ft4.3741	Ft6.2523	2.44908
Fe6.10272	Fe8.8131	2.57175	Ft2.4203	Ft7.4712	2.449
Fe2.10825	Fe2.12780	2.5717	Ft3.3692	Ft7.3046	2.44888
Fe4.9297	Fe6.3063	2.5715	Ft2.5166	Ft4.959	2.44882
Fe1.13289	Fe7.8090	2.57146	Ft1.1806	Ft5.399	2.4488
Hic.scaffold.11.195	Hic.scaffold.11.252	2.5714	Ft2.3786	Ft5.2855	2.4484
Fe4.12377	Fe7.2612	2.57135	Ft1.1680	Ft5.2670	2.44829
Fe7.154	Fe8.11392	2.57132	Ft2.6494	Ft3.183	2.44786
Fe1.1057	Fe8.9772	2.57128	Ft3.3495	Ft7.1243	2.44779
Fe2.11200	Fe7.1648	2.57099	Ft3.1987	Ft4.3874	2.44774
Fe4.3231	Fe6.10284	2.57074	Ft4.6026	Ft8.3972	2.44766
Fe1.4687	Fe6.10653	2.57068	Ft5.171	Ft7.3492	2.44756
Fe4.98	Fe7.1648	2.57057	Ft1.1900	Ft4.3400	2.44744
Fe2.13166	Fe3.4083	2.57046	Ft2.4557	Ft2.6020	2.44728
Fe1.9073	Fe4.4242	2.57033	Ft2.5201	Ft2.5394	2.4472
Fe5.3566	Fe8.7215	2.57024	Ft7.1820	Ft7.3027	2.44714
Fe5.12112	Fe7.7067	2.57002	Ft3.550	Ft4.5984	2.44709
Fe4.5201	Fe8.9741	2.56987	Ft1.2940	Ft8.2653	2.44688
Fe4.3056	Hic.scaffold.9.112	2.56968	Ft5.652	Ft5.2313	2.44643
Fe7.1676	Fe7.12676	2.56933	Ft1.323	Ft8.5224	2.4463
Fe3.13518	Fe7.4224	2.56906	Ft2.4458	Ft5.408	2.44628
Fe1.13135	Hic.scaffold.10.392	2.56875	Ft2.2174	Ft8.1615	2.445
Fe4.12168	Fe6.7279	2.56873	Ft1.2351	Ft7.5149	2.44493
Fe7.6652	Fe8.10153	2.5687	Ft2.524	Ft3.1156	2.44437
Fe1.9887	Hic.scaffold.10.519	2.56864	Ft3.1189	Ft6.482	2.44423

Fe1.1030	Fe7.2408	2.56858	Ft4.2828	Ft8.1649	2.44417
Fe2.13537	Hic.scaffold.10.195	2.56857	Ft2.6129	Ft8.3160	2.44409
Fe5.1666	Hic.scaffold.9.333	2.56853	Ft5.374	Ft7.4835	2.44396
Fe2.12188	Fe7.779	2.56852	Ft2.4315	Ft4.3449	2.44368
Fe1.12096	Fe7.2612	2.56836	Ft1.725	Ft5.62	2.44364
Fe2.11720	Fe8.10695	2.56813	Ft2.5964	Ft6.722	2.44355
Fe2.8401	Fe2.10275	2.56813	Ft7.3101	Ft8.2479	2.44346
Fe4.9661	Fe5.11904	2.56767	Ft2.233	Ft7.1620	2.44333
Fe7.3128	Fe8.5413	2.56756	Ft6.3456	Ft7.3468	2.44332
Fe1.5766	Fe6.5140	2.56752	Ft1.1609	Ft3.515	2.44308
Fe2.9886	Fe6.11435	2.56746	Ft5.374	Ft5.2649	2.44303
Fe3.5063	Fe4.11603	2.56741	Ft2.4557	Ft7.482	2.44298
Fe5.10255	Fe6.2555	2.56738	Ft3.1512	Ft4.4917	2.44292
Fe3.9125	Fe4.10727	2.56659	Ft3.4650	Ft4.3774	2.44258
Fe4.3115	Fe4.12437	2.56627	Ft1.2419	Ft7.4892	2.44242
Fe2.12175	Fe5.13009	2.56614	Ft1.1757	Ft5.1204	2.44225
Fe6.1272	Fe7.11792	2.56604	Ft3.4183	Ft7.3369	2.44216
Fe1.14110	Fe5.3275	2.56594	Ft6.1480	Ft7.5134	2.44214
Fe5.8045	Fe7.7716	2.56567	Ft2.2984	Ft7.1052	2.4415
Fe2.13888	Fe7.6352	2.56526	Ft2.4117	Ft7.1086	2.44136
Fe2.11637	Fe7.4387	2.56506	Ft3.4298	Ft8.2947	2.44122
Fe2.4647	Fe4.5885	2.56496	Ft3.2056	Ft7.2654	2.44052
Fe1.1414	Fe4.12659	2.56492	Ft3.850	Ft3.5105	2.43964
Fe6.10720	Fe7.11404	2.56444	Ft3.2793	Ft8.1253	2.43947
Fe5.1903	Fe7.148	2.56409	Ft3.2256	Ft5.202	2.43915
Fe6.11588	Fe7.9841	2.56407	Ft1.2645	Ft2.3884	2.43877
Fe5.4264	Fe7.3724	2.56393	Ft3.5449	Ft7.3954	2.43835
Fe2.10376	Fe6.9943	2.5639	Ft3.798	Ft7.2760	2.43798
Fe4.12730	Fe7.11922	2.56385	Ft4.3897	Ft5.1621	2.43771
Fe4.3794	Hic.scaffold.14.155	2.56373	Ft3.1300	Ft8.3160	2.43766
Fe2.13501	Fe4.3285	2.56355	Ft2.451	Ft4.4278	2.43752
Fe2.2577	Fe4.9656	2.56346	Ft3.3404	Ft8.4726	2.43737
Fe7.528	Fe7.5720	2.56344	Ft2.6575	Ft3.5178	2.43732
Fe3.2562	Fe4.887	2.56313	Ft1.2797	Ft8.4364	2.43709
Fe1.13370	Fe7.6108	2.56311	Ft4.1833	Ft4.2179	2.43709
Fe2.1312	Fe5.1796	2.56296	Ft3.916	Ft4.5476	2.43646
Fe6.10261	Fe7.3896	2.56291	Ft3.1209	Ft8.3582	2.43643
Fe2.7905	Fe3.13624	2.5625	Ft1.647	Ft5.503	2.43639
Fe2.7949	Fe7.2857	2.56216	Ft2.5394	Ft7.4697	2.43619
Fe5.8827	Fe7.5768	2.56204	Ft4.744	Ft7.5166	2.43588
Fe6.1849	Fe6.1955	2.56194	Ft2.4283	Ft6.3358	2.43554
Fe2.2735	Fe3.7763	2.56189	Ft3.494	Ft6.1444	2.4353
Fe2.10363	Fe8.3872	2.56155	Ft2.4873	Ft7.4892	2.43499
Fe3.1332	Fe5.13317	2.56155	Ft3.3404	Ft3.3659	2.43459
Fe3.4128	Fe5.7928	2.56148	Ft2.5201	Ft7.3118	2.43437
Fe5.3257	Fe7.7184	2.56141	Ft7.4947	Ft8.4516	2.43436
Fe3.6095	Fe5.6418	2.56134	Ft3.879	Ft3.1247	2.43429
Fe4.4003	Fe6.3457	2.56057	Ft2.5654	Ft4.5441	2.43409
Fe3.12283	Fe7.1627	2.56046	Ft2.914	Ft3.1987	2.43393
Fe2.12946	Fe7.794	2.56037	Ft4.802	Ft8.3968	2.43388
Fe1.2232	Fe6.312	2.55984	Ft2.4582	Ft8.3326	2.43364
Fe1.10892	Fe5.2863	2.55964	Ft2.1785	Ft7.1207	2.43353
Fe1.4782	Fe1.7128	2.55962	Ft2.420	Ft6.2861	2.4334
Fe7.1439	Fe7.11743	2.55953	Ft1.1834	Ft4.5412	2.43315
Fe5.13011	Fe8.7034	2.55938	Ft2.2323	Ft3.5029	2.43261

Fe1.10478	Fe3.9282	2.55875
Fe2.11251	Fe6.2565	2.55856
Fe2.11930	Fe3.590	2.55848
Fe1.7314	Fe8.1612	2.55823
Fe1.5202	Fe7.3271	2.55816
Fe2.5175	Fe8.9887	2.5581
Fe1.2244	Fe5.5786	2.55787
Fe2.11251	Fe3.2744	2.55778
Fe1.12432	Fe3.13507	2.55738
Fe2.9776	Fe7.8440	2.55726
Fe1.7192	Fe5.9205	2.55712
Fe1.12063	Fe7.5054	2.55701
Fe3.1530	Fe8.9735	2.55695
Fe1.2609	Fe6.5646	2.55664
Fe7.1015	Fe8.10417	2.55644
Fe2.13829	Fe4.3755	2.55589
Fe3.8922	Fe5.8373	2.55586
Fe5.3023	Fe7.3224	2.55554
Fe8.11925	Hic.scaffold.11.106	2.5555
Fe6.3477	Fe7.4261	2.55532
Fe1.12706	Fe2.12819	2.55512
Fe1.4457	Fe1.8631	2.55403
Fe1.5202	Fe2.8201	2.55387
Fe1.14329	Fe3.2231	2.55369
Fe1.3072	Fe2.3229	2.55349
Fe1.4782	Fe8.5307	2.55333
Fe1.7192	Fe7.3159	2.55333
Fe5.2865	Hic.scaffold.10.463	2.55333
Fe5.2894	Fe5.8798	2.55319
Fe1.6011	Fe4.10088	2.55312
Fe4.12327	Fe6.10845	2.55309
Fe2.10318	Fe5.3933	2.55307
Fe2.13806	Fe4.13777	2.55304
Fe6.3293	Fe6.12040	2.5529
Fe6.4994	Fe6.10327	2.55263
Fe3.2954	Fe3.6334	2.55251
Fe5.448	Fe8.9970	2.5524
Fe7.3866	Fe8.3485	2.55213
Fe3.3689	Fe7.1648	2.55212
Fe2.12868	Fe7.5544	2.55208
Fe2.11637	Fe3.170	2.55204
Fe3.989	Fe4.1905	2.55184
Fe3.2070	Fe5.1894	2.5517
Fe6.824	Fe8.1486	2.5517
Fe6.11251	Fe8.10889	2.55162
Fe1.8968	Fe2.4889	2.55152
Fe4.14510	Fe7.1473	2.55077
Fe5.3900	Fe8.9686	2.55059
Fe6.5193	Fe6.12004	2.55059
Fe3.8586	Fe6.10064	2.55057
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Fe4.6451	Fe4.12985	2.55045
Fe4.9493	Fe5.8379	2.55022
Fe5.3876	Fe6.5391	2.55014
Fe2.11663	Fe6.337	2.54973
Ft2.2323	Ft4.839	2.43257
Ft2.6526	Ft4.2176	2.43257
Ft2.2349	Ft8.4916	2.43182
Ft2.2542	Ft2.2696	2.4318
Ft7.3128	Ft7.5000	2.43141
Ft3.1219	Ft5.211	2.43139
Ft2.2822	Ft8.2799	2.43138
Ft7.354	Ft8.2117	2.43094
Ft1.2349	Ft3.1800	2.43089
Ft2.2755	Ft4.381	2.43069
Ft5.611	Ft7.3856	2.43067
Ft1.2870	Ft6.409	2.43047
Ft2.1753	Ft8.3322	2.43006
Ft3.2029	Ft3.2828	2.42995
Ft4.4111	Ft8.757	2.42973
Ft3.2811	Ft8.1836	2.4296
Ft7.4061	Ft7.5130	2.42931
Ft3.1333	Ft7.2478	2.42928
Ft1.2103	Ft6.2121	2.42925
Ft4.2168	Ft4.5472	2.42896
Ft4.914	Ft4.2168	2.42882
Ft4.2844	Ft8.1523	2.42856
Ft6.179	Ft7.5120	2.42852
Ft5.64	Ft5.2797	2.42837
Ft7.2122	Ft7.2920	2.42769
Ft1.1382	Ft7.2897	2.42731
Ft1.1488	Ft3.1238	2.4272
Ft2.4567	Ft2.6044	2.42719
Ft2.3807	Ft4.5801	2.42687
Ft5.709	Ft7.4678	2.42685
Ft2.4593	Ft3.4183	2.42668
Ft2.6019	Ft3.584	2.42656
Ft7.3002	Ft8.3979	2.42652
Ft3.2403	Ft7.960	2.42644
Ft3.1164	Ft4.744	2.42616
Ft2.5200	Ft6.876	2.42589
Ft4.5592	Ft8.1693	2.42546
Ft4.2705	Ft4.4205	2.42535
Ft2.3138	Ft2.6653	2.42498
Ft1.1469	Ft8.3962	2.42492
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Ft2.1601	Ft2.2679	2.4248
Ft2.3252	Ft4.5943	2.42346
Ft2.3136	Ft3.636	2.42327
Ft5.27	Ft5.700	2.42326
Ft3.909	Ft7.3306	2.42287
Ft7.3468	Ft8.4170	2.42263
Ft7.4891	Ft8.3251	2.42261
Ft5.389	Ft6.76	2.42255
Ft3.879	Ft8.548	2.4225
Ft3.1300	Ft8.5117	2.42245
Ft3.5429	Ft7.4715	2.42244
Ft2.3037	Ft2.4627	2.42237
Ft2.3086	Ft7.1961	2.42237
Ft5.407	Ft7.3723	2.4217

Fe2.9419	Fe8.11014	2.54964
Fe6.9886	Fe7.6130	2.54928
Fe2.14179	Fe3.14140	2.54904
Fe5.8473	Fe7.10019	2.54898
Fe4.8493	Hic.scaffold.12.262	2.54897
Fe4.3087	Fe6.9265	2.5489
Fe3.14132	Fe5.9059	2.54883
Fe3.8743	Fe8.6652	2.54868
Fe2.3727	Fe8.9641	2.54855
Fe1.13169	Fe1.13823	2.5485
Fe2.11672	Fe8.11415	2.54836
Fe1.9979	Fe4.7846	2.54826
Fe4.12748	Fe8.7756	2.54792
Fe4.6342	Fe4.13035	2.54781
Fe5.5958	Fe7.5994	2.54779
Fe2.11223	Fe4.2544	2.54763
Fe2.8187	Fe6.6304	2.54761
Fe3.13794	Fe7.854	2.54747
Fe2.3229	Fe8.9467	2.54739
Fe5.11523	Fe6.3211	2.54719
Fe1.6176	Fe7.3558	2.54691
Fe2.844	Fe8.565	2.5466
Fe3.13562	Fe7.1160	2.54644
Fe2.1521	Fe7.6855	2.5461
Fe2.12000	Fe5.12930	2.54577
Fe2.8511	Fe6.1843	2.54573
Fe2.1610	Fe4.1704	2.54572
Fe1.13738	Fe4.3345	2.54565
Fe2.8081	Fe7.7386	2.54503
Fe4.5702	Fe8.9164	2.54503
Fe3.8922	Fe5.7724	2.54491
Fe1.1040	Fe1.14503	2.54443
Fe3.13836	Fe4.3833	2.54443
Fe4.2987	Fe6.1884	2.54438
Fe1.13284	Fe8.10695	2.54425
Fe1.4763	Fe8.5172	2.54413
Fe1.9073	Fe4.5755	2.54406
Fe5.3023	Fe7.1624	2.54395
Fe4.5732	Fe4.11242	2.54383
Fe6.7616	Fe6.9188	2.54358
Fe2.7803	Fe7.12380	2.54357
Fe4.13237	Fe6.3633	2.54356
Fe4.6967	Fe5.8839	2.54343
Fe4.866	Hic.scaffold.9.742	2.54321
Fe3.5009	Fe4.3096	2.54311
Fe6.6229	Fe8.4593	2.54303
Fe2.385	Hic.scaffold.10.82	2.543
Fe4.1517	Fe8.7236	2.54294
Fe7.392	Fe7.2251	2.54261
Fe2.2521	Fe4.494	2.54251
Fe2.2705	Fe6.9180	2.5425
Fe4.14545	Fe6.910	2.54176
Fe1.7394	Fe6.10209	2.54169
Fe3.3736	Fe8.10733	2.54147
Fe7.488	Fe7.3389	2.54132
Ft4.443	Ft4.3373	2.42165
Ft3.1236	Ft8.4015	2.4214
Ft2.3206	Ft8.4047	2.42109
Ft4.5652	Ft8.4373	2.42089
Ft2.6144	Ft4.128	2.42081
Ft2.20	Ft2.3046	2.42067
Ft4.753	Ft7.4741	2.42046
Ft4.57	Ft4.3963	2.42037
Ft2.5455	Ft3.1018	2.4203
Ft2.384	Ft4.5310	2.41972
Ft2.5253	Ft4.1983	2.41925
Ft3.2817	Ft4.2104	2.41916
Ft8.757	Ft8.3830	2.41916
Ft4.2850	Ft8.1253	2.41905
Ft2.352	Ft8.424	2.41895
Ft6.1572	Ft8.1695	2.41889
Ft2.4066	Ft3.424	2.41876
Ft4.3395	Ft7.658	2.41868
Ft3.1358	Ft7.4006	2.41865
Ft2.5865	Ft2.6288	2.41845
Ft6.1216	Ft8.3680	2.41811
Ft3.1353	Ft7.4562	2.41797
Ft2.6630	Ft5.1479	2.41771
Ft1.1484	Ft7.4060	2.4177
Ft4.1352	Ft4.3953	2.41731
Ft4.153	Ft7.210	2.4171
Ft1.2804	Ft8.2233	2.41704
Ft2.4496	Ft3.1317	2.41693
Ft3.5516	Ft4.726	2.41692
Ft2.3565	Ft3.2826	2.41686
Ft3.3404	Ft4.2694	2.41655
Ft4.3483	Ft5.197	2.41647
Ft1.101	Ft7.625	2.41607
Ft3.1489	Ft4.74	2.41588
Ft2.6145	Ft4.1103	2.41541
Ft6.1592	Ft7.3041	2.41509
Ft7.3107	Ft8.847	2.41478
Ft7.3499	Ft8.3626	2.41463
Ft4.34	Ft7.4764	2.41459
Ft2.840	Ft7.3478	2.41437
Ft1.2846	Ft3.1317	2.41409
Ft1.1935	Ft4.1594	2.41398
Ft1.1307	Ft4.6122	2.41395
Ft3.1308	Ft4.1859	2.41361
Ft5.637	Ft6.2342	2.41306
Ft2.5861	Ft5.483	2.41217
Ft2.580	Ft4.1252	2.41208
Ft4.4413	Ft7.5143	2.41205
Ft3.5193	Ft5.894	2.412
Ft2.6069	Ft7.1730	2.41198
Ft2.4436	Ft8.3328	2.41187
Ft6.2839	Ft7.4076	2.4118
Ft4.4276	Ft6.2630	2.41173
Ft2.5926	Ft6.3313	2.41167
Ft2.3511	Ft8.4671	2.41161

Fe2.10726	Fe7.3633	2.54131	Ft6.3402	Ft7.4708	2.41135
Fe2.2633	Fe5.3608	2.54125	Ft7.1025	Ft7.1166	2.41124
Fe7.6295	Fe7.11335	2.54118	Ft4.4917	Ft8.1987	2.41031
Fe2.8022	Fe4.5952	2.54116	Ft2.712	Ft7.4852	2.41023
Fe6.10139	Fe7.11868	2.54102	Ft4.2167	Ft8.221	2.41013
Fe2.2478	Fe7.10757	2.54101	Ft2.4643	Ft8.1531	2.40998
Fe4.9041	Fe7.6707	2.5408	Ft2.1063	Ft2.3348	2.40993
Fe2.9360	Fe5.2769	2.54055	Ft2.5824	Ft3.1370	2.40958
Fe3.12282	Fe8.10730	2.54055	Ft7.3084	Ft8.3716	2.40947
Fe6.4548	Fe8.7451	2.54054	Ft1.2676	Ft7.4852	2.40928
Fe5.12902	Fe6.296	2.54053	Ft2.3039	Ft3.564	2.40903
Fe4.3031	Fe4.6127	2.54043	Ft5.949	Ft5.1475	2.40902
Fe2.10425	Fe3.14491	2.53988	Ft1.2044	Ft4.1708	2.4089
Fe3.8947	Fe7.3769	2.53987	Ft7.3290	Ft8.3448	2.40879
Fe6.3503	Fe7.3001	2.53985	Ft2.840	Ft3.2056	2.40874
Fe3.6346	Fe5.7886	2.53976	Ft4.4491	Ft5.2133	2.40872
Fe3.5312	Fe4.3568	2.53971	Ft3.2724	Ft7.4862	2.40868
Fe4.6000	Fe7.5893	2.53967	Ft2.5259	Ft4.1737	2.40856
Fe3.3736	Fe6.3477	2.53941	Ft2.5896	Ft3.4301	2.40856
Fe3.13859	Fe4.3568	2.53915	Ft1.1587	Ft8.4980	2.40852
Fe3.2099	Fe7.12228	2.53865	Ft6.2545	Ft7.4809	2.40808
Fe2.9681	Fe6.748	2.53862	Ft7.1623	Ft7.4952	2.40785
Fe1.3235	Fe3.11864	2.53861	Ft1.1836	Ft2.488	2.40771
Fe4.8749	Fe8.4065	2.53861	Ft4.2216	Ft8.288	2.40769
Fe2.8187	Fe6.3455	2.53858	Ft4.2408	Ft8.1615	2.40724
Fe5.13036	Fe6.313	2.53849	Ft3.5160	Ft4.5927	2.40716
Fe2.7739	Fe7.8077	2.53846	Ft7.1762	Ft7.3371	2.40696
Fe1.14400	Fe8.11066	2.53823	Ft8.4038	Ft8.4137	2.40677
Fe1.11196	Hic.scaffold.13.213	2.53785	Ft4.1961	Ft6.964	2.40643
Fe6.6316	Fe8.9943	2.53785	Ft3.3261	Ft3.4883	2.40634
Fe1.2342	Fe1.12864	2.53771	Ft6.1089	Ft8.4341	2.4063
Fe4.8568	Fe8.4427	2.5377	Ft4.3079	Ft7.1810	2.40627
Fe5.3811	Fe6.11419	2.53748	Ft2.3926	Ft2.6044	2.40598
Fe2.10301	Fe3.3504	2.53746	Ft1.2609	Ft5.2670	2.40572
Fe3.2932	Fe4.2919	2.53719	Ft3.3152	Ft6.658	2.40564
Fe3.2945	Fe4.2919	2.53719	Ft3.3474	Ft4.3395	2.40553
Fe5.6155	Fe6.5213	2.53705	Ft2.4596	Ft8.3338	2.40535
Fe2.1368	Fe3.13370	2.53645	Ft2.3338	Ft6.2372	2.405
Fe8.8736	Fe8.9872	2.53637	Ft2.4252	Ft2.6054	2.4049
Fe6.5717	Fe8.5922	2.53635	Ft7.1613	Ft7.2036	2.40473
Fe3.8076	Fe3.8947	2.53621	Ft2.3949	Ft4.4657	2.40347
Fe4.10411	Fe8.11218	2.53621	Ft3.4687	Ft6.466	2.40339
Fe5.14253	Fe8.11012	2.53612	Ft6.1074	Ft7.5181	2.4031
Fe4.14567	Fe8.10246	2.53611	Ft3.5029	Ft4.3881	2.40305
Fe3.5610	Fe6.10468	2.53607	Ft3.1317	Ft4.2000	2.40298
Fe1.2515	Fe1.13973	2.53587	Ft4.6033	Ft8.137	2.40266
Fe1.2587	Fe8.3547	2.53584	Ft1.716	Ft6.698	2.40234
Fe2.448	Hic.scaffold.9.967	2.5353	Ft2.4829	Ft8.3011	2.40211
Fe4.3860	Fe5.3527	2.53497	Ft2.686	Ft8.2831	2.40189
Fe5.495	Fe8.10161	2.53489	Ft1.1866	Ft4.5435	2.40182
Fe3.13280	Fe4.939	2.53487	Ft4.4873	Ft7.3075	2.40171
Fe1.3335	Fe6.5213	2.53485	Ft3.2029	Ft4.1153	2.40154
Fe3.10198	Fe6.1401	2.53483	Ft2.6194	Ft7.1019	2.40095
Fe4.847	Fe8.10848	2.53478	Ft3.576	Ft7.3286	2.40049
Fe2.13896	Fe8.11092	2.53467	Ft2.615	Ft2.6124	2.40037

Fe3.4111	Fe5.1774	2.53466	Ft2.5272	Ft2.6421	2.40002
Fe1.10243	Fe4.3167	2.53458	Ft1.2763	Ft4.744	2.39995
Fe2.13736	Fe3.14463	2.53425	Ft2.4265	Ft2.5349	2.39994
Fe1.10100	Fe7.4894	2.53424	Ft2.6470	Ft4.167	2.39956
Fe1.2546	Fe4.11777	2.53422	Ft3.1317	Ft8.5108	2.39935
Fe5.2418	Fe6.6006	2.53421	Ft5.1826	Ft7.4852	2.39907
Fe1.10459	Fe4.11813	2.53408	Ft1.32	Ft7.4717	2.39902
Fe6.1228	Fe8.3267	2.53408	Ft1.2415	Ft5.943	2.39852
Fe1.2538	Fe4.5885	2.53404	Ft1.2059	Ft2.707	2.39816
Fe2.13879	Fe8.11065	2.53374	Ft7.483	Ft8.530	2.39807
Fe5.4136	Fe7.5074	2.5333	Ft7.2733	Ft8.168	2.398
Fe1.14537	Fe2.14300	2.5332	Ft2.5166	Ft3.1263	2.39793
Fe3.12229	Fe7.3651	2.53316	Ft7.2705	Ft8.2360	2.39725
Fe4.7056	Fe4.9398	2.53303	Ft7.3545	Ft8.3564	2.39721
Fe2.4548	Fe6.6005	2.53293	Ft5.860	Ft7.2342	2.39646
Fe2.2355	Fe3.3676	2.53284	Ft7.79	Ft7.662	2.39638
Fe3.14047	Fe7.8456	2.53267	Ft8.343	Ft8.5000	2.39609
Fe3.1136	Fe4.12303	2.5325	Ft2.3204	Ft7.2948	2.39607
Fe3.13389	Fe8.10271	2.53242	Ft2.1683	Ft7.1249	2.39597
Fe6.2883	Hic.scaffold.10.368	2.53153	Ft4.4687	Ft5.3016	2.39593
Fe4.13432	Fe6.2625	2.53132	Ft2.2517	Ft3.3710	2.3958
Fe3.8819	Fe6.10682	2.53128	Ft7.5025	Ft8.4493	2.39567
Fe1.6996	Fe5.9037	2.53082	Ft2.845	Ft7.1881	2.39553
Fe4.5513	Fe4.10349	2.53074	Ft2.5231	Ft4.5773	2.39491
Fe6.11082	Fe7.1671	2.53073	Ft3.657	Ft6.2387	2.39456
Fe3.12282	Fe6.10851	2.53026	Ft2.4038	Ft7.319	2.3945
Fe4.3079	Fe4.6269	2.53026	Ft8.168	Ft8.2398	2.39422
Fe1.12063	Fe4.11728	2.53025	Ft2.2419	Ft8.4736	2.39416
Fe1.8968	Fe2.2510	2.5302	Ft3.1470	Ft8.1557	2.39397
Fe6.1401	Fe8.11188	2.52994	Ft5.1052	Ft5.1138	2.39382
Fe6.1190	Fe8.3914	2.52991	Ft2.411	Ft8.4237	2.39373
Fe1.497	Fe2.14262	2.5298	Ft3.576	Ft8.3409	2.39364
Fe1.9769	Fe5.11038	2.52971	Ft3.2822	Ft8.1634	2.39341
Fe3.12353	Fe4.3061	2.52967	Ft2.4795	Ft7.4641	2.39325
Fe4.3776	Fe6.9086	2.52938	Ft3.5391	Ft7.2983	2.39309
Fe2.2590	Fe3.8565	2.52936	Ft2.6440	Ft7.459	2.39292
Fe5.6573	Fe8.2114	2.5291	Ft5.1721	Ft7.3145	2.39291
Fe2.8511	Fe4.11554	2.529	Ft2.2925	Ft4.3001	2.39289
Fe7.9796	Fe8.1605	2.52867	Ft6.2381	Ft6.3402	2.39287
Fe2.10387	Fe3.3515	2.52856	Ft4.3569	Ft8.3481	2.3925
Fe1.14343	Fe6.4895	2.5285	Ft7.2947	Ft7.3370	2.39238
Fe2.9759	Fe8.10126	2.52847	Ft3.5516	Ft8.3007	2.39234
Fe2.340	Fe7.1150	2.52843	Ft2.4502	Ft2.6417	2.39209
Fe2.13622	Fe8.514	2.5283	Ft5.2035	Ft7.3807	2.39197
Fe4.12783	Fe7.3812	2.52819	Ft4.1887	Ft4.2219	2.39142
Fe5.1824	Fe6.3704	2.52812	Ft3.1669	Ft6.463	2.39124
Fe5.12260	Fe6.9150	2.52802	Ft8.1529	Ft8.1722	2.39079
Fe4.9358	Fe8.4080	2.52792	Ft2.2651	Ft8.3878	2.39071
Fe1.7337	Fe3.1940	2.52765	Ft7.2956	Ft8.1638	2.3906
Fe5.4882	Fe5.9343	2.52757	Ft2.2830	Ft6.2902	2.39052
Fe3.3004	Fe5.8785	2.52737	Ft2.961	Ft8.4074	2.39047
Fe5.13928	Fe6.3460	2.52716	Ft1.1639	Ft3.1224	2.38999
Fe1.8246	Fe5.5958	2.52696	Ft2.1774	Ft2.3188	2.38981
Fe3.14368	Fe6.11876	2.52692	Ft1.751	Ft5.2378	2.3895
Fe1.14269	Fe3.2108	2.52683	Ft2.6534	Ft3.1498	2.38941

Fe4.3845	Fe4.5267	2.52681
Fe3.3111	Fe3.8743	2.52678
Fe3.6037	Fe6.590	2.52675
Fe5.1794	Fe7.169	2.52625
Fe2.11178	Fe4.7056	2.52622
Fe4.4732	Fe7.5976	2.52597
Fe6.9655	Fe8.7417	2.5255
Fe3.5420	Fe4.6967	2.52549
Fe4.2908	Fe8.12112	2.52526
Fe7.1136	Fe8.10298	2.52518
Fe3.494	Fe6.9455	2.52514
Fe2.359	Fe2.11251	2.52504
Fe2.157	Fe7.1163	2.52502
Fe1.10943	Fe2.3716	2.52488
Fe7.2315	Fe8.11349	2.52457
Fe1.1851	Fe7.6981	2.52436
Fe3.6506	Fe5.11542	2.52431
Fe1.7158	Fe4.11368	2.52416
Fe1.12560	Fe1.13115	2.52399
Fe2.6178	Fe5.8230	2.52399
Fe2.496	Fe5.10765	2.52365
Fe1.7838	Fe8.8341	2.52355
Fe4.3215	Fe7.5370	2.52353
Fe1.13273	Fe7.4060	2.52349
Fe2.11727	Fe8.11466	2.52341
Fe2.13578	Fe6.3063	2.52339
Fe4.13258	Fe6.5048	2.52333
Fe2.8611	Fe5.4051	2.52327
Fe2.1484	Fe4.5952	2.52315
Fe1.1940	Fe7.6768	2.52309
Fe1.10516	Fe7.11932	2.52284
Fe1.1687	Fe8.7586	2.52281
Fe2.1346	Fe4.13094	2.52259
Fe1.10099	Fe4.3037	2.52248
Fe3.8580	Fe8.3444	2.52243
Fe4.12327	Hic.scaffold.9.336	2.52226
Fe6.11070	Fe7.1112	2.52225
Fe3.4128	Fe7.1139	2.52183
Fe1.6631	Fe4.8872	2.52171
Fe7.6390	Fe8.5255	2.52155
Fe1.12237	Fe2.131	2.5214
Fe3.6366	Fe5.6028	2.52126
Fe2.10514	Fe7.1246	2.5212
Fe4.4881	Fe5.12977	2.52114
Fe2.1660	Fe3.14229	2.52104
Fe7.6188	Fe8.4017	2.52092
Fe1.2575	Fe8.649	2.52083
Fe2.976	Fe6.10111	2.52069
Fe3.36	Fe3.1734	2.5206
Fe6.4603	Fe6.6275	2.52046
Fe4.2189	Fe8.7099	2.52028
Fe3.4757	Fe6.770	2.52002
Fe1.9000	Fe4.10962	2.51989
Fe1.1918	Fe7.6816	2.51988
Fe2.11239	Fe7.451	2.5196
Ft4.1482	Ft7.2661	2.38941
Ft2.308	Ft3.949	2.38932
Ft2.958	Ft7.5228	2.3891
Ft2.278	Ft4.4218	2.38906
Ft3.1458	Ft4.4045	2.38901
Ft2.2477	Ft7.4952	2.38841
Ft4.1849	Ft7.2992	2.38841
Ft3.1060	Ft8.4301	2.38758
Ft4.4543	Ft7.2651	2.38693
Ft1.2516	Ft6.2215	2.38641
Ft3.2361	Ft3.2879	2.38613
Ft3.893	Ft8.3858	2.38591
Ft4.4128	Ft7.5263	2.38584
Ft4.4988	Ft8.1948	2.38576
Ft2.2651	Ft3.1861	2.38562
Ft1.2619	Ft5.2840	2.38553
Ft8.1558	Ft8.1868	2.38542
Ft6.148	Ft8.2320	2.38535
Ft7.3118	Ft8.3381	2.385
Ft7.5000	Ft8.1929	2.38434
Ft4.50	Ft5.1674	2.38417
Ft4.5920	Ft5.875	2.38407
Ft3.2544	Ft8.4957	2.38396
Ft6.1520	Ft7.5141	2.38357
Ft2.426	Ft2.6140	2.3835
Ft2.682	Ft4.1214	2.38328
Ft7.4852	Ft8.197	2.3831
Ft6.3300	Ft8.2753	2.38281
Ft2.3083	Ft8.3632	2.38278
Ft3.872	Ft4.790	2.38257
Ft2.6423	Ft8.2750	2.38251
Ft3.4033	Ft8.4843	2.38232
Ft2.4272	Ft2.4593	2.38203
Ft2.5998	Ft8.2875	2.38185
Ft4.3817	Ft6.556	2.38183
Ft2.2651	Ft3.385	2.38157
Ft4.5544	Ft6.111	2.38148
HiC_scaffold_5_1	liC_scaffold_5_33	2.38139
Ft2.675	Ft8.133	2.38119
Ft2.461	Ft4.961	2.3809
Ft7.1105	Ft7.4939	2.3806
Ft6.2427	Ft7.4938	2.38054
Ft3.1525	Ft3.2056	2.38015
Ft3.2879	Ft7.3075	2.38008
Ft1.1065	Ft5.596	2.37999
Ft2.2317	Ft3.814	2.37993
Ft7.1591	Ft7.3027	2.37992
Ft2.360	Ft4.6218	2.37983
Ft2.2953	Ft8.1559	2.3798
Ft4.5132	Ft8.1848	2.37962
Ft7.4955	Ft8.3977	2.37937
Ft6.2860	Ft7.2996	2.37918
Ft2.3600	Ft3.5248	2.37907
Ft5.2649	Ft5.2856	2.37886
Ft2.1925	Ft3.4669	2.37849

Fe3.4153	Fe4.6106	2.51934
Fe3.1794	Fe8.841	2.51921
Fe1.2368	Fe6.4213	2.51898
Fe3.2939	Fe5.14008	2.51866
Fe1.10243	Fe6.9851	2.5186
Fe3.13541	Fe7.9673	2.51854
Fe2.10318	Fe5.3275	2.51843
Fe6.2174	Fe8.10282	2.51824
Fe2.2670	Fe8.2667	2.51816
Fe6.10291	Fe8.7462	2.51806
Fe2.8850	Fe4.7275	2.51805
Fe3.4128	Fe7.11298	2.51776
Fe3.9363	Fe5.7819	2.5175
Fe4.8279	Hic.scaffold.12.224	2.51742
Fe1.3793	Fe2.2577	2.51724
Fe3.7455	Fe5.4462	2.51699
Fe4.1781	Fe8.10244	2.51685
Fe3.1808	Fe5.3028	2.51668
Fe3.2961	Fe4.3565	2.51658
Fe7.61	Fe7.1594	2.51634
Fe2.13270	Fe8.10048	2.51601
Fe4.5702	Fe6.11588	2.51598
Fe4.5081	Fe7.3313	2.51567
Fe1.13962	Fe8.3488	2.51562
Fe1.12063	Fe4.8299	2.51556
Fe4.9590	Fe8.6984	2.5155
Fe3.9683	Fe5.3275	2.515
Fe7.12946	Fe8.5007	2.51491
Fe2.7644	Fe7.1478	2.51452
Fe1.13271	Fe4.3860	2.5142
Fe2.2098	Fe5.11969	2.51415
Fe4.1217	Fe5.12722	2.51415
Fe3.3132	Fe8.6753	2.51405
Fe6.2961	Hic.scaffold.10.333	2.51401
Fe2.11274	Fe4.11846	2.51373
Fe2.530	Fe7.682	2.51358
Fe5.1774	Fe7.4261	2.51348
Fe2.8065	Fe3.6435	2.51335
Fe2.11899	Fe8.10960	2.51331
Fe3.7633	Fe4.4715	2.51308
Fe4.8154	Hic.scaffold.12.186	2.51304
Fe5.4944	Fe8.1641	2.51304
Fe3.13366	Fe8.10119	2.51302
Fe2.2478	Fe5.12411	2.51299
Fe2.10514	Hic.scaffold.10.197	2.51265
Fe4.12572	Fe5.1905	2.51258
Fe3.3098	Fe7.11908	2.51251
Fe3.8819	Fe5.6963	2.51238
Fe2.11595	Fe7.11317	2.51225
Fe3.13572	Fe7.1098	2.51213
Fe2.12934	Fe8.10997	2.51212
Fe2.13364	Fe6.11112	2.51198
Fe4.11895	Fe6.5797	2.51192
Fe5.12772	Fe8.10696	2.51181
Fe2.8236	Fe3.13815	2.51168
Ft1.2311	Ft4.130	2.37834
Ft2.5210	Ft7.570	2.37801
Ft1.2335	Ft2.5691	2.37792
Ft2.4644	Ft3.4077	2.3772
Ft3.3967	Ft7.706	2.37716
Ft5.1046	Ft6.353	2.37698
Ft1.658	Ft5.525	2.37669
Ft2.407	Ft3.1579	2.37661
Ft6.1480	Ft8.340	2.37654
Ft3.2792	Ft8.1257	2.37631
HiC_scaffold_5_2	iC_scaffold_5_32	2.37615
Ft6.671	Ft8.4455	2.37569
Ft2.5955	Ft7.3511	2.37542
Ft2.2515	Ft6.3248	2.37524
Ft2.6478	Ft5.897	2.37523
Ft7.3399	Ft8.1638	2.37509
Ft5.1672	Ft5.2918	2.37501
Ft1.402	Ft4.1954	2.375
Ft2.809	Ft2.2849	2.37499
Ft2.6478	Ft3.159	2.37485
Ft7.4976	Ft8.1284	2.3743
Ft4.4854	Ft7.419	2.37414
Ft5.617	Ft7.3035	2.37384
Ft3.3036	Ft3.3461	2.37345
Ft2.6469	Ft7.5134	2.37341
Ft4.2167	Ft8.2856	2.3731
Ft3.4183	Ft7.3084	2.3728
Ft1.2466	Ft6.1088	2.37232
Ft2.6036	Ft8.1265	2.37226
Ft5.874	Ft7.4877	2.372
Ft2.5765	Ft3.1317	2.37139
Ft1.2367	Ft2.6303	2.37107
Ft3.654	Ft3.2055	2.37107
Ft2.5240	Ft6.862	2.37097
Ft4.1180	Ft6.3328	2.37081
Ft2.2624	Ft8.1851	2.37041
Ft3.1512	Ft6.1375	2.37031
Ft3.3260	Ft7.4834	2.37011
Ft2.5936	Ft3.1264	2.3698
Ft4.103	Ft5.1358	2.3698
Ft3.1881	Ft7.1669	2.36953
Ft3.574	Ft4.6169	2.36953
Ft1.1659	Ft4.1150	2.36933
Ft4.5510	Ft8.1193	2.36906
Ft2.3781	Ft3.5452	2.36898
Ft2.4447	Ft3.1426	2.36882
Ft3.4794	Ft7.3057	2.3684
Ft2.668	Ft2.1843	2.3678
Ft2.161	Ft8.1211	2.36764
Ft2.1426	Ft7.1026	2.36728
Ft5.81	Ft5.2074	2.36706
Ft1.2764	Ft5.1535	2.36677
Ft5.431	Ft5.2910	2.36652
Ft3.1439	Ft7.4674	2.3663
Ft6.47	Ft8.2875	2.36621

Fe4.9353	Fe5.5299	2.51164
Fe2.11798	Fe4.506	2.51157
Fe2.14249	Fe7.1071	2.51138
Fe1.4932	Fe7.12727	2.51093
Fe3.13423	Fe6.6229	2.51079
Fe2.7057	Fe3.12743	2.51068
Fe3.4164	Fe8.11856	2.51068
Fe1.9691	Fe7.107	2.51063
Fe2.10231	Fe5.13152	2.5102
Fe4.14431	Fe7.12369	2.5102
Fe5.8045	Fe8.7059	2.51011
Fe7.11163	Fe8.4505	2.50982
Fe1.985	Fe1.13169	2.50976
Fe3.7776	Fe3.9242	2.50968
Fe4.4715	Fe7.13172	2.50942
Fe3.7446	Fe6.5336	2.50909
Fe1.13950	Fe2.2307	2.50908
Fe2.5204	Fe4.5424	2.50906
Fe4.4041	Hic.scaffold.12.260	2.50901
Fe7.3558	Fe7.6232	2.50901
Fe2.7940	Fe6.2315	2.50872
Fe3.7446	Fe8.5353	2.50862
Fe2.2768	Fe3.6095	2.5085
Fe8.686	Fe8.2506	2.50804
Fe2.10400	Fe4.1765	2.50786
Fe4.9370	Fe7.1690	2.50752
Fe2.861	Fe3.10198	2.50749
Fe1.8571	Fe4.3949	2.50745
Fe2.13334	Fe5.12377	2.50745
Fe2.12855	Fe5.10403	2.50726
Fe3.13814	Fe5.4056	2.50678
Fe6.9425	Fe8.3694	2.5067
Fe3.6640	Fe6.5193	2.50661
Fe2.8477	Fe6.2663	2.50641
Fe1.4814	Fe4.1669	2.50636
Fe2.2307	Fe2.6426	2.50626
Fe1.837	Hic.scaffold.12.143	2.5059
Fe3.2864	Fe4.11027	2.50566
Fe3.12219	Fe8.11320	2.50552
Fe1.12657	Hic.scaffold.10.392	2.50548
Fe1.9333	Fe7.11486	2.5054
Fe3.12324	Fe6.7808	2.50535
Fe3.7276	Fe4.11603	2.50529
Fe2.11724	Fe3.515	2.50524
Fe5.1666	Fe8.9828	2.50491
Fe2.12742	Fe6.10119	2.50462
Fe5.552	Fe7.691	2.5045
Fe2.13588	Fe5.14464	2.50431
Fe7.3780	Hic.scaffold.9.336	2.50429
Fe2.1998	Fe4.12711	2.50425
Fe3.13662	Fe8.10161	2.50408
Fe2.8727	Fe2.13862	2.50404
Fe2.4790	Fe5.9103	2.50399
Fe2.10263	Fe2.13295	2.5037
Fe4.9484	Fe6.4772	2.50342
Ft2.6463	Ft8.505	2.36575
Ft2.2216	Ft8.3925	2.36526
Ft2.2676	Ft4.779	2.36517
Ft2.2460	Ft8.1987	2.36505
Ft4.35	Ft8.1383	2.36498
Ft2.1865	Ft2.4618	2.36486
Ft3.2996	Ft7.3063	2.36478
Ft3.5459	Ft6.3279	2.36437
Ft7.3494	Ft8.2910	2.36398
Ft2.5955	Ft4.5625	2.36375
Ft1.2740	Ft3.4625	2.36343
Ft3.1872	Ft4.6120	2.36335
Ft2.1807	Ft2.2593	2.36325
Ft2.4577	Ft4.724	2.36295
Ft2.3988	Ft3.1865	2.36255
Ft2.2160	Ft8.4793	2.36145
Ft7.4712	Ft7.5030	2.36109
Ft2.3178	Ft5.874	2.36107
Ft1.384	Ft7.4892	2.36097
Ft4.4091	Ft7.3483	2.36097
Ft3.1515	Ft4.1917	2.36091
Ft1.1215	Ft2.3854	2.36042
Ft5.525	Ft7.4877	2.36041
Ft2.2810	Ft4.5625	2.35948
Ft4.4097	Ft4.4210	2.35937
Ft2.5194	Ft8.195	2.35933
Ft5.604	Ft5.2022	2.35921
Ft1.2899	Ft5.625	2.35894
Ft6.1533	Ft7.5172	2.35825
Ft1.1626	Ft7.4834	2.35822
Ft2.6044	Ft5.2384	2.35813
Ft2.382	Ft7.3932	2.358
Ft2.1062	Ft5.670	2.35795
Ft3.2556	Ft8.4906	2.35724
Ft3.334	Ft4.786	2.35681
Ft2.4618	Ft4.786	2.35675
Ft1.2720	Ft7.4014	2.35638
Ft4.5128	Ft8.1851	2.35627
Ft1.1642	Ft6.1934	2.35574
Ft1.258	Ft3.4663	2.35569
Ft3.1426	Ft6.17	2.35537
Ft2.5752	Ft6.44	2.35525
Ft2.5426	Ft3.5376	2.35507
Ft3.4817	Ft8.1736	2.35445
Ft4.126	Ft8.168	2.35426
Ft3.1904	Ft6.1039	2.35424
Ft2.6058	Ft7.5166	2.35419
Ft2.461	Ft3.3404	2.35382
Ft3.2516	Ft6.2472	2.35376
Ft3.4469	Ft6.1291	2.35373
Ft5.2858	Ft6.1273	2.35339
Ft6.919	Ft8.5211	2.35311
Ft1.2389	Ft5.2558	2.35305
HiC_scaffold_5_[iC_scaffold_5_16		2.35303
Ft4.1498	Ft5.2145	2.35286

Fe3.3515	Fe7.11158	2.50335	Ft7.2948	Ft7.3289	2.35284
Fe5.39	Fe8.10959	2.50323	Ft3.5646	Ft5.2937	2.35259
Fe1.9303	Fe4.5424	2.50321	Ft3.5459	Ft7.3973	2.35245
Fe6.11588	Hic.scaffold.9.336	2.50318	Ft6.1453	Ft7.330	2.35245
Fe2.8511	Fe6.5048	2.50275	Ft4.3191	Ft7.4834	2.35242
Fe2.11844	Fe7.543	2.50262	Ft2.6423	Ft6.3301	2.35226
Fe1.5218	Fe7.3582	2.50236	Ft3.141	Ft5.1070	2.35205
Fe1.14040	Fe2.12392	2.50226	Ft1.408	Ft7.1914	2.35201
Fe5.12444	Fe6.4477	2.50213	Ft3.2516	Ft7.2920	2.35163
Fe4.5424	Fe5.8240	2.50152	Ft5.626	Ft8.4121	2.35124
Fe3.9201	Fe8.10698	2.50126	Ft2.4442	Ft2.5910	2.35117
Fe1.7314	Fe7.7155	2.50115	Ft3.2801	Ft7.3118	2.35116
Fe1.10062	Fe4.903	2.5011	Ft2.634	Ft6.1839	2.35114
Fe6.6287	Fe7.3846	2.50106	Ft2.308	Ft6.2922	2.3508
Fe3.469	Hic.scaffold.9.455	2.50104	Ft2.4035	Ft7.323	2.35076
Fe5.10899	Fe7.344	2.50092	Ft2.2477	Ft3.3495	2.35054
Fe2.7794	Fe3.5641	2.50055	Ft3.2037	Ft4.3096	2.35047
Fe4.11027	Fe4.11728	2.50039	Ft2.3527	Ft3.5191	2.35031
Fe7.1097	Fe7.4418	2.50037	Ft3.4389	Ft5.859	2.3503
Fe2.12293	Fe7.681	2.50035	Ft1.880	Ft5.727	2.35014
Fe3.13803	Fe6.1677	2.5003	Ft1.2368	Ft2.6463	2.34995
Fe4.5081	Fe5.2050	2.50028	Ft7.3725	Ft7.4862	2.34978
Fe5.3355	Fe6.3677	2.50021	Ft7.2706	Ft8.2969	2.34977
Fe3.13572	Fe7.4323	2.50016	Ft3.441	Ft6.1150	2.34925
Fe4.7395	Fe6.11758	2.49997	Ft2.958	Ft8.3896	2.34915
Fe1.13778	Fe3.1636	2.49985	Ft2.2376	Ft8.1294	2.34907
Fe2.10339	Fe2.11595	2.49969	Ft1.849	Ft2.6175	2.34868
Fe2.8734	Fe3.960	2.49945	Ft6.2467	Ft8.4334	2.34862
Fe3.13572	Fe6.6316	2.4985	Ft3.5225	Ft4.5871	2.34834
Fe8.10029	Fe8.11505	2.49842	Ft2.254	Ft6.1984	2.34769
Fe3.10158	Fe7.4013	2.4983	Ft5.1624	Ft5.2826	2.34765
Fe3.7276	Fe8.2530	2.49821	Ft3.1915	Ft4.678	2.34762
Fe4.851	Fe4.12393	2.49817	Ft6.3366	Ft7.4695	2.3474
Fe6.10778	Fe7.7007	2.49804	Ft7.1209	Ft7.1663	2.34705
Fe2.7614	Fe4.6048	2.4978	Ft5.415	Ft5.1112	2.34666
Fe2.8575	Fe8.8489	2.4978	Ft3.850	Ft3.1877	2.34651
Fe5.9187	Fe8.3073	2.49764	Ft5.695	Ft7.4903	2.3463
Fe6.10224	Fe7.9027	2.49759	Ft7.3965	Ft8.3744	2.34613
Fe2.11189	Fe3.12141	2.49753	Ft4.2152	Ft8.2799	2.3461
Fe3.12181	Fe6.5896	2.49748	Ft4.412	Ft4.5556	2.34609
Fe2.13212	Fe8.10929	2.49746	Ft3.3883	Ft4.2142	2.34603
Fe2.8187	Fe8.3766	2.49737	Ft3.2090	Ft6.1953	2.34583
Fe5.14501	Fe8.11380	2.49733	Ft3.982	Ft8.460	2.34572
Fe2.5041	Fe6.4533	2.49728	Ft2.5358	Ft4.499	2.34552
Fe4.658	Fe8.1600	2.49726	Ft3.2777	Ft4.3846	2.34493
Fe2.11663	Fe8.7426	2.49718	Ft6.1478	Ft8.313	2.34492
Fe5.4059	Fe7.765	2.49688	Ft2.3361	Ft6.2402	2.34437
Fe7.7223	Fe8.4653	2.49652	Ft4.3973	Ft8.2159	2.34289
Fe7.9640	Fe8.7215	2.49626	Ft3.3326	Ft3.3592	2.34282
Fe1.13120	Fe8.10669	2.49618	Ft3.3287	Ft4.2636	2.34277
Fe4.910	Hic.scaffold.10.531	2.49604	Ft5.1565	Ft7.2788	2.34253
Fe1.10399	Fe2.10254	2.49588	Ft3.361	Ft4.4229	2.34226
Fe3.6095	Hic.scaffold.13.215	2.49588	Ft7.2362	Ft8.2905	2.3421
Fe4.8299	Fe5.2581	2.49581	Ft1.928	Ft6.1520	2.34178
Fe1.2375	Fe6.2593	2.49539	Ft1.186	Ft1.1488	2.34149

Fe5.3876	Fe7.6337	2.49537	Ft2.2506	Ft8.4809	2.34113
Fe3.10	Fe8.3743	2.49491	Ft2.5699	Ft4.135	2.34096
Fe2.1892	Fe3.5975	2.49489	Ft1.2422	Ft7.1038	2.34081
Fe6.1249	Fe8.5521	2.49489	Ft6.3229	Ft7.2439	2.34016
Fe2.9429	Fe6.10760	2.49488	Ft6.1442	Ft7.3146	2.34013
Fe3.7735	Fe6.6203	2.49475	Ft2.5433	Ft7.4972	2.33951
Fe2.11212	Fe4.1959	2.49454	Ft8.522	Ft8.1917	2.33951
Fe2.5185	Fe5.9005	2.49424	Ft3.1209	Ft5.408	2.33931
Fe6.4877	Fe7.2514	2.49417	Ft2.2438	Ft2.5605	2.33925
Fe6.5619	Fe7.7422	2.49417	Ft1.2613	Ft4.893	2.33898
Fe5.14442	Fe7.434	2.49408	Ft5.1028	Ft8.3148	2.33887
Fe3.5097	Fe4.7036	2.49402	Ft1.609	Ft5.411	2.33871
Fe6.1900	Fe6.7711	2.49401	Ft3.3177	Ft4.986	2.33868
Fe3.5063	Fe4.9906	2.4936	Ft2.5360	Ft3.1772	2.33834
Fe5.13713	Fe7.148	2.49345	Ft5.604	Ft7.3878	2.33826
Fe4.3755	Fe6.4877	2.49304	Ft4.219	Ft8.4818	2.33812
Fe2.11097	Fe6.3634	2.49274	Ft3.1867	Ft3.5105	2.33798
Fe6.10778	Fe7.3277	2.49269	Ft3.1241	Ft4.5994	2.33734
Fe2.10481	Fe4.12231	2.49255	Ft3.4390	Ft7.4834	2.33653
Fe5.6857	Fe8.6396	2.49252	Ft4.6147	Ft7.2652	2.33601
Fe3.4422	Fe3.7728	2.49247	Ft7.3849	Ft7.5253	2.336
Fe4.5702	Fe7.8079	2.49244	Ft4.4634	Ft5.2979	2.33561
Fe4.4482	Fe5.617	2.49233	Ft3.666	Ft3.1986	2.33554
Fe6.12073	Fe7.10220	2.49206	Ft2.2270	Ft3.365	2.33544
Fe6.4696	Fe6.10704	2.49206	Ft3.2297	Ft8.3399	2.33537
Fe1.1933	Fe1.14111	2.49202	Ft3.2422	Ft5.1479	2.33505
Fe6.3270	Fe8.4653	2.49179	Ft3.3364	Ft8.304	2.33488
Fe3.13761	Fe6.1694	2.49177	Ft1.2803	Ft2.517	2.33457
Fe2.11569	Fe3.8694	2.49162	Ft4.3782	Ft6.2472	2.33442
Fe4.12327	Fe6.9324	2.49149	Ft4.541	Ft8.3104	2.33397
Fe3.14486	Fe4.5799	2.49131	Ft2.6398	Ft5.575	2.33371
Fe4.14361	Fe6.661	2.49119	Ft4.5455	Ft7.3128	2.33323
Fe4.4715	Fe7.4260	2.49111	Ft3.2839	Ft7.2993	2.33263
Fe4.11990	Hic.scaffold.9.521	2.49101	Ft2.3243	Ft8.2426	2.33252
Fe6.10178	Fe7.11467	2.49099	Ft1.384	Ft8.4108	2.33242
Fe2.11438	Fe8.9130	2.49083	Ft7.4794	Ft8.1789	2.33237
Fe1.872	Fe7.3714	2.49069	Ft2.4604	Ft4.1382	2.33218
Fe1.12095	Fe6.7547	2.49046	Ft3.3396	Ft7.3927	2.33189
Fe2.2135	Fe6.11638	2.49042	Ft1.2807	Ft6.998	2.33146
Fe1.2267	Fe3.12008	2.4904	Ft2.5791	Ft4.878	2.33138
Fe1.14595	Fe6.1795	2.49031	Ft2.6228	Ft8.2888	2.33134
Fe2.13777	Fe8.5290	2.49011	Ft2.6488	Ft5.1646	2.33088
Fe3.12062	Fe5.10868	2.49002	Ft6.3367	Ft7.4696	2.33088
Fe7.11096	Fe8.781	2.48964	Ft2.4530	Ft4.821	2.33084
Fe4.3860	Fe7.11467	2.48953	Ft2.466	Ft4.4510	2.3308
Fe6.2334	Fe6.3552	2.48953	Ft2.6092	Ft8.1318	2.33077
Fe6.2885	Fe6.12025	2.48934	Ft3.1096	Ft4.5629	2.33066
Fe1.10773	Fe6.7806	2.48913	Ft7.2232	Ft8.1638	2.33062
Fe6.1249	Fe8.3743	2.48893	Ft1.301	Ft4.1018	2.33056
Fe7.9841	Fe8.7458	2.48855	Ft1.626	Ft7.483	2.32985
Fe3.608	Fe6.9246	2.4881	Ft2.4315	Ft7.2375	2.3298
Fe3.12000	Fe8.8010	2.48809	Ft4.5964	Ft5.393	2.32959
Fe4.229	Fe7.12138	2.48803	Ft3.629	Ft3.1047	2.32884
Fe5.14312	Fe7.1521	2.48794	Ft2.5522	Ft8.3352	2.32881
Fe1.4932	Fe5.2927	2.48782	Ft6.2414	Ft8.3746	2.32853

Fe3.11892	Fe8.10719	2.48752	Ft2.3356	Ft8.4008	2.32844
Fe5.12293	Fe7.11743	2.48697	Ft3.99	Ft5.1095	2.32789
Fe7.8090	Fe8.2073	2.48648	Ft2.4779	Ft2.5824	2.32752
Fe2.12259	Fe4.4633	2.48636	Ft4.5590	Ft7.5240	2.32748
Fe2.1592	Fe3.2062	2.48633	Ft2.896	Ft4.735	2.32667
Fe2.12780	Fe4.13868	2.48624	Ft2.451	Ft6.1510	2.32663
Fe1.13906	Fe8.11025	2.48616	Ft2.2681	Ft8.3679	2.32623
Fe2.3229	Fe5.3994	2.48593	Ft2.6439	Ft4.4111	2.32561
Fe2.13488	Fe4.11183	2.48576	Ft5.1871	Ft7.5312	2.32559
Fe2.11122	Fe5.10011	2.48544	Ft4.6234	Ft6.1615	2.32454
Fe2.12868	Fe8.7077	2.48509	Ft4.431	Ft7.930	2.32431
Fe4.13263	Fe7.3714	2.48501	Ft1.677	Ft5.2612	2.32415
Fe2.7678	Fe4.6338	2.48473	Ft5.1373	Ft6.813	2.32412
Fe1.12052	Fe4.3884	2.48471	Ft2.5219	Ft4.5768	2.32353
Fe3.1331	Fe3.12181	2.48447	Ft6.427	Ft8.212	2.32348
Fe1.8532	Fe8.3891	2.48443	Ft3.3797	Ft3.5264	2.32342
Fe6.1808	Fe7.11404	2.48429	Ft6.683	Ft6.3333	2.32283
Fe4.12002	Fe6.10501	2.484	Ft5.1546	Ft8.4516	2.32227
Fe4.14485	Fe7.2511	2.48349	Ft8.1530	Ft8.4793	2.32218
Fe1.9924	Fe4.2989	2.48346	Ft1.2406	Ft8.3481	2.32195
Fe2.759	Fe6.11369	2.48338	Ft1.2307	Ft1.2720	2.32173
Fe5.6418	Fe7.5158	2.48336	Ft6.3245	Ft7.2453	2.32158
Fe1.3576	Fe3.12611	2.4833	Ft2.5478	Ft7.4800	2.32149
Fe7.11405	Fe8.7348	2.48252	Ft1.2797	Ft4.761	2.32137
Fe1.13926	Fe2.13525	2.48251	Ft2.6438	Ft3.131	2.32099
Fe3.591	Fe5.9685	2.4825	Ft2.3057	Ft2.6624	2.32095
Fe5.3608	Fe8.9970	2.48244	Ft7.2599	Ft8.168	2.32087
Fe1.2305	Fe3.10198	2.48232	Ft1.2633	Ft4.908	2.3204
Fe2.491	Fe7.382	2.48231	Ft1.2351	Ft5.1531	2.32025
Fe7.11189	Fe8.7142	2.4822	Ft1.1626	Ft3.1877	2.31999
Fe3.9962	Fe4.8609	2.48217	Ft3.1263	Ft7.3892	2.3195
Fe6.10224	Fe8.8170	2.48201	Ft4.1983	Ft7.1599	2.31942
Fe5.2898	Fe7.4342	2.48184	Ft2.2523	Ft2.2561	2.3191
Fe6.163	Fe7.2531	2.48159	Ft3.533	Ft8.2624	2.31891
Fe4.11603	Fe6.9640	2.48158	Ft1.2619	Ft6.111	2.31859
Fe6.2269	Fe8.11417	2.48158	Ft1.944	Ft6.1517	2.31783
Fe5.89	Fe6.3545	2.48141	Ft1.658	Ft5.874	2.31709
Fe1.9425	Fe5.10740	2.48112	Ft4.744	Ft7.1026	2.31671
Fe4.1687	Fe4.12002	2.48112	Ft4.2850	Ft7.3013	2.31618
Fe2.10751	Fe8.11567	2.48091	Ft2.5166	Ft4.1103	2.31571
Fe7.1676	Fe7.11142	2.48087	Ft2.3046	Ft3.722	2.31566
Fe7.5826	Fe7.9796	2.48086	Ft2.688	Ft8.2830	2.3156
Fe3.12348	Fe4.1785	2.48068	Ft1.677	Ft7.359	2.31539
Fe6.1988	Fe6.2751	2.48052	Ft2.586	Ft3.2376	2.31539
Fe1.10340	Fe1.13001	2.48042	Ft3.2361	Ft5.1667	2.31529
Fe2.2713	Fe2.8362	2.48014	Ft3.104	Ft5.1088	2.315
Fe2.11403	Hic.scaffold.13.200	2.48009	Ft3.5264	Ft5.2903	2.31454
Fe4.5081	Fe5.2705	2.48009	Ft1.334	Ft4.3475	2.31416
Fe4.487	Fe4.13087	2.48005	Ft2.1622	Ft2.2047	2.31361
Fe2.10797	Fe4.12265	2.47997	Ft1.612	Ft6.1139	2.31302
Fe3.12000	Fe6.9494	2.47978	Ft7.505	Ft8.3328	2.31261
Fe2.10408	Fe6.12040	2.47953	Ft2.4615	Ft4.1891	2.31239
Fe2.10863	Fe5.4191	2.47948	Ft2.5736	Ft5.2799	2.31202
Fe1.9303	Fe2.8930	2.47909	Ft1.2326	Ft2.3087	2.31158
Fe3.13921	Fe7.12851	2.47884	Ft3.2793	Ft7.3027	2.31155

Fe2.8524	Fe6.1808	2.47882	Ft3.909	Ft4.4621	2.31142
Fe2.12770	Fe4.5702	2.47872	Ft4.5441	Ft5.2378	2.31139
Fe7.9262	Fe7.11467	2.47869	Ft1.2360	Ft5.2897	2.31124
Fe2.7739	Fe7.2934	2.47867	Ft1.2381	Ft3.1185	2.31117
Fe1.14529	Fe6.11049	2.47864	Ft5.1381	Ft7.5143	2.31091
Fe2.1358	Fe5.1744	2.47861	Ft6.2333	Ft8.1446	2.3108
Fe3.7455	Fe4.7968	2.47848	Ft2.2323	Ft8.1724	2.31073
Fe2.8727	Fe7.12727	2.47827	Ft2.896	Ft3.2018	2.31057
Fe2.3086	Fe2.9312	2.4781	Ft6.2192	Ft7.3092	2.31015
Fe2.5041	Fe5.3635	2.47805	Ft4.5545	Ft5.2840	2.30975
Fe2.5017	Fe7.3237	2.47766	Ft4.903	Ft7.2439	2.30968
Fe4.5337	Fe7.4988	2.47732	Ft2.2460	Ft7.4939	2.3096
Fe6.11221	Fe7.1105	2.47726	Ft4.5958	Ft8.235	2.30816
Fe1.12283	Fe4.12335	2.47725	Ft4.1189	Ft7.2760	2.30801
Fe2.9217	Fe3.973	2.477	Ft3.1356	Ft4.162	2.30796
Fe3.14148	Fe8.10736	2.47697	Ft3.1227	Ft5.2855	2.30696
Fe1.11848	Fe3.10362	2.47653	Ft2.311	Ft3.1525	2.30692
Fe2.8169	Fe3.13844	2.47638	Ft2.4120	Ft8.1722	2.30663
Fe7.5469	Fe8.9887	2.47617	Ft2.6127	Ft8.4923	2.30631
Fe1.9808	Fe4.1191	2.47611	Ft2.6440	Ft6.3391	2.30611
Fe4.3845	Fe7.7422	2.47609	Ft4.3131	Ft8.3216	2.30598
Fe2.844	Fe3.7728	2.47608	Ft2.280	Ft2.5040	2.30578
Fe3.13366	Fe7.5110	2.47597	Ft3.1426	Ft8.4000	2.30561
Fe4.1218	Fe5.12697	2.47591	Ft3.385	Ft3.2029	2.3056
Fe6.865	Fe8.10246	2.47573	Ft7.1879	Ft8.3007	2.30481
Fe2.839	Fe3.13798	2.47568	Ft3.1826	Ft3.2055	2.30416
Fe3.12161	Fe3.13794	2.47559	Ft5.2857	Ft6.3273	2.30404
Fe2.10337	Fe5.12246	2.47553	Ft7.476	Ft8.3338	2.30395
Fe5.4287	Fe5.9187	2.47541	Ft5.882	Ft7.3035	2.30381
Fe3.7728	Fe4.11603	2.47501	Ft3.1238	Ft5.235	2.3038
Fe1.9899	Fe6.3562	2.47492	Ft2.5107	Ft2.6162	2.30353
Fe1.14239	Fe5.3761	2.47455	Ft1.2676	Ft5.1343	2.30334
Fe2.1651	Fe5.13716	2.47452	Ft2.2754	Ft8.1762	2.30323
Fe2.359	Fe3.12261	2.47451	Ft3.1861	Ft7.4952	2.30304
Fe2.7469	Fe3.13483	2.47448	Ft2.6555	Ft3.5774	2.30295
Fe3.13439	Fe7.12627	2.47401	Ft3.946	Ft7.4947	2.30285
Fe3.2864	Fe4.2849	2.47371	Ft4.5964	Ft6.2471	2.30254
Fe1.2834	Fe2.13501	2.47348	Ft1.1961	Ft4.1642	2.30245
Fe7.3724	Fe8.565	2.47337	Ft2.6099	Ft7.2802	2.30226
Fe4.750	Fe7.1188	2.47332	Ft4.2000	Ft4.2115	2.30152
Fe4.11728	Fe6.10653	2.47273	Ft7.1016	Ft8.307	2.30087
Fe2.11200	Fe5.9228	2.47255	Ft5.630	Ft6.436	2.30086
Fe2.12670	Fe3.12261	2.47255	Ft5.436	Ft7.3681	2.30077
Fe2.13855	Fe8.11053	2.47252	Ft4.2935	Ft7.3046	2.30073
Fe4.7447	Fe5.10931	2.47229	Ft2.6073	Ft8.2563	2.30061
Fe3.14023	Fe4.3336	2.4718	Ft2.983	Ft8.370	2.30053
Fe1.3793	Fe6.9086	2.47174	Ft3.1305	Ft4.1833	2.30048
Fe3.389	Fe3.2536	2.47167	Ft6.3313	Ft8.3215	2.30042
Fe3.5642	Fe5.8379	2.47152	Ft6.436	Ft7.4852	2.30039
Fe1.10389	Fe4.6007	2.47148	Ft3.879	Ft4.669	2.3003
Fe2.8018	Fe4.13927	2.47148	Ft4.2152	Ft6.2664	2.3001
Fe2.1368	Fe2.13840	2.47127	Ft2.6116	Ft7.3058	2.30005
Fe1.14499	Fe4.2030	2.47124	Ft3.1342	Ft8.3271	2.29994
Fe2.1135	Fe4.5133	2.47109	Ft1.2668	Ft8.327	2.29948
Fe1.9532	Fe6.10111	2.47104	Ft3.1247	Ft8.4852	2.29943

Fe5.9051	Fe7.12717	2.47102
Fe2.3199	Fe8.10763	2.47096
Fe1.2342	Fe5.3188	2.47089
Fe6.7711	Fe8.5378	2.47072
Fe3.8743	Fe7.6703	2.47069
Fe4.572	Fe8.1444	2.47057
Fe4.9341	Fe8.1527	2.47056
Fe5.3566	Fe5.9630	2.47052
Fe2.10750	Fe2.12984	2.47048
Fe2.10518	Fe2.13120	2.47028
Fe1.765	Hic.scaffold.13.277	2.47026
Fe3.13989	Fe7.12693	2.47022
Fe7.656	Fe8.6376	2.47003
Fe2.9527	Fe4.2063	2.46997
Fe4.3125	Fe6.9481	2.46972
Fe2.359	Hic.scaffold.10.365	2.4695
Fe3.3736	Fe4.9731	2.46938
Fe4.7514	Fe5.6085	2.46933
Fe2.5185	Fe6.9342	2.46915
Fe3.5749	Fe4.11755	2.46888
Fe4.6000	Fe8.1616	2.46869
Fe5.1828	Hic.scaffold.9.396	2.46862
Fe7.12784	Fe8.5256	2.46854
Fe2.10576	Fe3.13774	2.46843
Fe8.7426	Fe8.9851	2.46843
Fe1.3109	Fe6.3100	2.46829
Fe1.4840	Fe1.10742	2.46823
Fe3.13435	Fe4.10660	2.46823
Fe2.14080	Fe3.3873	2.46822
Fe3.9943	Hic.scaffold.9.314	2.46817
Fe1.14144	Fe5.3175	2.46808
Fe2.13875	Fe8.10551	2.46801
Fe2.8401	Fe7.682	2.4679
Fe4.2932	Fe6.5270	2.46772
Fe5.14353	Fe7.12727	2.46725
Fe5.8373	Fe7.6232	2.46722
Fe3.4153	Fe5.1127	2.46718
Fe4.4874	Fe5.7594	2.46712
Fe3.9363	Fe7.10199	2.46705
Fe7.3846	Fe7.5704	2.46704
Fe2.8449	Fe7.10070	2.46692
Fe6.3293	Fe8.10188	2.46671
Fe7.420	Fe7.2401	2.46657
Fe6.9342	Fe8.1616	2.46656
Fe3.2961	Fe4.10979	2.4662
Fe2.12685	Fe5.2779	2.46617
Fe3.12200	Fe6.9484	2.46612
Fe6.10064	Fe8.5277	2.46604
Fe5.3642	Fe8.11349	2.46584
Fe2.8446	Hic.scaffold.13.215	2.46548
Fe2.11424	Fe3.4153	2.46542
Fe1.7128	Fe2.2577	2.46525
Fe1.12072	Fe2.2630	2.46519
Fe2.8187	Fe2.10387	2.46481
Fe2.2732	Fe4.1236	2.46466
Ft2.1128	Ft2.1426	2.29922
Ft4.3570	Ft8.3485	2.29914
Ft4.4854	Ft7.3115	2.29912
Ft2.4797	Ft2.5835	2.29895
Ft2.6630	Ft4.5602	2.29887
Ft2.5219	Ft2.6127	2.29873
Ft7.2411	Ft8.3340	2.2987
Ft2.4117	Ft3.694	2.29865
Ft1.1652	Ft8.4980	2.29799
Ft2.4817	Ft5.483	2.2979
Ft2.4644	Ft3.1426	2.29763
Ft5.900	Ft7.4918	2.29748
Ft5.2254	Ft6.2225	2.29747
Ft3.4666	Ft7.3775	2.29723
Ft2.2494	Ft7.425	2.29712
Ft6.1627	Ft8.1787	2.29709
Ft2.407	Ft6.2872	2.2968
HiC_scaffold_5_1	iC_scaffold_5_34	2.2967
Ft2.6069	Ft7.3342	2.29665
Ft3.3034	Ft8.677	2.29661
Ft3.2018	Ft4.5624	2.29657
Ft2.6077	Ft7.3045	2.29651
Ft3.5259	Ft4.5846	2.29643
Ft3.4984	Ft4.943	2.29638
Ft3.683	Ft8.4247	2.29633
Ft1.407	Ft1.2843	2.29621
Ft2.2203	Ft8.3918	2.29607
Ft1.152	Ft1.2601	2.29598
Ft5.949	Ft7.4842	2.29505
Ft2.934	Ft4.4111	2.29474
Ft2.649	Ft7.110	2.29462
Ft3.3592	Ft8.4301	2.2944
Ft3.1063	Ft8.288	2.29434
Ft2.4508	Ft4.3846	2.29411
Ft3.5173	Ft8.4599	2.29367
Ft4.4798	HiC.scaffold.5.57	2.29292
Ft3.989	Ft3.5569	2.29291
Ft7.2948	Ft7.3278	2.29269
Ft2.335	Ft2.5180	2.29244
Ft2.1804	Ft4.2100	2.29225
Ft1.2298	Ft4.2147	2.29218
Ft7.434	Ft7.635	2.29209
Ft6.806	Ft8.119	2.29206
Ft2.6423	Ft6.1330	2.29165
Ft2.3793	Ft3.5475	2.29135
Ft6.3391	Ft8.1885	2.29133
Ft2.4508	Ft7.3046	2.29067
Ft2.2596	Ft7.879	2.29029
Ft4.3095	Ft5.2772	2.29004
Ft1.1700	Ft7.5241	2.28997
Ft4.5647	Ft5.738	2.28954
Ft5.1661	Ft7.3051	2.28931
Ft1.314	Ft5.613	2.2893
Ft7.1111	Ft7.1775	2.28904
Ft2.4424	Ft3.2904	2.28882

Fe3.3515	Hic.scaffold.9.212	2.4646	Ft1.287	Ft6.1343	2.28851
Fe1.228	Fe6.2165	2.46432	Ft1.2419	Ft8.4273	2.28782
Fe2.9665	Fe3.5822	2.46429	Ft3.5459	Ft7.5141	2.28769
Fe4.14201	Fe6.2979	2.46418	Ft1.738	Ft5.724	2.28765
Fe1.3724	Fe3.6555	2.46401	Ft3.879	Ft3.3287	2.28759
Fe5.1712	Fe7.5467	2.4638	Ft3.1254	Ft7.2423	2.28731
Fe4.3971	Fe4.11537	2.46366	Ft2.5908	Ft8.4368	2.28724
Fe3.3078	Fe3.6713	2.4631	Ft3.533	Ft4.5964	2.28712
Fe5.1926	Fe8.719	2.46295	Ft2.4515	Ft3.4803	2.28708
Fe3.13532	Fe7.536	2.4628	Ft7.2411	Ft8.2746	2.28704
Fe3.4105	Fe6.10468	2.46258	Ft2.5358	Ft4.5857	2.28677
Fe3.11944	Fe5.13419	2.46248	Ft7.4681	Ft8.5253	2.28675
Fe1.10211	Fe4.6413	2.46226	Ft7.764	Ft7.2661	2.2862
Fe1.9986	Fe6.3508	2.46223	Ft2.1091	Ft3.3050	2.28615
Fe7.378	Fe8.10822	2.46222	Ft2.283	Ft6.1537	2.28592
Fe3.9992	Fe5.10388	2.4622	Ft5.321	Ft5.719	2.28589
Fe2.8850	Fe3.3325	2.46216	Ft2.3062	Ft2.3855	2.28577
Fe6.3212	Fe8.4322	2.46216	Ft4.2249	Ft8.828	2.28553
Fe5.12454	Fe6.11010	2.46209	Ft2.4197	Ft8.5237	2.28524
Fe3.13825	Fe4.2273	2.46203	Ft2.3092	Ft4.1984	2.28507
Fe7.161	Fe8.7877	2.46189	Ft3.1278	Ft6.1473	2.28438
Fe3.4015	Fe7.2857	2.46178	Ft5.472	Ft5.1028	2.28438
Fe4.414	Fe4.13712	2.46175	Ft3.1021	Ft6.2950	2.28397
Fe2.2207	Fe4.2849	2.46173	Ft5.389	Ft5.665	2.28389
Fe1.10102	Fe2.9462	2.46169	Ft2.4857	Ft2.5906	2.28385
Fe4.3943	Fe7.3846	2.46163	Ft3.3216	Ft8.174	2.28369
Fe4.11728	Fe7.4837	2.46146	Ft4.4338	Ft8.304	2.28347
Fe2.2243	Fe5.4523	2.46117	Ft2.2522	Ft4.659	2.28342
Fe3.6640	Fe5.6169	2.46116	Ft2.6176	Ft7.3468	2.28309
Fe2.13798	Fe5.13713	2.46101	Ft2.2863	Ft4.1129	2.28302
Fe3.3708	Fe4.3812	2.46091	Ft1.1559	Ft8.3623	2.28288
Fe5.12200	Fe5.13422	2.46077	Ft4.1189	Ft6.3317	2.28273
Fe2.5010	Fe5.3594	2.46073	Ft3.2879	Ft8.3962	2.28269
Fe7.6352	Fe8.7877	2.46073	Ft2.749	Ft3.1327	2.28167
Fe2.13662	Fe5.13128	2.46067	Ft2.5525	Ft8.3381	2.28159
Fe6.2156	Fe8.11860	2.46051	Ft1.2828	Ft2.4833	2.28154
Fe2.13327	Fe4.12246	2.4605	Ft3.446	Ft3.5243	2.28144
Fe2.11784	Fe5.10280	2.46037	Ft3.3055	Ft7.3081	2.28143
Fe4.1533	Fe8.7086	2.46007	Ft4.3793	Ft8.590	2.2808
Fe6.5989	Fe8.5702	2.45999	Ft2.1015	Ft4.2186	2.28061
Fe3.10875	Fe4.628	2.45998	Ft2.671	Ft7.2935	2.28049
Fe1.9404	Fe8.9117	2.45989	Ft4.3043	Ft7.1860	2.28023
Fe1.9691	Fe6.5828	2.45879	Ft2.2963	Ft4.6047	2.2802
Fe3.2466	Fe7.1101	2.45879	Ft2.6517	Ft8.3678	2.2802
Fe3.6012	Fe7.3777	2.45858	Ft4.167	Ft7.434	2.28019
Fe1.6135	Fe5.6028	2.45846	Ft3.1370	Ft7.1060	2.27966
Fe2.13845	Fe3.975	2.45843	Ft3.1406	Ft8.1623	2.27912
Fe2.3727	Fe3.2503	2.45816	Ft7.2956	Ft8.2462	2.27904
Fe4.11244	Fe5.14479	2.45744	Ft2.608	Ft7.3004	2.27902
Fe1.6135	Fe8.1433	2.45704	Ft1.2066	Ft4.3414	2.27863
Fe2.3081	Fe2.10935	2.45688	Ft3.608	Ft4.4594	2.27797
Fe3.13911	Fe6.11089	2.45686	Ft3.4217	Ft7.3413	2.27657
Fe5.11712	Fe7.6232	2.45686	Ft3.1499	Ft6.90	2.27628
Fe5.12583	Fe8.7445	2.45678	Ft3.916	Ft6.2232	2.27622
Fe4.9655	Fe7.1690	2.45676	Ft3.2963	Ft8.644	2.27615

Fe7.8137	Fe8.9045	2.4567	Ft1.707	Ft7.3532	2.27564
Fe2.8449	Fe7.9956	2.45625	Ft7.4843	Ft7.5143	2.27563
Fe1.11493	Fe4.11364	2.4562	Ft3.1907	Ft4.3548	2.27543
Fe4.9850	Fe7.1772	2.45602	Ft1.2387	Ft2.2651	2.27538
Fe5.13223	Hic.scaffold.10.561	2.45576	Ft2.615	Ft4.1630	2.27488
Fe4.1882	Fe4.4801	2.45563	Ft2.3499	Ft4.5927	2.27447
Fe4.7901	Fe7.3716	2.45556	Ft2.4910	Ft8.1619	2.27426
Fe5.7386	Fe7.6295	2.45556	Ft2.5279	Ft4.1361	2.27394
Fe6.10915	Fe7.3271	2.45548	Ft1.2738	Ft4.4061	2.27364
Fe7.3277	Fe8.5691	2.45542	Ft2.924	Ft3.1011	2.27358
Fe2.404	Fe8.10802	2.45509	Ft1.346	Ft2.6024	2.27335
Fe2.11081	Fe5.9792	2.45493	Ft7.2257	Ft7.2439	2.27289
Fe1.3994	Fe4.7447	2.45491	Ft2.4677	Ft6.3322	2.27283
Fe8.10184	Fe8.10338	2.45471	Ft2.4529	Ft2.5316	2.27279
Fe6.7425	Fe8.9990	2.4543	Ft2.6573	Ft3.390	2.27278
Fe2.491	Fe4.3914	2.4541	Ft2.616	Ft3.2356	2.27234
Fe2.970	Fe7.8137	2.45373	Ft5.1804	Ft7.4843	2.27178
Fe7.1050	Fe7.3469	2.45368	Ft4.6204	Ft6.1624	2.27173
Fe2.11671	Fe7.160	2.45348	Ft2.840	Ft7.419	2.27123
Fe1.9769	Fe2.9277	2.45344	Ft2.3046	Ft7.2122	2.27116
Fe1.10399	Fe4.4841	2.45325	Ft2.4577	Ft6.875	2.27113
Fe3.9713	Fe8.2530	2.45316	Ft4.4133	Ft7.414	2.27097
Fe1.10460	Fe3.4689	2.45269	Ft4.4111	Ft8.3564	2.27096
Fe2.11251	Fe8.9318	2.45263	Ft4.2860	Ft4.5440	2.27085
Fe2.10534	Fe2.13082	2.45252	Ft3.1173	Ft4.1830	2.27083
Fe3.1842	Fe8.10153	2.45249	Ft1.2725	Ft4.1020	2.27073
Fe4.9850	Fe7.4894	2.45201	Ft2.2523	Ft7.1052	2.27063
Fe6.932	Fe8.8508	2.45191	Ft1.164	Ft6.2096	2.27046
Fe6.9302	Fe7.6811	2.45167	Ft4.219	Ft6.2402	2.27033
Fe2.1947	Fe3.6095	2.45155	Ft3.1489	Ft7.4636	2.2703
Fe1.10732	Fe3.13546	2.45147	Ft4.659	Ft8.3215	2.27028
Fe2.4113	Fe3.13974	2.45133	Ft3.4144	Ft7.2726	2.27017
Fe6.3103	Fe7.1676	2.45111	Ft7.3054	Ft7.5099	2.27017
Fe3.5763	Fe4.5622	2.45078	Ft2.4459	Ft8.4277	2.27015
Fe2.11239	Fe3.14252	2.45076	Ft7.2257	Ft8.1609	2.2699
Fe2.10751	Fe6.1249	2.45058	Ft3.1426	Ft7.1020	2.26908
Fe7.11503	Fe8.634	2.45037	Ft2.6145	Ft8.3145	2.26895
Fe4.2222	Fe7.1105	2.45034	Ft1.1978	Ft3.184	2.26873
Fe4.5908	Fe5.7337	2.45026	Ft2.922	Ft7.459	2.26868
Fe4.8942	Fe5.4821	2.44998	Ft3.1391	Ft7.4776	2.26834
Fe3.3200	Fe4.129	2.4499	Ft2.6469	Ft3.1426	2.26807
Fe3.5763	Fe4.10101	2.44988	Ft4.5401	Ft4.6221	2.26786
Fe2.12867	Fe6.11680	2.44985	Ft6.3245	Ft8.3277	2.2678
Fe1.5894	Fe3.6968	2.44964	Ft1.813	Ft5.661	2.26776
Fe1.5230	Fe4.597	2.44924	Ft2.654	Ft3.5459	2.26773
Fe3.12055	Fe7.3423	2.4492	Ft7.837	Ft8.4290	2.26759
Fe5.10402	Fe5.14426	2.44913	Ft2.922	Ft7.1623	2.26758
Fe2.14158	Fe8.10973	2.44895	Ft2.5366	Ft3.5468	2.26757
Fe6.2984	Fe6.12124	2.44885	Ft2.3062	Ft3.734	2.26739
Fe2.12190	Fe6.10522	2.44868	Ft2.4272	Ft3.3066	2.26739
Fe1.3398	Fe6.5860	2.4486	Ft4.2610	Ft7.2748	2.26711
Fe5.3373	Fe7.754	2.44836	Ft2.449	Ft6.2630	2.2662
Fe6.6668	Fe6.9640	2.44818	Ft4.5937	Ft7.4892	2.26618
Fe1.9404	Fe2.2801	2.44802	Ft7.434	Ft7.3136	2.26614
Fe1.6549	Fe2.4702	2.44763	Ft3.5416	Ft6.1220	2.26568

Fe1.2821	Fe1.3155	2.44739	Ft3.2045	Ft4.3083	2.26566
Fe5.9906	Fe6.8165	2.44716	Ft2.6058	Ft5.376	2.26542
Fe1.11121	Hic.scaffold.13.169	2.44713	Ft2.980	Ft4.2152	2.2653
Fe2.3702	Fe7.4412	2.44712	Ft2.5953	Ft8.3249	2.26487
Fe6.4591	Fe8.1360	2.447	Ft2.630	Ft5.455	2.26469
Fe1.7128	Fe3.2864	2.4467	Ft3.4673	Ft6.2192	2.26462
Fe4.7634	Fe7.6295	2.44665	Ft2.5786	Ft7.4918	2.26443
Fe2.8612	Fe4.3087	2.44654	Ft1.2351	Ft7.4861	2.26426
Fe2.11899	Fe3.568	2.44643	Ft7.3283	Ft8.1664	2.26403
Fe3.419	Fe6.3504	2.44622	Ft2.5824	Ft6.1026	2.26372
Fe2.3874	Fe6.3632	2.44574	Ft3.960	Ft7.3745	2.26361
Fe5.7578	Fe6.6668	2.44569	Ft2.5986	Ft5.2649	2.26355
Fe2.7118	Fe3.12694	2.44542	Ft1.461	Ft5.578	2.26298
Fe2.14086	Fe7.670	2.44541	Ft4.241	Ft8.3658	2.26261
Fe7.765	Fe8.7852	2.44525	Ft4.5569	Ft8.3585	2.26213
Fe6.4340	Fe8.5461	2.44509	Ft1.2834	Ft2.6092	2.26184
Fe3.11117	Fe8.3680	2.44501	Ft3.1870	Ft8.791	2.26168
Fe2.8274	Fe8.9724	2.44478	Ft8.2331	Ft8.2659	2.26129
Fe3.3113	Fe7.11634	2.44464	Ft7.2725	Ft8.3216	2.26112
Fe1.6595	Fe3.9168	2.4445	Ft3.2001	Ft3.3482	2.26104
Fe4.5714	Fe6.4750	2.44441	Ft1.2259	Ft4.2032	2.26078
Fe3.8743	Fe7.5370	2.44438	Ft1.1961	Ft3.165	2.2607
Fe5.3527	Fe7.7223	2.4443	Ft2.1781	Ft2.6470	2.26065
Fe1.13841	Fe2.5017	2.44424	Ft3.3404	Ft8.2123	2.26064
Fe3.12324	Fe7.12717	2.44415	Ft3.339	Ft4.802	2.26053
Fe2.490	Fe6.785	2.44407	Ft3.1073	Ft4.35	2.26044
Fe6.2038	Fe6.10912	2.444	Ft3.2018	Ft3.5043	2.26033
Fe2.1245	Fe3.9249	2.44374	Ft2.3044	Ft7.1929	2.26027
Fe3.9804	Fe6.6059	2.44357	Ft2.411	Ft8.592	2.25997
Fe2.13879	Hic.scaffold.10.365	2.44354	Ft2.5174	Ft8.5131	2.25996
Fe4.3902	Hic.scaffold.12.142	2.44319	Ft3.528	Ft5.459	2.2599
Fe3.1311	Fe8.1687	2.4431	Ft2.2977	Ft4.2849	2.25982
Fe1.14503	Fe2.8872	2.44296	Ft2.524	Ft8.2855	2.25972
Fe4.3797	Fe5.3552	2.44266	Ft3.1036	Ft7.4808	2.25963
Fe3.8511	Fe7.2685	2.44228	Ft1.2838	Ft3.515	2.25959
Fe1.13846	Fe7.2687	2.44213	Ft1.290	Ft4.1010	2.25956
Fe5.1692	Fe5.12805	2.44207	Ft2.5214	Ft7.1020	2.25943
Fe2.10764	Fe2.14196	2.44166	Ft2.1159	Ft4.574	2.25933
Fe1.12701	Fe4.13557	2.44139	Ft2.257	Ft8.1316	2.25875
Fe5.51	Fe5.3642	2.44106	Ft2.2520	Ft7.486	2.25862
Fe2.4811	Fe6.5521	2.44088	Ft3.2467	Ft6.891	2.25838
Fe3.3089	Fe6.4901	2.44078	Ft2.4811	Ft2.6611	2.25817
Fe4.14575	Fe8.7927	2.44073	Ft2.4913	Ft7.359	2.25753
Fe4.14211	Fe7.3869	2.4407	Ft2.2624	Ft7.3281	2.25729
Fe8.4076	Fe8.5493	2.4407	Ft3.1010	Ft4.5407	2.25707
Fe4.174	Fe5.13529	2.44064	Ft4.2047	Ft7.3040	2.25698
Fe1.7207	Fe8.5172	2.44041	Ft4.4831	Ft8.3288	2.25695
Fe2.8805	Fe6.1471	2.44038	Ft3.5007	Ft4.3692	2.25651
Fe4.11537	Fe6.10492	2.44032	Ft3.2072	Ft4.5480	2.25597
Fe1.14023	Fe3.716	2.44016	Ft3.5592	Ft4.5767	2.25575
Fe3.14491	Fe6.4477	2.43999	Ft2.1473	Ft7.1060	2.25573
Fe3.9294	Fe4.11846	2.43987	Ft2.1103	Ft2.3940	2.25554
Fe3.3348	Fe6.5249	2.43986	Ft4.953	Ft5.2891	2.25553
Fe7.2679	Fe7.3263	2.43981	Ft4.3315	Ft8.3406	2.2555
Fe3.3586	Fe6.5477	2.43972	Ft2.186	Ft8.1671	2.25529

Fe3.4320	Fe7.3233	2.43966	Ft3.3692	Ft4.1876	2.25521
Fe5.2865	Hic.scaffold.11.106	2.43953	Ft2.5401	Ft3.5429	2.25488
Fe4.164	Fe7.11819	2.43857	Ft1.1830	Ft8.4715	2.25459
Fe4.10702	Fe6.1508	2.43847	Ft3.1262	Ft6.1077	2.25417
Fe5.3257	Fe8.10506	2.43847	Ft2.5367	Ft7.2533	2.254
Fe2.10248	Fe3.3344	2.43841	Ft2.4180	Ft6.1180	2.25371
Fe2.11719	Fe3.12181	2.43839	Ft6.112	Ft6.3229	2.25357
Fe2.1186	Fe4.12873	2.43829	Ft2.5457	Ft6.1008	2.25355
Fe4.4721	Fe8.10600	2.43821	Ft5.611	Ft8.5179	2.25345
Fe5.5956	Fe5.8230	2.43815	Ft2.695	Ft8.236	2.25298
Fe5.12964	Fe7.3747	2.43814	Ft4.885	Ft7.2935	2.25277
Fe2.14158	Fe3.14226	2.43793	Ft3.1512	Ft8.866	2.25252
Fe1.10153	Fe6.9419	2.4378	Ft2.6109	Ft7.3056	2.25244
Fe2.1153	Fe2.8277	2.43779	Ft1.2693	Ft5.1732	2.25145
Fe5.474	Fe8.7914	2.43764	Ft3.2602	Ft6.1995	2.25104
Fe5.1752	Fe7.1136	2.43748	Ft7.186	Ft8.3496	2.25088
Fe2.2478	Fe8.9707	2.43733	Ft3.5536	Ft7.5210	2.25074
Fe6.10885	Fe8.7571	2.43712	Ft4.2694	Ft4.3341	2.25063
Fe4.11603	Fe5.7724	2.43684	Ft4.6253	Ft8.1571	2.25046
Fe1.13322	Fe8.10667	2.43642	Ft2.6044	Ft4.5544	2.25045
Fe3.4362	Fe3.6640	2.43599	Ft2.3964	Ft6.2981	2.25042
Fe4.6127	Fe7.3780	2.43559	Ft3.2	Ft7.3328	2.24931
Fe4.3067	Fe8.3299	2.43516	Ft1.535	Ft1.673	2.24895
Fe1.6347	Fe5.7378	2.43477	Ft3.3425	Ft4.3734	2.24881
Fe4.8527	Fe7.3945	2.43476	Ft2.111	Ft3.5062	2.24878
Fe4.3752	Fe4.4715	2.43474	Ft4.468	Ft4.1818	2.24875
Fe3.1146	Fe4.13843	2.43418	Ft3.2072	Ft4.3027	2.24861
Fe1.3398	Fe3.5822	2.434	Ft7.1010	Ft8.813	2.24856
Fe4.14443	Fe8.10585	2.43393	Ft2.1308	Ft7.4357	2.24836
Fe3.13598	Fe5.6418	2.43388	Ft3.2777	Ft7.970	2.24835
Fe3.5001	Fe7.7019	2.43386	Ft6.1397	Ft7.3902	2.24833
Fe2.162	Fe7.11467	2.4338	Ft2.2991	Ft4.3334	2.24828
Fe1.3739	Fe3.5846	2.43368	Ft3.1164	Ft6.464	2.24813
Fe3.13899	Fe7.4950	2.43358	Ft1.2411	Ft8.4159	2.2481
Fe2.3666	Fe8.9911	2.43353	Ft4.4465	Ft5.2167	2.24798
Fe4.4924	Fe4.6220	2.43353	Ft2.2624	Ft8.299	2.24764
Fe1.13920	Fe8.11072	2.43319	Ft3.654	Ft5.575	2.24757
Fe3.7835	Fe8.9825	2.43319	Ft2.1067	Ft7.1040	2.24744
Fe4.13932	Fe6.3366	2.43313	Ft2.1728	Ft6.731	2.24736
Fe3.14471	Fe5.9445	2.4331	Ft2.2523	Ft7.3288	2.24714
Fe5.3553	Fe7.11231	2.43292	Ft1.696	Ft5.472	2.24711
Fe1.11196	Fe5.5786	2.4329	Ft4.3340	Ft8.1661	2.24707
Fe3.9249	Fe7.10000	2.43277	Ft6.3269	Ft8.307	2.24691
Fe4.14157	Fe7.3696	2.43273	Ft2.2823	Ft5.2865	2.24667
Fe1.14416	Fe5.10642	2.43244	Ft7.3094	Ft8.3712	2.2466
Fe3.3684	Fe5.14444	2.43242	Ft2.3499	Ft8.3767	2.24658
Fe1.7273	Fe4.5424	2.43241	Ft1.1240	Ft2.3807	2.24646
Fe1.9924	Fe6.3457	2.43228	Ft1.318	Ft8.221	2.24637
Fe3.8743	Fe7.4837	2.43207	Ft2.2885	Ft5.2549	2.24632
Fe1.13884	Fe2.14249	2.43187	Ft2.5775	Ft2.6073	2.24632
Fe1.7853	Fe2.8332	2.43182	Ft2.2984	Ft4.1223	2.24602
Fe4.12303	Fe7.3696	2.43175	Ft2.2830	Ft4.744	2.24592
Fe1.9924	Fe4.4003	2.43173	Ft3.2056	Ft7.1623	2.24562
Fe3.10070	Fe5.10842	2.43169	Ft2.4426	Ft5.1531	2.24556
Fe1.13273	Fe4.3649	2.43159	Ft2.6491	Ft3.5264	2.24548

Fe3.10111	Fe7.12717	2.4315	Ft2.6433	Ft7.4288	2.24536
Fe7.1661	Fe8.10810	2.43125	Ft2.4559	Ft3.2292	2.24535
Fe3.13532	Fe6.859	2.4311	Ft3.2693	Ft7.1173	2.24531
Fe6.1004	Fe7.3905	2.43109	Ft1.2617	Ft6.66	2.2453
Fe4.5568	Fe6.4201	2.43102	Ft2.5194	Ft7.2573	2.24512
Fe1.13284	Fe8.11431	2.43091	Ft1.2132	Ft5.1079	2.24511
Fe5.5031	Fe5.13247	2.43083	Ft2.6539	Ft7.4809	2.24484
Fe4.14106	Fe8.12128	2.43058	Ft2.1318	Ft6.707	2.24474
Fe3.2945	Fe5.14032	2.43052	Ft2.405	Ft3.4746	2.2447
Fe5.7551	Fe5.10646	2.43046	Ft2.4627	Ft4.839	2.24456
Fe6.1857	Fe8.7913	2.43042	Ft2.2485	Ft3.3633	2.24454
Fe5.6451	Fe6.2977	2.43029	Ft7.302	Ft8.279	2.24407
Fe1.2342	Fe8.2073	2.43026	HiC_scaffold_5_(iC_scaffold_5_38		2.2433
Fe3.9953	Fe5.10836	2.43024	Ft2.5316	Ft3.521	2.24322
Fe1.13145	Fe6.11438	2.43017	Ft5.1246	Ft6.1130	2.24277
Fe2.10352	Fe6.12073	2.42998	Ft1.2343	Ft7.5034	2.24256
Fe4.3067	Fe5.12185	2.42962	Ft2.6398	Ft3.1407	2.24248
Fe3.1109	Fe6.2251	2.42959	Ft3.3659	Ft4.3846	2.2423
Fe3.8200	Fe7.1043	2.42949	Ft3.654	Ft7.5149	2.24228
Fe2.2707	Fe3.8400	2.42929	Ft5.634	Ft7.4800	2.2422
Fe4.2148	Fe5.1687	2.42925	Ft3.1398	Ft3.1835	2.24215
Fe3.8922	Fe6.9526	2.4291	Ft3.4841	Ft4.686	2.242
Fe5.1180	Fe5.13081	2.42905	Ft1.33	Ft2.4896	2.24184
Fe4.11242	Fe4.12555	2.42892	Ft3.1184	Ft3.4644	2.24179
Fe1.7873	Fe8.9872	2.42887	Ft2.3046	Ft3.4121	2.24106
Fe2.10627	Fe7.863	2.4288	Ft2.2294	Ft3.5091	2.24079
Fe6.11876	Fe7.6359	2.42879	Ft1.1730	Ft2.6468	2.24075
Fe6.9702	Fe7.6390	2.42862	Ft7.4307	Ft8.4093	2.24073
Fe3.8592	Fe5.13742	2.42853	Ft2.3795	Ft7.3757	2.24059
Fe7.3728	Fe7.5190	2.42836	Ft2.4531	Ft3.2801	2.24038
Fe4.13377	Fe5.12923	2.42815	Ft3.669	Ft8.2850	2.24028
Fe1.9425	Fe4.4961	2.42801	Ft3.5091	Ft7.4087	2.24013
Fe4.6123	Fe6.2659	2.42778	Ft2.5215	Ft5.1575	2.24003
Fe8.7171	Fe8.9970	2.42768	Ft2.4596	Ft3.1835	2.24001
Fe2.2577	Fe8.2530	2.42762	Ft2.3860	Ft6.2941	2.23999
Fe7.382	Fe7.1052	2.42761	Ft2.2343	Ft3.1779	2.23966
Fe2.2307	Fe8.11469	2.4276	Ft1.415	Ft8.143	2.23886
Fe1.14216	Fe2.10293	2.42757	Ft6.1453	Ft8.1344	2.23886
Fe4.6048	Fe6.9851	2.42753	Ft5.241	Ft8.2746	2.23863
Fe4.14364	Fe8.3299	2.42747	Ft2.2457	Ft7.2680	2.23859
Fe6.9265	Fe6.10851	2.42671	Ft2.889	Ft3.385	2.23839
Fe4.6000	Fe5.10742	2.42662	Ft2.5695	Ft4.1917	2.23782
Fe2.2480	Fe6.1218	2.42655	Ft3.5595	Ft4.3395	2.23781
Fe2.376	Fe8.10790	2.42649	Ft2.6414	Ft7.1540	2.23778
Fe3.8582	Fe5.3598	2.42631	Ft2.5707	Ft7.4839	2.23744
Fe2.10712	Fe5.10733	2.42628	Ft3.1865	Ft4.1134	2.23698
Fe1.14000	Fe2.13358	2.42623	Ft1.2367	Ft6.1079	2.23609
Fe3.8922	Fe7.10440	2.42622	Ft3.1904	Ft4.3753	2.23598
Fe2.14250	Fe7.1209	2.42595	Ft2.6429	Ft4.4739	2.23591
Fe1.1074	Fe7.2397	2.42586	Ft3.1370	Ft8.607	2.23589
Fe2.13829	Fe3.1429	2.42571	Ft4.1450	Ft4.3869	2.23588
Fe2.8850	Fe4.2849	2.42559	Ft2.439	Ft4.2196	2.2358
Fe5.8045	Fe6.11417	2.42552	Ft3.917	Ft7.1678	2.23541
Fe3.1290	Fe4.2932	2.42548	Ft2.1243	Ft8.3894	2.23513
Fe1.4597	Fe6.5249	2.42527	Ft3.1494	Ft3.5399	2.23509

Fe3.14451	Fe7.11467	2.42519
Fe1.12237	Fe4.8931	2.42514
Fe2.9527	Fe5.2898	2.42511
Fe4.9353	Fe6.9086	2.42511
Fe2.11524	Hic.scaffold.10.395	2.42507
Fe3.8551	Fe5.13960	2.42506
Fe4.2975	Fe8.7348	2.42494
Fe4.14551	Hic.scaffold.11.393	2.42493
Fe3.5763	Fe8.7737	2.42487
Fe2.12302	Fe7.6390	2.42483
Fe6.9598	Fe7.6356	2.42482
Fe1.13210	Fe7.1154	2.42477
Fe2.1521	Fe4.5908	2.42464
Fe4.6151	Fe8.732	2.42453
Fe1.8246	Fe8.1433	2.42438
Fe3.5086	Fe7.5582	2.4242
Fe3.3267	Fe6.3708	2.42401
Fe1.10399	Fe7.5938	2.42392
Fe4.8568	Fe8.4076	2.42385
Fe4.3031	Fe4.5424	2.42377
Fe1.9444	Fe6.10407	2.42373
Fe1.4934	Hic.scaffold.10.365	2.42368
Fe4.2987	Fe4.5081	2.42361
Fe1.13471	Fe6.3173	2.42353
Fe3.1109	Fe7.4100	2.42351
Fe2.11618	Fe6.3615	2.42339
Fe1.2911	Fe5.11745	2.42338
Fe3.7889	Fe4.9017	2.42242
Fe4.887	Fe6.11463	2.42235
Fe5.1794	Hic.scaffold.10.138	2.4223
Fe3.14155	Fe3.14332	2.42229
Fe6.11305	Fe7.3714	2.42224
Fe5.14418	Fe8.9887	2.42221
Fe1.6588	Fe8.4103	2.42215
Fe2.13773	Hic.scaffold.9.226	2.42196
Fe2.8585	Hic.scaffold.9.694	2.42196
Fe3.3325	Fe7.11459	2.42148
Fe3.12708	Hic.scaffold.13.232	2.42126
Fe3.407	Fe7.3869	2.42075
Fe4.11289	Fe5.14482	2.42044
Fe7.11335	Fe8.3289	2.42032
Fe2.3919	Fe3.11876	2.42023
Fe4.2204	Fe5.1222	2.41999
Fe2.8401	Fe5.2192	2.41974
Fe2.10534	Fe5.1994	2.41963
Fe3.6147	Fe4.6468	2.41951
Fe5.14296	Fe8.11337	2.41951
Fe2.11524	Fe3.240	2.41943
Fe4.6967	Fe5.7386	2.41941
Fe2.11950	Fe2.14060	2.41919
Fe4.10191	Fe6.7046	2.41912
Fe2.4789	Fe3.9723	2.4189
Fe2.13840	Fe7.887	2.41883
Fe3.14368	Fe7.13040	2.41879
Fe5.10011	Fe7.1185	2.41864
Ft1.349	Ft5.32	2.23493
Ft2.6047	Ft7.2226	2.23488
Ft2.6077	Ft4.3847	2.23486
Ft1.1555	Ft7.4641	2.23459
Ft2.2953	Ft8.2910	2.23444
Ft3.5029	Ft8.573	2.23414
Ft3.2023	Ft8.3340	2.23382
Ft2.3576	Ft3.2610	2.23374
Ft1.1694	Ft7.5256	2.23354
Ft2.3046	Ft3.590	2.23337
Ft5.455	Ft7.3441	2.23335
Ft3.1434	Ft8.4009	2.23318
Ft2.3567	Ft5.1001	2.23312
Ft6.3046	Ft7.4616	2.23302
Ft7.5066	Ft8.4532	2.23292
Ft4.1238	Ft4.5949	2.23277
Ft1.1515	Ft6.1436	2.23228
Ft2.6099	Ft8.5007	2.23226
Ft3.4183	Ft4.4352	2.23189
Ft7.2928	Ft7.3289	2.23158
Ft2.446	Ft4.3836	2.23156
Ft2.892	Ft3.2539	2.23156
Ft1.347	Ft5.2132	2.23147
Ft3.385	Ft4.5409	2.2314
Ft4.5550	Ft8.168	2.23125
Ft6.3279	Ft8.3232	2.23034
Ft2.207	Ft4.4165	2.23006
Ft4.3739	Ft6.2528	2.22988
Ft2.824	Ft4.2174	2.22983
Ft4.4798	HiC.scaffold.5.139	2.22914
Ft4.5321	Ft7.3369	2.22908
Ft5.2826	Ft6.2424	2.22905
Ft2.2398	Ft7.926	2.22866
Ft4.4128	Ft7.5239	2.22865
Ft5.2515	Ft7.4873	2.22855
Ft6.1366	Ft8.307	2.22827
Ft2.394	Ft3.1867	2.22823
Ft3.1865	Ft3.5427	2.2282
Ft2.2212	Ft4.270	2.22818
Ft3.5258	Ft5.2959	2.22785
Ft2.1111	Ft8.1789	2.22723
Ft7.4955	Ft8.3358	2.2271
Ft2.2648	Ft4.2075	2.227
Ft2.3705	Ft8.4631	2.2267
Ft3.5533	Ft4.690	2.22668
Ft4.4929	Ft6.3252	2.22666
Ft2.4857	Ft7.2593	2.2265
Ft1.2351	Ft1.2638	2.22643
Ft7.4954	Ft8.1318	2.22626
Ft2.1134	Ft3.4873	2.22623
Ft2.461	Ft4.2705	2.22614
Ft1.2846	Ft3.533	2.22577
Ft4.1239	Ft7.258	2.22563
Ft3.4654	Ft8.4757	2.2254
Ft3.5487	Ft7.5150	2.22513

Fe1.14015	Fe2.11328	2.41853
Fe1.10571	Fe4.2046	2.41849
Fe2.8446	Fe7.8241	2.41847
Fe3.12068	Fe4.5755	2.41845
Fe5.14486	Fe7.2586	2.41829
Fe7.3846	Hic.scaffold.9.380	2.41825
Fe2.9386	Fe2.13319	2.41818
Fe5.14513	Fe6.172	2.41806
Fe6.2481	Fe6.2977	2.41797
Fe2.7884	Fe5.148	2.41771
Fe4.8843	Fe6.12165	2.41758
Fe2.12390	Fe2.12713	2.41744
Fe3.1399	Hic.scaffold.10.437	2.41738
Fe5.14265	Fe6.87	2.41734
Fe8.10608	Hic.scaffold.11.126	2.41705
Fe1.9331	Fe2.3727	2.41689
Fe2.3787	Fe4.1517	2.41682
Fe1.12063	Fe6.9086	2.41679
Fe1.3625	Fe7.11598	2.41677
Fe3.2444	Hic.scaffold.9.102	2.41675
Fe5.11201	Fe6.4516	2.41671
Fe4.6000	Fe6.3103	2.41651
Fe1.9331	Fe6.11676	2.41618
Fe2.10699	Fe2.12997	2.41613
Fe1.10295	Fe1.12973	2.41594
Fe6.2340	Fe6.3632	2.41571
Fe3.7889	Fe8.9860	2.41569
Fe1.6304	Fe7.11267	2.41555
Fe7.1646	Fe8.10867	2.41519
Fe4.11138	Fe6.5140	2.41518
Fe4.3845	Fe7.8473	2.41515
Fe6.12117	Fe7.12837	2.41474
Fe7.1614	Fe7.4972	2.41472
Fe4.5969	Fe7.1661	2.41466
Fe4.1882	Fe7.12837	2.41451
Fe1.6219	Fe4.6127	2.41446
Fe3.5450	Fe4.3599	2.41439
Fe6.1696	Fe7.5898	2.41413
Fe3.3682	Fe7.8079	2.41397
Fe1.4642	Fe6.5193	2.4138
Fe3.5494	Fe4.12555	2.4138
Fe4.6138	Fe5.10721	2.41328
Fe2.2480	Fe8.11424	2.41309
Fe2.11520	Fe3.780	2.41305
Fe3.13834	Fe6.1220	2.41299
Fe7.3998	Fe7.11467	2.41293
Fe2.1768	Fe5.2956	2.41292
Fe4.4607	Fe6.10049	2.41289
Fe3.5749	Fe5.10045	2.41282
Fe4.5382	Fe8.9194	2.41282
Fe4.3924	Fe5.3933	2.41278
Fe1.14510	Fe2.11861	2.41276
Fe2.4644	Fe7.13082	2.41276
Fe5.1514	Fe7.5192	2.4127
Fe6.8013	Fe7.3937	2.41266
Ft3.222	Ft8.4443	2.22492
Ft2.2407	Ft3.319	2.22459
Ft3.5555	Ft4.5770	2.22452
Ft2.5341	Ft8.4083	2.22404
Ft6.931	Ft6.2176	2.22401
Ft2.383	Ft7.698	2.22377
HiC_scaffold_5_2	iC_scaffold_5_24	2.22324
Ft7.2922	Ft8.703	2.22305
Ft2.6573	Ft7.1038	2.22301
Ft3.1046	Ft4.5455	2.22301
Ft5.1515	Ft8.4223	2.22288
Ft2.469	Ft7.2693	2.22278
Ft2.4436	Ft3.1333	2.22277
Ft4.2496	Ft4.3053	2.22245
Ft4.2647	Ft6.1530	2.22209
Ft5.1885	Ft7.2439	2.22202
Ft3.2781	Ft5.2257	2.222
Ft1.462	Ft5.459	2.22184
Ft2.4272	Ft4.4338	2.22136
Ft7.1879	Ft8.307	2.22135
Ft3.1426	Ft3.3236	2.22103
Ft2.4644	Ft2.5221	2.22098
Ft2.283	Ft4.5455	2.22066
Ft3.853	Ft4.4573	2.22003
Ft3.3710	Ft8.798	2.21997
Ft2.1693	Ft2.2143	2.21993
Ft3.768	Ft6.2232	2.21974
Ft2.3202	Ft5.886	2.21971
Ft6.1220	Ft7.4918	2.21938
Ft3.3892	Ft6.2472	2.21937
Ft2.5393	Ft8.4047	2.21932
Ft6.1195	Ft8.1724	2.21925
Ft1.1598	Ft4.817	2.21913
Ft6.1513	Ft8.1443	2.21898
Ft2.3178	Ft8.2992	2.21895
Ft1.797	Ft6.1283	2.21884
Ft1.521	Ft1.2439	2.21866
Ft5.480	Ft5.1380	2.21854
Ft7.1236	Ft8.2601	2.21839
Ft2.2697	Ft4.2657	2.21838
Ft4.720	Ft6.819	2.21837
Ft2.5714	Ft8.215	2.21829
Ft5.2846	Ft6.2395	2.21822
Ft6.652	Ft6.1939	2.21821
Ft4.198	Ft7.2661	2.21799
Ft2.5330	Ft4.1260	2.21796
Ft1.740	Ft6.2121	2.21779
Ft2.5162	Ft4.5767	2.21778
Ft3.2441	Ft8.318	2.21774
Ft2.2485	Ft8.1229	2.21723
Ft4.4806	Ft7.3164	2.21722
Ft2.2651	Ft7.3115	2.21718
Ft2.1103	Ft4.1779	2.21708
Ft2.6561	Ft4.3475	2.21708
Ft3.856	Ft3.1956	2.21702

Fe1.13169	Hic.scaffold.10.373	2.41263	Ft2.4450	Ft8.4276	2.21681
Fe2.10991	Fe5.13181	2.41211	Ft2.5923	Ft4.5649	2.21668
Fe6.9265	Fe8.7417	2.41207	Ft3.281	Ft8.307	2.21666
Fe3.11628	Fe5.1795	2.41192	Ft7.4183	Ft8.3306	2.21657
Fe5.2729	Fe8.9539	2.41187	Ft2.4577	Ft7.3723	2.21652
Fe1.4642	Fe5.3188	2.41175	Ft4.1947	Ft8.3541	2.2163
Fe7.4387	Fe8.7358	2.41171	Ft2.461	Ft3.1318	2.21614
Fe2.3229	Fe7.12315	2.41151	Ft1.1558	Ft8.4064	2.21512
Fe1.13271	Fe7.1609	2.41149	Ft4.4844	Ft6.100	2.21507
Fe2.839	Fe5.1729	2.41139	Ft4.292	Ft7.2968	2.21492
Fe4.3006	Fe8.12068	2.41124	Ft8.693	Ft8.2026	2.21487
Fe4.11443	Fe5.4139	2.41122	Ft3.1835	Ft8.3281	2.21478
Fe5.12825	Hic.scaffold.9.365	2.41121	Ft2.6067	Ft3.5535	2.21472
Fe5.13195	Fe6.3316	2.41111	Ft2.43	Ft2.3004	2.21468
Fe1.11843	Fe5.167	2.41085	Ft4.2168	Ft6.1480	2.21453
Fe3.3100	Fe6.10111	2.41043	Ft2.5872	Ft7.1441	2.2144
Fe2.1621	Fe3.6435	2.40992	Ft2.198	Ft7.4930	2.21434
Fe1.40	Fe1.14408	2.40976	Ft3.1317	Ft4.2115	2.21407
Fe5.1268	Fe6.1325	2.40976	Ft3.1904	Ft4.491	2.21372
Fe2.468	Fe4.12244	2.40957	Ft3.2140	Ft6.895	2.2137
Fe8.9676	Hic.scaffold.10.437	2.40952	Ft2.2199	Ft3.3391	2.21367
Fe2.7194	Fe8.2667	2.40932	Ft2.6057	Ft7.2381	2.21363
Fe5.1876	Fe8.7317	2.40926	Ft5.867	Ft6.3648	2.21361
Fe4.3752	Fe5.1668	2.40907	Ft7.1597	Ft7.3034	2.21319
Fe1.4687	Fe3.9713	2.40861	Ft3.1870	Ft7.4939	2.21314
Fe2.3872	Fe8.3633	2.40847	Ft4.3766	Ft4.5441	2.21295
Fe3.4262	Fe6.1105	2.40846	Ft2.6455	Ft3.216	2.21287
Fe2.63	Fe8.10746	2.40834	Ft5.1102	Ft6.1478	2.21278
Fe3.10063	Fe3.13486	2.40811	Ft4.4065	Ft7.1608	2.21227
Fe5.9517	Fe5.10625	2.40803	Ft2.5879	Ft8.4385	2.21221
Fe2.6227	Fe4.12155	2.40786	Ft4.5626	Ft8.92	2.21214
Fe5.12895	Fe6.473	2.40774	Ft5.1969	Ft7.4458	2.21191
Fe6.10868	Fe7.1770	2.40769	Ft3.1305	Ft6.1164	2.21178
Fe1.10110	Fe4.9584	2.40756	Ft4.2200	Ft7.3045	2.21175
Fe4.757	Fe4.12701	2.40756	Ft4.819	Ft6.671	2.21173
Fe1.2474	Fe2.10880	2.40749	Ft2.4523	Ft4.3874	2.2115
Fe3.14537	Fe4.4041	2.40748	Ft6.2083	Ft7.4952	2.21149
Fe1.14430	Fe5.14537	2.40741	Ft2.2572	Ft3.928	2.2114
Fe4.7275	Fe5.6028	2.40741	Ft2.5276	Ft3.406	2.2114
Fe1.6549	Fe6.6339	2.40727	Ft4.1682	Ft4.3772	2.21137
Fe2.8491	Fe7.12137	2.40718	Ft4.2075	Ft6.952	2.21136
Fe1.11818	Fe7.5370	2.40686	Ft5.726	Ft8.4155	2.21093
Fe1.14533	Fe2.8935	2.40684	Ft2.546	Ft7.2158	2.21067
Fe7.811	Fe8.8273	2.40684	Ft5.644	Ft5.2296	2.21037
Fe6.5319	Fe8.1724	2.40666	Ft1.395	Ft8.3995	2.21018
Fe1.13876	Fe2.14276	2.40665	Ft1.2302	Ft4.754	2.2093
Fe4.2908	Fe7.670	2.40658	Ft3.1426	Ft7.3115	2.20921
Fe3.3382	Hic.scaffold.9.193	2.40651	Ft2.434	Ft2.5712	2.20894
Fe5.10530	Fe7.2401	2.4064	Ft2.2679	Ft7.4720	2.20881
Fe3.13572	Fe8.10673	2.40635	Ft2.958	Ft3.969	2.20866
Fe7.101	Fe8.10623	2.40622	Ft2.6067	Ft8.2633	2.20864
Fe4.9253	Fe5.13079	2.40613	Ft8.746	Ft8.2143	2.20858
Fe2.11208	Fe3.14334	2.40583	Ft3.3677	Ft8.798	2.20813
Fe5.12923	Fe8.10673	2.40577	Ft3.594	Ft8.4011	2.20801
Fe2.13639	Fe8.6747	2.40566	Ft3.4407	Ft6.3456	2.20783

Fe2.7905	Fe5.9789	2.40531	Ft3.365	Ft7.3943	2.20761
Fe2.12360	Fe5.12898	2.40529	Ft7.2286	Ft8.1571	2.20742
Fe2.13888	Fe8.10195	2.4052	Ft1.2396	Ft6.1372	2.20711
Fe3.161	Fe8.10074	2.40513	Ft3.1475	Ft8.1520	2.20708
Fe1.10785	Fe4.5952	2.40503	Ft1.1652	Ft1.1800	2.20681
Fe2.506	Fe6.770	2.40501	Ft7.3094	Ft7.5177	2.20669
Fe3.2864	Fe3.8743	2.40501	Ft5.1885	Ft7.2226	2.20654
Fe1.1091	Fe1.14430	2.40496	Ft4.1484	Ft8.2107	2.20635
Fe1.6322	Fe2.1323	2.40433	Ft6.1002	Ft7.4264	2.20625
Fe3.14359	Fe4.12361	2.40421	Ft8.3464	Ft8.4341	2.20619
Fe4.2989	Fe7.12250	2.4042	Ft6.652	Ft8.3281	2.20613
Fe2.8440	Fe6.5521	2.40408	Ft3.5258	Ft7.1771	2.20589
Fe2.2450	Fe5.7724	2.40396	Ft2.2878	Ft8.5052	2.20572
Fe4.5893	Fe6.1771	2.40394	Ft2.2830	Ft8.4966	2.20565
Fe4.3588	Fe6.5045	2.40381	Ft1.2370	Ft4.100	2.20539
Fe8.7349	Fe8.10798	2.40361	Ft4.2738	Ft4.2786	2.20492
Fe3.13565	Fe6.5896	2.4036	Ft3.4769	Ft8.1790	2.20475
Fe8.7183	Hic.scaffold.9.677	2.40354	Ft2.3819	Ft3.114	2.20469
Fe1.10967	Fe4.3780	2.40345	Ft2.5999	Ft3.2180	2.20453
Fe1.3342	Fe2.8065	2.40345	Ft3.2777	Ft4.1883	2.20452
Fe4.14563	Fe8.10219	2.40344	Ft2.4222	Ft6.3269	2.20436
Fe2.1398	Fe4.13087	2.40343	Ft7.3022	Ft7.4993	2.20429
Fe3.130	Fe8.485	2.40316	Ft4.1180	Ft8.4439	2.20416
Fe3.5763	Fe3.9363	2.40316	Ft2.1843	Ft7.1489	2.20406
Fe1.7246	Fe7.3714	2.40307	Ft3.2909	Ft8.3918	2.20376
Fe6.9455	Hic.scaffold.9.158	2.40265	Ft2.624	Ft3.1613	2.20375
Fe1.12699	Fe2.12823	2.40251	Ft5.1009	Ft8.5221	2.20305
Fe2.8822	Fe7.11405	2.40247	Ft3.666	Ft3.4867	2.20301
Fe1.334	Fe2.661	2.40196	Ft4.3727	Ft7.629	2.20287
Fe2.8610	Fe7.1676	2.40152	Ft2.4991	Ft6.3068	2.20273
Fe4.809	Fe8.8832	2.40134	Ft2.934	Ft3.2065	2.2025
Fe6.10249	Fe8.8152	2.40134	Ft3.960	Ft4.461	2.20214
Fe6.2269	Fe7.11738	2.40118	Ft3.1709	Ft7.2376	2.20141
Fe1.13950	Fe7.1071	2.40116	Ft3.576	Ft6.1479	2.2009
Fe2.11250	Fe7.1052	2.40113	Ft2.2604	Ft4.3841	2.20076
Fe2.10253	Fe3.9700	2.40107	Ft2.4215	Ft7.4985	2.20001
Fe2.12061	Fe6.791	2.40087	Ft1.2422	Ft2.3796	2.19998
Fe2.11976	Fe3.604	2.40057	Ft2.5473	Ft6.4	2.19978
Fe2.468	Fe5.13394	2.40045	Ft4.1888	Ft6.1004	2.19974
Fe6.10111	Fe8.4080	2.40037	Ft7.3317	Ft8.1753	2.19954
Fe2.8850	Fe4.11728	2.40029	Ft1.572	Ft4.954	2.1994
Fe1.523	Fe2.13662	2.40027	Ft5.433	Ft6.2937	2.19916
Fe3.13389	Fe4.13589	2.40019	Ft2.4942	Ft8.1539	2.19889
Fe2.2450	Fe6.12004	2.40006	Ft1.792	Ft2.6219	2.19851
Fe2.11566	Fe7.197	2.40004	Ft4.215	Ft7.2305	2.19837
Fe3.6377	Fe5.11147	2.40004	Ft4.2694	Ft7.3046	2.1983
Fe3.13572	Fe5.3854	2.39998	Ft7.2948	Ft8.1885	2.19826
Fe6.993	Fe7.4338	2.39953	Ft4.3782	Ft6.3269	2.19817
Fe3.7446	Fe7.7153	2.3994	Ft2.6066	Ft8.413	2.19815
Fe1.13950	Fe7.5469	2.39935	Ft2.4593	Ft2.6058	2.19808
Fe3.416	Fe5.13152	2.39921	Ft1.2790	Ft8.4387	2.19769
Fe2.11958	Fe8.10001	2.39906	Ft6.1478	Ft7.4835	2.19721
Fe2.2468	Fe5.3438	2.39875	Ft1.1776	Ft4.3942	2.19717
Fe1.7412	Fe7.2928	2.3987	Ft2.6423	Ft8.4885	2.1971
Fe2.14310	Fe8.9887	2.39858	Ft4.2697	Ft8.2317	2.19698

Fe2.3204	Fe3.6690	2.39823
Fe2.9501	Fe8.3763	2.39812
Fe3.5975	Fe4.9906	2.3981
Fe3.14461	Fe6.10720	2.39799
Fe1.513	Fe4.3575	2.39791
Fe1.1331	Fe1.12144	2.3979
Fe3.7099	Fe5.7386	2.39785
Fe4.4934	Fe8.6753	2.39782
Fe2.14169	Fe3.14166	2.39768
Fe4.8207	Fe6.11857	2.39765
Fe4.9661	Fe6.9494	2.3975
Fe1.2109	Fe4.8322	2.39735
Fe1.2375	Fe4.11085	2.39735
Fe3.5714	Fe6.5477	2.397
Fe3.6522	Fe5.8322	2.39694
Fe2.10751	Fe7.884	2.39674
Fe1.2656	Fe8.8054	2.3967
Fe1.6219	Fe7.4918	2.3966
Fe3.2962	Fe5.9005	2.39655
Fe3.5610	Fe7.465	2.39647
Fe2.3019	Fe2.8544	2.39646
Fe3.810	Fe8.6663	2.39645
Fe3.3307	Fe6.10256	2.39636
Fe2.5021	Fe4.6007	2.39628
Fe5.780	Fe8.8107	2.39606
Fe3.4401	Fe3.6522	2.39598
Fe4.3575	Fe5.4316	2.39562
Fe2.11424	Fe4.13377	2.39551
Fe5.5020	Fe7.6232	2.39529
Fe5.4603	Fe6.3457	2.39526
Fe4.787	Hic.scaffold.10.336	2.3952
Fe3.643	Fe6.9180	2.39518
Fe3.13057	Fe4.5270	2.39517
Fe4.6468	Fe8.11894	2.39502
Fe2.7042	Fe8.10880	2.39489
Fe5.8830	Fe6.5746	2.39468
Fe2.2418	Fe7.11497	2.39464
Fe6.5269	Fe8.8538	2.39439
Fe2.8362	Fe6.1190	2.39411
Fe3.3271	Fe3.9294	2.39411
Fe5.3007	Fe5.10685	2.39411
Fe4.3649	Fe8.10673	2.39378
Fe2.3351	Fe8.7913	2.39365
Fe2.13829	Fe8.11015	2.39361
Fe3.230	Fe4.14130	2.3936
Fe4.12278	Fe7.2551	2.3935
Fe5.497	Fe8.7590	2.39344
Fe1.2500	Fe4.10979	2.39339
Fe5.1729	Hic.scaffold.9.949	2.39274
Fe1.2762	Fe1.13903	2.39254
Fe2.10425	Fe4.899	2.39251
Fe2.9280	Fe7.6204	2.3924
Fe3.100	Fe4.2002	2.39234
Fe2.8594	Fe4.831	2.39222
Fe3.13841	Fe8.11010	2.39198
Ft6.1921	Ft7.2559	2.19698
Ft1.2797	Ft4.4111	2.19684
Ft2.6036	Ft3.224	2.19675
Ft1.2452	Ft2.867	2.1967
Ft6.1074	Ft6.3274	2.19669
Ft2.6302	Ft8.2927	2.19598
Ft7.240	Ft8.3944	2.1958
Ft1.1626	Ft8.2875	2.19577
Ft2.586	Ft3.1646	2.19483
Ft4.4093	Ft5.406	2.19482
Ft7.4753	Ft7.4906	2.19475
Ft5.989	Ft5.2352	2.19447
Ft2.6470	Ft3.2018	2.19437
Ft5.906	Ft6.870	2.19429
Ft2.4512	Ft7.3679	2.19415
Ft4.903	Ft4.5964	2.19415
Ft7.2351	Ft7.4834	2.19363
Ft8.323	Ft8.4985	2.19359
Ft4.18	Ft7.3046	2.19354
Ft5.959	Ft6.2509	2.1935
Ft1.2406	Ft6.567	2.1934
Ft4.4178	Ft8.1697	2.19329
Ft7.991	Ft8.208	2.19326
Ft1.726	Ft7.3574	2.19299
Ft3.5420	Ft8.1328	2.19294
Ft4.4138	Ft7.5259	2.19286
Ft3.1811	Ft7.2874	2.19279
Ft4.363	Ft8.3283	2.19262
Ft4.799	Ft4.1734	2.19252
Ft1.1789	Ft4.1300	2.19218
Ft1.232	Ft7.4817	2.19201
Ft2.2702	Ft6.1563	2.19191
Ft4.2056	Ft8.1649	2.19181
Ft3.2793	Ft7.3094	2.19167
Ft7.625	Ft8.1695	2.19162
Ft1.2555	Ft2.5395	2.19142
Ft2.3167	Ft4.3741	2.19141
Ft2.1865	Ft7.459	2.19124
Ft1.2761	Ft7.5242	2.19109
Ft2.391	Ft2.5741	2.19078
Ft2.6423	Ft7.1564	2.19065
Ft2.5208	Ft4.5066	2.19051
Ft3.5567	Ft7.2810	2.19034
Ft3.2089	Ft7.2661	2.18966
Ft2.1059	Ft5.661	2.18963
Ft1.1104	Ft5.640	2.18959
Ft6.3317	Ft7.4903	2.18938
Ft4.2118	Ft8.5231	2.18909
Ft7.1269	Ft8.3007	2.18902
Ft4.753	Ft7.3454	2.18883
Ft3.1017	Ft4.5420	2.18875
Ft2.4201	Ft3.2860	2.18873
Ft4.4138	Ft7.404	2.18868
Ft3.5651	Ft7.5027	2.18834
Ft2.2859	Ft2.6054	2.18814

Fe4.989	Fe8.10982	2.39195	Ft2.6561	Ft8.3331	2.18791
Fe2.4378	Fe2.5038	2.3919	Ft2.6623	Ft3.5708	2.18767
Fe2.2577	Fe8.1433	2.39175	Ft6.52	Ft8.3841	2.18765
Fe1.13424	Fe3.14288	2.3917	Ft2.2501	Ft4.4396	2.18747
Fe3.10263	Fe5.3829	2.39167	Ft1.1837	Ft4.3757	2.18733
Fe2.9729	Fe3.9804	2.39156	Ft5.1790	Ft7.4834	2.18707
Fe2.8324	Fe7.9956	2.39139	Ft4.2961	Ft7.3251	2.18678
Fe2.475	Fe3.1623	2.39102	Ft3.5020	Ft8.1779	2.18675
Fe6.2315	Fe8.10701	2.39095	Ft4.5544	Ft8.1609	2.18673
Fe4.13993	Fe5.4302	2.39093	Ft3.309	Ft8.2302	2.18659
Fe4.4146	Fe7.7067	2.3909	Ft1.772	Ft2.6226	2.18644
Fe4.2899	Fe8.10177	2.3908	Ft2.2368	Ft3.1790	2.18621
Fe3.7618	Fe5.7191	2.3906	Ft2.1116	Ft8.3421	2.18596
Fe2.10408	Fe2.13155	2.39046	Ft2.2879	Ft4.6168	2.18543
Fe2.9111	Fe5.12826	2.39044	Ft3.2029	Ft3.3236	2.1854
Fe5.1567	Fe7.2619	2.39036	Ft2.4529	Ft3.600	2.18532
Fe5.10933	Fe7.332	2.39019	Ft7.2948	Ft8.1260	2.18474
Fe7.687	Fe7.11298	2.39017	Ft2.5385	Ft7.475	2.18442
Fe2.11728	Fe8.10722	2.38992	Ft2.2555	Ft3.4091	2.1844
Fe7.11598	Fe8.3866	2.38976	Ft2.5514	Ft7.4835	2.1843
Fe2.9352	Fe8.2653	2.38952	Ft2.2953	Ft8.106	2.18417
Fe2.3435	Fe7.3625	2.3895	Ft2.2584	Ft3.2862	2.18402
Fe1.10773	Fe3.8016	2.38943	Ft1.2660	Ft7.481	2.18396
Fe1.3335	Fe5.7386	2.38943	Ft2.914	Ft3.1670	2.18365
Fe2.8732	Fe4.5524	2.38939	Ft7.4880	Ft7.5149	2.18355
Fe4.2849	Fe7.5370	2.38939	Ft3.5355	Ft7.2996	2.18353
Fe4.7634	Fe7.5994	2.3893	Ft1.320	Ft5.1296	2.18335
Fe4.9661	Fe7.4972	2.38911	Ft4.126	Ft7.3087	2.18327
Fe5.5731	Fe7.6383	2.38902	Ft4.3498	Ft8.3597	2.18291
Fe2.2699	Fe3.3374	2.389	Ft8.1330	Ft8.3261	2.18291
Fe2.8528	Fe4.2038	2.38895	Ft4.5913	Ft7.2760	2.18254
Fe1.13218	Fe1.13926	2.38894	Ft3.3287	Ft8.225	2.18237
Fe2.5285	Fe5.5958	2.38878	Ft3.501	Ft3.864	2.18234
Fe6.5777	Fe8.5884	2.38875	Ft1.1771	Ft4.1353	2.18231
Fe2.4702	Fe3.6640	2.38872	Ft1.2830	Ft5.1100	2.18226
Fe4.2050	Fe7.811	2.38869	Ft1.349	Ft4.4110	2.18189
Fe1.7128	Fe1.12063	2.38866	Ft2.5870	Ft6.951	2.18176
Fe1.6176	Fe7.3724	2.38815	Ft3.636	Ft3.1288	2.18167
Fe2.11907	Fe5.13082	2.38802	Ft1.2317	Ft6.1055	2.18156
Fe5.12122	Fe7.13	2.38794	Ft7.367	Ft7.1587	2.18153
Fe2.2520	Fe8.10696	2.38785	Ft4.1064	Ft6.2184	2.18148
Fe2.11360	Fe3.653	2.38767	Ft2.6433	Ft3.1974	2.18142
Fe2.12718	Fe4.5081	2.38758	Ft2.4633	Ft3.916	2.18104
Fe2.7602	Fe7.642	2.38742	Ft1.2822	Ft6.1013	2.18043
Fe1.9923	Fe7.11338	2.38711	Ft2.460	Ft4.192	2.18024
Fe4.12206	Fe5.718	2.38658	Ft2.2497	Ft7.771	2.18013
Fe4.8154	Fe5.13761	2.38652	Ft5.551	Ft7.5181	2.18013
Fe1.14508	Fe2.9134	2.38648	Ft4.3874	Ft8.791	2.17997
Fe3.2444	Fe7.1050	2.38601	Ft7.5003	Ft8.1216	2.17983
Fe2.844	Fe5.5299	2.38589	Ft2.4264	Ft8.1975	2.17979
Fe6.6120	Fe8.10867	2.38559	Ft2.3694	Ft4.5806	2.17959
Fe6.473	Fe7.841	2.38522	Ft3.960	Ft7.556	2.17948
Fe2.7678	Fe8.7215	2.38516	Ft5.13	Ft5.2162	2.17941
Fe1.11892	Fe6.5336	2.38499	Ft2.1062	Ft2.2421	2.17933
Fe7.13246	Fe8.3073	2.38467	Ft2.5214	Ft8.271	2.17922

Fe1.9899	Fe8.1612	2.38464
Fe4.11321	Fe5.14513	2.38458
Fe5.12824	Hic.scaffold.11.393	2.3841
Fe1.2258	Fe4.11443	2.38382
Fe4.3914	Hic.scaffold.10.403	2.3838
Fe2.11438	Fe6.3270	2.38374
Fe1.1603	Fe7.12642	2.38363
Fe1.2297	Fe1.12778	2.38362
Fe3.4081	Fe3.11944	2.3834
Fe7.8446	Fe8.7821	2.38325
Fe4.4050	Fe4.11600	2.38258
Fe4.3970	Fe7.9141	2.38245
Fe5.6556	Fe6.3023	2.38233
Fe2.11891	Hic.scaffold.9.348	2.38229
Fe2.8603	Fe8.3696	2.38227
Fe6.4467	Fe8.7086	2.38215
Fe4.14201	Fe5.14467	2.38209
Fe2.3837	Fe7.7422	2.38206
Fe2.5092	Fe4.5755	2.38197
Fe6.9150	Fe8.3071	2.3818
Fe2.13840	Fe4.9027	2.38169
Fe4.5267	Fe7.11158	2.38157
Fe8.1600	Hic.scaffold.9.849	2.38123
Fe3.5610	Fe6.521	2.38118
Fe4.4050	Fe5.13854	2.38094
Fe2.7848	Hic.scaffold.9.300	2.38088
Fe5.10742	Fe6.2593	2.38077
Fe1.7165	Fe6.5872	2.38048
Fe2.2705	Fe5.12739	2.38043
Fe2.11876	Fe7.4387	2.38025
Fe2.12288	Hic.scaffold.10.437	2.37983
Fe2.9828	Fe6.685	2.37957
Fe1.12111	Fe2.2639	2.37951
Fe2.14176	Fe4.2376	2.37932
Fe2.1410	Fe4.1808	2.37919
Fe3.4105	Fe6.7602	2.37914
Fe3.3005	Fe5.9005	2.37909
Fe2.14289	Fe3.3298	2.37904
Fe1.2271	Fe8.1703	2.379
Fe1.10939	Fe3.2574	2.37877
Fe1.13903	Fe6.4609	2.37865
Fe3.7763	Fe8.9164	2.37865
Fe2.11825	Fe6.337	2.37851
Fe5.9721	Fe6.9302	2.37848
Fe2.8755	Fe3.8100	2.37847
Fe3.1677	Fe8.568	2.37843
Fe1.12063	Fe6.11369	2.37841
Fe2.7473	Fe7.3118	2.37831
Fe3.963	Fe8.11135	2.37824
Fe2.13764	Fe7.3791	2.37815
Fe1.14208	Fe3.3455	2.37808
Fe3.8922	Fe5.5956	2.37787
Fe1.10252	Fe1.10961	2.37772
Fe2.11579	Fe6.733	2.37724
Fe6.11887	Fe7.6377	2.3772
Ft7.2945	Ft8.721	2.17919
Ft2.516	Ft4.3731	2.17909
Ft3.1161	Ft7.3462	2.179
Ft6.3682	Ft7.2631	2.17892
Ft3.2793	Ft7.2540	2.17889
Ft3.384	Ft3.2055	2.17876
Ft4.5441	Ft7.4835	2.17876
Ft2.4404	Ft5.1507	2.17871
Ft3.1406	Ft6.1984	2.17861
Ft3.661	Ft3.1800	2.17833
Ft6.756	Ft7.5199	2.17832
Ft2.914	Ft3.1238	2.17824
Ft2.4506	Ft7.5164	2.17818
Ft2.5934	Ft6.683	2.17815
Ft1.1085	Ft2.5643	2.17797
Ft3.2981	Ft8.646	2.17778
Ft3.2376	Ft7.248	2.17766
Ft2.1111	Ft2.5137	2.1773
Ft2.1843	Ft7.2058	2.17721
Ft2.1835	Ft3.4643	2.17685
Ft2.4045	Ft8.3940	2.17673
Ft1.2422	Ft2.3576	2.17662
Ft6.974	Ft7.2377	2.17651
Ft2.501	Ft8.2875	2.17642
Ft1.848	Ft5.773	2.17629
Ft4.2301	Ft8.1676	2.17626
Ft2.273	Ft2.4201	2.17604
Ft4.5550	Ft6.2213	2.17576
Ft3.2937	Ft4.5895	2.17575
Ft3.1907	Ft7.1669	2.17569
Ft3.1081	Ft8.245	2.17532
Ft4.5321	Ft5.2255	2.17532
Ft4.1865	Ft5.1098	2.17509
Ft2.4566	Ft2.5908	2.17506
Ft7.3087	Ft8.3429	2.17494
Ft2.6069	Ft7.2190	2.17483
Ft5.1019	Ft8.2994	2.17479
Ft2.2747	Ft8.1779	2.17459
Ft6.1189	Ft6.1465	2.17402
Ft2.1054	Ft3.2973	2.17381
Ft3.2937	Ft7.5087	2.1738
Ft3.2415	Ft4.4106	2.17376
Ft3.177	Ft7.3441	2.17364
Ft2.4091	Ft2.4309	2.17363
Ft2.644	Ft2.2953	2.17357
Ft2.5194	Ft4.1690	2.17344
Ft2.1666	Ft6.815	2.17332
HiC_scaffold_5_2	iC_scaffold_5_33	2.17298
Ft4.483	Ft5.68	2.1724
Ft7.899	Ft8.3283	2.17232
Ft2.4180	Ft2.5765	2.17221
Ft6.1520	Ft7.2408	2.17192
Ft5.2655	Ft8.2510	2.17183
Ft2.2572	Ft8.4881	2.17149
Ft3.2055	Ft3.2422	2.17142

Fe2.503	Fe3.4446	2.37691
Fe3.13988	Fe7.3924	2.37691
Fe2.4886	Fe8.4178	2.37667
Fe4.2854	Fe8.10238	2.37653
Fe6.3087	Hic.scaffold.9.724	2.37638
Fe6.11009	Fe7.1078	2.37626
Fe2.11950	Fe6.3434	2.37622
Fe7.414	Fe8.10732	2.37593
Fe2.10318	Fe5.8785	2.37558
Fe3.3295	Fe6.10468	2.37499
Fe2.2520	Fe7.1118	2.37487
Fe5.10880	Fe7.378	2.3746
Fe1.14429	Fe2.1609	2.37421
Fe2.331	Fe3.1336	2.37416
Fe4.5424	Fe8.5255	2.37406
Fe1.2342	Fe3.7276	2.37405
Fe2.12202	Fe5.3048	2.37398
Fe4.1915	Fe7.1608	2.37386
Fe5.8021	Fe7.12675	2.37373
Fe1.12133	Fe4.13240	2.3736
Fe1.10687	Fe4.8609	2.37356
Fe5.3920	Fe7.7564	2.37353
Fe1.12593	Hic.scaffold.10.373	2.37352
Fe1.3799	Fe5.8034	2.3735
Fe5.10537	Fe6.2996	2.37326
Fe3.4177	Hic.scaffold.10.197	2.37324
Fe2.844	Fe8.4104	2.37306
Fe3.9363	Fe6.9086	2.37264
Fe1.11070	Fe3.2644	2.37228
Fe1.14289	Fe5.1999	2.37184
Fe1.14508	Hic.scaffold.9.333	2.37111
Fe4.13736	Fe6.4262	2.37105
Fe1.9691	Fe5.12748	2.37099
Fe1.4946	Fe1.4985	2.37081
Fe3.10672	Fe7.3724	2.37064
Fe1.7942	Fe8.3517	2.37057
Fe4.3266	Fe8.10547	2.37032
Fe2.4406	Fe5.7912	2.37019
Fe2.13777	Fe3.14367	2.37003
Fe1.7207	Fe4.2222	2.36989
Fe1.1092	Fe5.13029	2.36958
Fe3.1803	Fe5.3009	2.36954
Fe4.2987	Fe7.679	2.36949
Fe1.13826	Fe2.3660	2.36946
Fe3.6012	Fe6.4467	2.36927
Fe4.6157	Fe6.3434	2.36927
Fe2.7841	Fe3.6143	2.36922
Fe5.6719	Fe8.6753	2.36911
Fe3.7893	Fe8.7877	2.36905
Fe1.7669	Fe3.13959	2.36894
Fe3.117	Fe7.378	2.3688
Fe2.11156	Fe6.10111	2.3687
Fe3.1830	Fe8.11672	2.36867
Fe6.5583	Fe7.3724	2.36862
Fe4.3215	Fe6.9484	2.36859
Ft3.2838	Ft7.2999	2.17136
Ft7.4976	Ft8.1638	2.17116
Ft4.2484	Ft6.1121	2.17114
Ft7.951	Ft8.1715	2.17114
Ft2.486	Ft6.345	2.17063
Ft2.4891	Ft8.4030	2.17025
Ft4.1775	Ft7.554	2.17009
Ft3.1236	Ft3.1877	2.17007
Ft2.3466	Ft3.5125	2.1699
Ft8.3580	Ft8.4183	2.16968
Ft3.1028	Ft4.3687	2.16954
Ft1.1632	Ft8.3693	2.16939
Ft2.2783	Ft2.3170	2.16938
Ft1.1579	Ft8.3597	2.16906
Ft2.918	Ft4.3274	2.1687
Ft2.406	Ft5.991	2.16866
Ft2.439	Ft3.3659	2.16849
Ft2.2830	Ft5.2481	2.16847
Ft1.2834	Ft5.2628	2.16835
Ft2.2733	Ft6.1398	2.16824
Ft3.55	Ft4.1237	2.1682
Ft2.5221	Ft4.1717	2.16815
Ft4.732	Ft6.3279	2.1677
Ft1.2651	Ft6.144	2.16765
Ft2.5204	Ft2.5418	2.16762
Ft4.18	Ft7.970	2.16744
Ft3.3643	Ft8.861	2.16722
Ft8.3072	Ft8.3573	2.1671
Ft2.4272	Ft8.4606	2.16698
Ft7.3725	Ft8.2580	2.16658
Ft2.6000	Ft6.3116	2.16645
Ft3.444	Ft3.1756	2.16642
Ft7.764	Ft8.2905	2.16598
Ft7.3973	Ft7.4484	2.16594
Ft1.1886	Ft1.2152	2.16573
Ft2.6044	Ft5.393	2.1657
Ft7.2935	Ft8.1253	2.16559
Ft7.355	Ft7.1872	2.16557
Ft1.1680	Ft8.2783	2.16544
Ft2.4297	Ft8.1923	2.16527
Ft2.5201	Ft3.853	2.16516
Ft3.2801	Ft7.3478	2.1647
Ft2.4615	Ft6.37	2.1645
Ft2.180	Ft2.5194	2.16434
Ft2.3265	Ft4.5936	2.1643
Ft2.6455	Ft7.476	2.16423
Ft7.1030	Ft8.1816	2.1642
Ft1.343	Ft2.5344	2.16394
Ft4.2935	Ft8.1533	2.16319
Ft2.980	Ft3.2060	2.16304
Ft2.4596	Ft8.1638	2.16302
Ft2.5358	Ft3.658	2.16258
Ft3.3466	Ft4.3704	2.16253
Ft4.2961	Ft8.1318	2.16251
Ft4.3539	Ft8.4121	2.16232

Fe1.6549	Fe2.1521	2.36781	Ft4.959	Ft8.602	2.1622
Fe1.3625	Fe3.8922	2.36741	Ft2.2501	Ft7.459	2.1619
Fe4.11603	Fe8.834	2.36726	Ft7.4708	Ft8.106	2.16178
Fe4.5975	Fe8.10124	2.3671	Ft2.2174	Ft2.6145	2.16159
Fe3.3705	Fe7.5370	2.36707	Ft3.2655	Ft7.354	2.16158
Fe2.2449	Fe8.1126	2.36697	Ft1.2818	Ft5.1569	2.1615
Fe3.2832	Fe6.10342	2.3669	Ft2.922	Ft4.222	2.1615
Fe1.9715	Fe5.6710	2.36658	Ft3.4277	Ft4.4329	2.16149
Fe1.4430	Fe6.2334	2.36652	Ft3.2690	Ft8.2476	2.16139
Fe6.3644	Fe8.1537	2.36642	Ft2.6109	Ft4.5587	2.16107
Fe1.3575	Fe5.3876	2.36639	Ft2.2378	Ft3.5510	2.161
Fe2.3229	Fe4.3845	2.36635	Ft7.378	Ft7.2555	2.16084
Fe3.1842	Fe3.10111	2.36633	Ft7.1016	Ft7.1150	2.16074
Fe2.2135	Fe7.7424	2.36631	Ft3.2690	Ft7.319	2.16061
Fe4.5952	Fe6.10760	2.36631	Ft3.1193	Ft4.44	2.16024
Fe3.2916	Fe7.5994	2.3662	Ft4.3735	Ft6.3299	2.16016
Fe2.1029	Fe3.5563	2.36614	Ft3.3141	Ft7.1553	2.15999
Fe8.4076	Fe8.5691	2.3661	Ft4.2542	Ft6.1104	2.15999
Fe3.12283	Hic.scaffold.13.241	2.36601	Ft4.3963	Ft7.996	2.15995
Fe3.8611	Fe6.11952	2.36601	Ft4.1722	Ft6.1120	2.15984
Fe5.13704	Fe8.2451	2.3659	Ft7.3973	Ft7.5141	2.15932
Fe2.9583	Fe5.1180	2.36573	Ft3.2022	Ft3.2781	2.15923
Fe1.1603	Hic.scaffold.9.229	2.36563	Ft7.1010	Ft8.1789	2.15906
Fe1.2354	Fe3.6498	2.36563	Ft6.2829	Ft7.3057	2.15886
Fe1.13888	Fe4.11110	2.36558	Ft6.534	Ft8.1898	2.15873
Fe3.10212	Fe7.2660	2.36555	Ft3.1014	Ft6.2286	2.1586
Fe1.4511	Fe5.8962	2.36553	Ft2.5622	Ft4.5465	2.15827
Fe2.2870	Fe3.9118	2.36543	Ft3.485	Ft8.2753	2.15823
Fe2.10943	Fe6.4394	2.36539	Ft2.2651	Ft4.753	2.15822
Fe3.6143	Fe7.1191	2.36535	Ft1.508	Ft1.2435	2.15814
Fe2.12215	Fe6.2157	2.3651	Ft5.2623	Ft8.2582	2.15774
Fe3.7038	Fe8.5521	2.36488	Ft3.2065	Ft4.1887	2.15743
Fe7.3639	Fe8.10027	2.36471	Ft2.896	Ft8.121	2.15725
Fe3.12324	Hic.scaffold.9.232	2.36441	Ft2.3364	Ft4.5924	2.15724
Fe4.11603	Fe8.4322	2.36439	Ft4.2846	Ft8.1238	2.15717
Fe2.7110	Fe6.5336	2.36437	Ft3.1278	Ft8.3544	2.15709
Fe2.1382	Fe2.11631	2.36423	Ft2.751	Ft2.5736	2.15682
Fe1.10449	Fe6.9306	2.36395	Ft3.2868	Ft4.2219	2.15677
Fe1.7932	Fe4.6127	2.36395	Ft4.1726	Ft8.2624	2.15665
Fe3.6640	Fe5.10080	2.36376	Ft1.54	Ft2.6417	2.15654
Fe2.2450	Fe6.3212	2.36354	Ft3.1318	Ft7.1608	2.15631
Fe1.13929	Fe2.10986	2.36342	Ft3.1426	Ft4.4154	2.15604
Fe6.2493	Fe8.2941	2.36334	Ft3.600	Ft3.1858	2.15594
Fe1.8631	Fe8.3299	2.36331	Ft1.667	Ft5.2594	2.15539
Fe7.2863	Fe7.3924	2.36308	Ft3.853	Ft6.652	2.15539
Fe1.14242	Fe2.14021	2.36305	Ft1.1515	Ft8.2191	2.15531
Fe5.3829	Fe7.1761	2.36299	Ft7.2652	Ft8.1722	2.15521
Fe4.347	Fe4.13797	2.36287	Ft6.3446	Ft7.5073	2.1552
Fe2.3817	Fe5.3903	2.36236	Ft2.2733	Ft2.4371	2.15456
Fe1.194	Fe2.12154	2.36225	Ft3.2753	Ft3.3236	2.15435
Fe3.7985	Fe6.9494	2.36219	Ft3.422	Ft5.508	2.15432
Fe1.3075	Fe6.9220	2.36218	Ft2.6060	Ft8.5057	2.15418
Fe2.13578	Fe5.13030	2.36211	Ft2.2294	Ft6.871	2.15407
Fe6.3477	Fe7.6933	2.36208	Ft7.3084	Ft7.3941	2.15394
Fe2.10467	Fe3.1381	2.36205	Ft2.640	Ft7.3066	2.15392

Fe1.9872	Fe7.9640	2.36189	Ft2.5695	Ft7.4781	2.15391
Fe6.5307	Fe8.5198	2.36188	Ft7.3029	Ft8.3963	2.15373
Fe3.7426	Fe8.3517	2.36177	Ft3.3170	Ft3.3657	2.1537
Fe1.4946	Fe6.7602	2.36164	Ft1.866	Ft2.4705	2.15339
Fe4.7275	Fe6.9188	2.36163	Ft4.2157	Ft7.1599	2.15334
Fe5.11135	Fe8.7358	2.36153	Ft1.2271	Ft4.2070	2.15309
Fe6.9798	Fe8.6848	2.36136	Ft7.2561	Ft8.4186	2.15285
Fe5.12302	Fe6.5391	2.36125	Ft2.4955	Ft3.2526	2.15277
Fe2.10817	Fe8.9209	2.3612	Ft2.904	Ft4.4854	2.1525
Fe2.1521	Fe2.3817	2.36119	Ft3.1391	Ft7.3056	2.15223
Fe3.10079	Fe7.9841	2.36075	Ft3.665	Ft3.1779	2.15217
Fe4.9132	Fe8.5081	2.36057	Ft3.4509	Ft4.3690	2.15163
Fe4.3901	Fe6.7806	2.36052	Ft7.3751	Ft8.1940	2.1516
Fe1.6212	Fe6.9415	2.36049	Ft2.2903	Ft8.2868	2.15144
Fe2.13136	Fe3.13647	2.36041	Ft3.1300	Ft7.354	2.15128
Fe2.2243	Fe2.13896	2.36039	Ft4.5914	Ft5.415	2.15101
Fe5.3355	Fe6.11083	2.36033	Ft2.2904	Ft7.609	2.15094
Fe3.4856	Fe8.3289	2.36032	Ft3.5025	Ft3.5348	2.15089
Fe4.10780	Fe5.3052	2.36021	Ft4.1403	Ft8.182	2.15041
Fe2.1846	Fe4.12771	2.3601	Ft2.6595	Ft3.1427	2.15011
Fe3.8600	Fe5.7762	2.36002	Ft7.1030	Ft7.1201	2.15011
Fe1.6595	Fe7.7202	2.35997	Ft2.1054	Ft8.3478	2.15004
Fe4.14431	Fe7.1880	2.35987	Ft2.3010	Ft3.3615	2.14985
Fe1.2754	Fe6.4605	2.35974	Ft3.1840	Ft5.405	2.14968
Fe2.14021	Fe3.3620	2.35967	Ft2.6021	Ft8.2920	2.14962
Fe4.11603	Fe5.3903	2.35956	Ft2.6145	Ft6.2213	2.14922
Fe1.9425	Fe6.5390	2.3593	Ft2.6074	Ft6.864	2.14905
Fe4.11964	Fe6.2885	2.35908	Ft2.6468	Ft3.2879	2.14887
Fe1.11979	Fe7.5258	2.35904	Ft2.5786	Ft7.4717	2.14857
Fe3.13662	Hic.scaffold.13.200	2.35874	Ft7.3751	Ft8.3849	2.14827
Fe2.8170	Fe8.9687	2.35861	Ft3.3163	Ft7.2994	2.14773
Fe2.12294	Fe4.10335	2.3585	HiC_scaffold_5_[iC_scaffold_5_34		2.14768
Fe3.7455	Fe8.5307	2.35837	Ft4.5421	Ft6.1192	2.14758
Fe6.2369	Fe7.13121	2.35827	Ft7.2199	Ft7.2986	2.14744
Fe1.10029	Fe4.5920	2.35797	Ft2.649	Ft8.1494	2.14734
Fe6.9518	Hic.scaffold.9.232	2.35785	Ft1.373	Ft8.5288	2.14663
Fe4.7125	Fe8.494	2.3577	Ft3.4894	Ft4.1887	2.14659
Fe5.4822	Fe7.7422	2.35766	Ft2.261	Ft4.4207	2.14655
Fe3.8582	Fe5.11663	2.35743	Ft3.2021	Ft7.3522	2.1464
Fe2.8440	Fe8.11096	2.35724	Ft3.5518	Ft6.2142	2.14627
Fe1.14373	Fe8.7884	2.35715	Ft2.6114	Ft8.3874	2.14618
Fe2.4141	Fe3.10672	2.35715	Ft1.2774	Ft6.971	2.14617
Fe3.2840	Fe8.3507	2.35715	Ft2.2927	Ft7.1016	2.14578
Fe2.2840	Fe3.8186	2.35709	Ft6.1447	Ft7.3091	2.14551
Fe6.3704	Fe6.10344	2.35678	Ft1.1600	Ft5.937	2.14508
Fe1.1693	Fe2.11331	2.35655	Ft3.2055	Ft7.3371	2.14481
Fe4.11941	Fe6.3944	2.35655	Ft4.5629	Ft7.2613	2.14475
Fe2.13308	Fe7.2721	2.35651	Ft5.268	Ft6.1656	2.14443
Fe6.11029	Fe7.2663	2.35622	Ft3.973	Ft6.858	2.1442
Fe6.5077	Fe8.8565	2.35564	Ft2.5166	Ft4.126	2.14412
Fe3.6199	Fe6.5797	2.35562	Ft2.2457	Ft8.2781	2.14396
Fe3.9792	Fe7.12676	2.35542	Ft7.1914	Ft7.3117	2.14384
Fe1.3705	Fe5.3846	2.35529	Ft2.3205	Ft7.4976	2.14341
Fe4.5499	Fe6.9588	2.35523	Ft4.761	Ft8.1803	2.1431
Fe7.11467	Fe8.5131	2.35506	Ft4.2705	Ft8.2966	2.14287

Fe6.2246	Fe6.12170	2.35493	Ft3.1474	Ft3.1787	2.14251
Fe4.2970	Fe8.9945	2.35465	Ft6.953	Ft7.2643	2.14248
Fe1.8217	Fe8.3099	2.35452	Ft7.1111	Ft7.2922	2.1424
Fe2.2141	Fe2.6150	2.3542	Ft3.910	Ft4.771	2.1423
Fe5.9011	Fe7.5939	2.35414	Ft2.651	Ft6.1831	2.14224
Fe4.14110	Fe5.250	2.35406	Ft3.4817	Ft8.1950	2.14206
Fe1.14547	Fe2.3792	2.35405	Ft4.5712	Ft4.6037	2.14197
Fe3.1225	Fe6.1037	2.35402	Ft7.817	Ft7.4961	2.14194
Fe1.10891	Fe4.3784	2.35396	Ft4.2000	Ft7.2993	2.1419
Fe1.1414	Fe6.3562	2.35393	Ft7.4809	Ft8.1372	2.14177
Fe1.5717	Fe3.7105	2.35386	Ft3.1474	Ft7.4647	2.14135
Fe6.6229	Fe7.7282	2.35385	Ft1.343	Ft1.925	2.14131
Fe2.10253	Fe7.11503	2.35378	Ft2.481	Ft3.3719	2.14093
Fe3.471	Fe4.778	2.35375	Ft4.1213	Ft5.342	2.14068
Fe1.3697	Fe2.3229	2.35364	Ft6.1220	Ft7.2376	2.14051
Fe3.4573	Fe4.7447	2.3535	Ft3.4567	Ft5.691	2.14048
Fe2.2590	Fe7.7007	2.35326	Ft1.314	Ft4.1027	2.14038
Fe2.10472	Fe3.2827	2.35309	Ft7.2439	Ft8.2788	2.1403
Fe3.5420	Fe7.8655	2.35263	Ft2.3286	Ft8.2383	2.13964
Fe5.7819	Fe8.5256	2.35223	Ft2.28	Ft7.4776	2.13945
Fe4.10690	Fe7.6015	2.35207	Ft4.5421	Ft6.112	2.13933
Fe3.6264	Fe3.12008	2.35186	Ft3.1844	Ft7.698	2.1392
Fe4.9906	Fe6.9851	2.35176	Ft3.5427	Ft7.1824	2.1392
Fe3.13974	Fe7.4893	2.35169	Ft3.1318	Ft4.961	2.13876
Fe1.4985	Fe8.5380	2.35126	Ft2.2391	Ft2.6099	2.1383
Fe1.3214	Fe5.2562	2.35103	Ft2.2669	Ft3.1068	2.13829
Fe1.12711	Hic.scaffold.12.40	2.35099	Ft7.1902	Ft8.590	2.13827
Fe7.869	Fe8.7981	2.35069	Ft6.2948	Ft8.5023	2.13774
Fe1.5781	Fe3.5975	2.35067	Ft4.4468	Ft8.2140	2.13744
Fe3.205	Fe8.8590	2.35054	Ft3.4217	Ft4.465	2.13727
Fe2.11265	Fe8.7059	2.35051	Ft1.1260	Ft2.4997	2.13714
Fe5.13029	Fe7.4318	2.35033	Ft5.826	Ft7.2426	2.13691
Fe1.2597	Fe1.10153	2.35022	Ft3.383	Ft4.5408	2.13672
Fe8.3559	Fe8.9071	2.35021	Ft4.4282	Ft7.2089	2.13647
Fe4.8154	Fe8.3444	2.3502	Ft2.6488	Ft6.1618	2.13642
Fe2.12798	Fe4.5230	2.35006	Ft1.317	Ft4.488	2.13619
Fe2.9583	Fe4.2989	2.34979	Ft8.3521	Ft8.4252	2.13608
Fe2.10301	Fe3.4568	2.34974	Ft1.293	Ft6.3421	2.13591
Fe2.13139	Fe3.13985	2.34971	Ft7.4972	Ft8.1753	2.13591
Fe2.10739	Fe4.10815	2.34963	Ft2.1734	Ft2.2504	2.13585
Fe1.5978	Fe4.4684	2.34954	Ft2.6615	Ft7.1069	2.13584
Fe4.787	Fe7.1058	2.3494	Ft7.951	Ft7.3029	2.13579
Fe1.5070	Fe6.11588	2.34924	Ft4.2174	Ft8.740	2.13574
Fe4.13712	Fe8.11415	2.34909	Ft6.2114	Ft7.3045	2.13507
Fe4.1980	Fe5.9650	2.34909	Ft2.284	Ft2.4222	2.135
Fe1.13235	Fe1.13914	2.34908	Ft3.1907	Ft6.2103	2.13499
Fe1.4842	Fe7.2616	2.34887	Ft3.2035	Ft7.2802	2.13495
Fe1.4327	Fe2.478	2.3488	Ft4.1984	Ft8.195	2.13494
Fe5.3829	Fe6.10312	2.34874	Ft3.3287	Ft7.3342	2.13487
Fe1.1088	Fe6.3457	2.34855	Ft4.222	Ft6.2394	2.13426
Fe6.410	Hic.scaffold.11.410	2.34848	Ft1.2298	Ft8.5218	2.13422
Fe3.13360	Fe7.12718	2.34832	Ft3.1391	Ft3.2001	2.13396
Fe1.12619	Fe2.13879	2.34822	Ft3.1881	Ft8.2565	2.13389
Fe3.7728	Fe4.8299	2.3482	Ft2.2678	Ft8.3893	2.13385
Fe1.12052	Fe8.9825	2.348	Ft3.564	Ft3.1779	2.13378

Fe1.11818	Fe7.5564	2.34796
Hic.scaffold.11.101	Hic.scaffold.11.366	2.34794
Fe3.266	Fe8.9138	2.34787
Fe4.8333	Fe6.6316	2.34775
Fe3.11799	Fe5.4313	2.34763
Fe5.1700	Fe5.13668	2.34749
Fe1.7809	Fe8.5307	2.34712
Fe4.5622	Fe6.6339	2.34711
Fe1.14258	Fe7.2253	2.34704
Fe2.9280	Fe4.12907	2.34686
Fe3.4676	Fe7.6128	2.3468
Fe1.12419	Fe4.652	2.34674
Fe6.8258	Fe7.6321	2.34662
Fe1.9242	Fe7.603	2.34661
Fe4.14239	Hic.scaffold.11.101	2.34644
Fe7.5099	Fe8.9860	2.34638
Fe6.7341	Fe7.2545	2.34628
Fe4.13044	Fe6.3316	2.34626
Fe1.13210	Hic.scaffold.10.255	2.34605
Fe3.419	Fe5.1777	2.34599
Fe5.3829	Fe5.10735	2.34581
Fe4.8299	Fe6.5989	2.34572
Fe3.8710	Fe7.1124	2.34569
Fe1.9402	Fe2.10242	2.34557
Fe5.14467	Fe6.163	2.34551
Fe7.6936	Fe8.5353	2.34541
Fe1.5326	Fe7.1793	2.34531
Fe7.2566	Fe7.11034	2.34513
Fe4.1236	Fe8.9624	2.34512
Fe3.2840	Fe4.3461	2.34502
Fe4.3970	Fe7.10812	2.34474
Fe2.9729	Fe4.3031	2.34453
Fe5.5956	Fe7.3724	2.34451
Fe6.5915	Fe8.5307	2.34449
Fe4.5895	Fe7.1612	2.34439
Fe5.13779	Fe7.201	2.34431
Fe1.14122	Fe2.12370	2.34407
Fe2.4702	Fe5.5956	2.34402
Fe3.1133	Fe7.2292	2.34397
Fe2.13619	Fe7.388	2.34389
Fe3.1366	Fe6.11374	2.34384
Fe1.4642	Fe3.2864	2.3438
Fe2.3666	Fe6.2340	2.34375
Fe3.1079	Fe8.10048	2.34353
Fe3.6640	Fe8.10091	2.34327
Fe4.9804	Fe5.6912	2.34319
Fe4.4760	Fe4.11906	2.34311
Fe2.2478	Fe4.1091	2.34295
Fe2.13798	Fe8.9943	2.34258
Fe4.6106	Fe5.10685	2.3425
Fe1.14503	Fe3.14481	2.34234
Fe2.597	Fe3.11833	2.34227
Fe2.11634	Fe8.11209	2.34209
Fe1.6391	Fe2.10346	2.34196
Fe5.1180	Fe6.11361	2.34193
Ft2.937	Ft2.3614	2.13357
Ft3.2821	Ft7.2948	2.13347
Ft3.1013	Ft6.2381	2.13344
Ft3.1161	Ft6.1852	2.13334
Ft3.1515	Ft3.4291	2.13332
Ft1.2360	Ft8.4131	2.13324
Ft5.1432	Ft5.2917	2.13307
Ft2.3073	Ft8.4245	2.13303
Ft2.668	Ft3.2035	2.13303
Ft4.1919	Ft4.4940	2.13268
Ft2.3195	Ft2.4038	2.13242
Ft2.5155	Ft3.5475	2.13226
Ft7.330	Ft8.3216	2.13224
Ft4.961	Ft7.386	2.13214
Ft2.6433	Ft5.2628	2.13197
Ft4.3584	Ft7.1591	2.13182
Ft1.458	Ft6.1021	2.13169
Ft4.793	Ft7.498	2.13158
Ft3.664	Ft8.4218	2.13153
Ft4.1182	Ft7.2076	2.13133
Ft6.1498	Ft7.5178	2.13124
Ft4.1891	Ft8.4599	2.13083
Ft2.2655	Ft4.35	2.13014
Ft2.1004	Ft2.4604	2.13005
Ft2.889	Ft7.1016	2.13
Ft3.1398	Ft8.1724	2.12991
Ft3.2029	Ft3.3495	2.1298
Ft5.202	Ft5.2074	2.12978
Ft2.3416	Ft4.5602	2.12975
Ft3.1136	Ft8.2782	2.12964
Ft3.916	Ft8.3496	2.12964
Ft2.4169	Ft8.5274	2.12948
Ft6.1044	Ft7.5068	2.12938
Ft2.80	Ft3.1252	2.12921
Ft3.4583	Ft4.2181	2.12905
Ft2.1922	Ft3.4096	2.12901
Ft6.1799	Ft8.1963	2.12888
Ft6.1807	Ft7.1864	2.12881
Ft2.2915	Ft7.4784	2.12836
Ft2.5592	Ft3.5199	2.1281
Ft2.2838	Ft8.5159	2.12794
Ft2.5215	Ft4.66	2.12755
Ft5.1412	Ft8.2799	2.12734
Ft3.4980	Ft8.632	2.12721
Ft3.2111	Ft3.2793	2.12681
Ft1.407	Ft8.2748	2.12655
Ft2.1146	Ft8.3625	2.12618
Ft6.3355	Ft8.1294	2.12614
Ft2.264	Ft4.1235	2.12611
Ft7.1734	Ft8.1779	2.12607
Ft6.171	Ft7.452	2.12603
Ft2.960	Ft8.313	2.12556
Ft2.4528	Ft3.2035	2.1255
Ft4.1917	Ft8.195	2.12495
Ft3.2001	Ft4.5626	2.12487

Fe5.11428	Fe6.3100	2.3419	Ft7.606	Ft8.1622	2.12439
Fe5.54	Fe5.4316	2.34172	Ft4.2634	Ft4.3776	2.12438
Fe1.8646	Fe6.790	2.34144	Ft7.2948	Ft8.3996	2.12422
Fe3.12229	Fe8.5461	2.34134	Ft3.3547	Ft8.1693	2.12421
Fe1.14120	Fe6.3960	2.34128	Ft5.841	Ft7.2362	2.12416
Fe4.11874	Fe8.3065	2.34117	Ft5.1227	Ft6.1112	2.12383
Fe3.1157	Fe6.11633	2.34116	Ft4.1120	Ft8.4074	2.12381
Fe7.6177	Fe8.10904	2.34107	Ft4.6153	Ft7.2512	2.12379
Fe1.9460	Fe5.5956	2.34106	Ft3.385	Ft7.4906	2.12378
Fe4.3833	Fe8.3743	2.34093	Ft2.80	Ft4.1408	2.12372
Fe2.9759	Fe6.2695	2.34089	Ft2.5670	Ft3.635	2.1235
Fe6.9302	Fe6.10868	2.34087	Ft3.1906	Ft4.520	2.1235
Fe2.13721	Fe8.10617	2.34079	Ft3.531	Ft7.4874	2.12334
Fe5.2963	Fe7.3071	2.34049	Ft2.2035	Ft2.4299	2.12262
Fe2.1225	Fe2.2807	2.3404	Ft3.694	Ft4.1771	2.12259
Fe2.11798	Fe8.9970	2.34034	Ft3.949	Ft3.1911	2.12194
Fe6.11384	Fe7.12676	2.33986	Ft2.501	Ft3.4937	2.12179
Fe2.10624	Fe8.9226	2.33983	Ft3.661	Ft4.132	2.12156
Fe2.4046	Fe8.11858	2.33979	Ft2.4066	Ft2.5846	2.12123
Fe3.13280	Fe7.1599	2.33953	Ft2.2692	Ft2.2925	2.12099
Fe7.8137	Fe7.9681	2.33894	Ft1.377	Ft2.4207	2.12033
Fe2.8274	Fe5.2115	2.33877	Ft2.2149	Ft8.3882	2.12021
Fe4.4743	Fe7.6352	2.33841	Ft3.3028	Ft4.711	2.1198
Fe2.9604	Fe5.13422	2.33839	Ft3.2256	Ft8.283	2.11959
Fe1.2586	Fe4.5755	2.33802	Ft2.4329	Ft7.2695	2.11953
Fe2.123	Fe3.13686	2.33793	Ft2.3486	Ft7.4808	2.11923
Fe2.6331	Fe8.11735	2.33777	Ft2.5221	Ft3.5569	2.11918
Fe4.14544	Fe8.10719	2.33776	Ft2.5020	Ft8.525	2.11911
Fe3.3045	Fe4.7938	2.33761	Ft2.4496	Ft2.5231	2.11904
Fe3.5160	Fe7.3804	2.3376	Ft2.4523	Ft7.996	2.11891
Fe2.9280	Fe3.2388	2.33757	Ft2.3038	Ft3.2962	2.11884
Fe2.10301	Fe8.732	2.33753	Ft2.2679	Ft3.1862	2.11838
Fe3.5714	Fe5.9386	2.33737	Ft2.2483	Ft3.4059	2.11824
Fe3.380	Fe5.1615	2.33731	Ft3.2292	Ft5.775	2.11823
Fe3.11992	Fe8.7462	2.33728	Ft2.915	Ft3.1673	2.11818
Fe7.2526	Fe7.12965	2.33728	Ft7.2439	Ft8.1609	2.11795
Fe2.9757	Fe7.3724	2.33721	Ft2.2474	Ft7.4834	2.11737
Fe1.10153	Fe6.9985	2.33713	Ft4.5622	Ft5.669	2.11699
Fe3.5610	Fe6.3172	2.33699	Ft6.3419	Ft7.5075	2.11688
Fe5.3829	Fe5.11538	2.33665	Ft5.2289	Ft8.4976	2.11683
Fe2.2771	Fe6.9071	2.33655	Ft7.1648	Ft8.195	2.11678
Fe4.9297	Fe4.11036	2.33644	Ft7.4862	Ft8.3693	2.11664
Fe3.9532	Fe8.2730	2.33621	Ft8.249	Ft8.4009	2.11643
Fe3.8922	Fe7.6855	2.33604	Ft6.3014	Ft7.4639	2.11638
Fe3.12316	Fe8.8152	2.3359	Ft3.4980	Ft4.3666	2.11634
Fe1.9073	Fe6.9851	2.33585	Ft2.5221	Ft7.3115	2.11615
Fe1.13871	Fe7.1071	2.33579	Ft1.836	Ft2.6414	2.11585
Fe2.9956	Fe4.13320	2.33552	Ft1.99	Ft3.5371	2.11556
Fe3.13662	Fe6.2369	2.33552	Ft2.6044	Ft2.6537	2.11514
Fe5.13854	Fe6.8044	2.3353	Ft2.3092	Ft2.4525	2.1145
Fe3.10945	Fe7.3509	2.33527	Ft5.1304	Ft5.2189	2.1145
Fe7.342	Fe7.650	2.33524	Ft2.904	Ft8.3996	2.11446
Fe1.3994	Fe8.5413	2.33514	Ft3.3329	Ft4.783	2.11416
Fe1.1779	Fe1.14183	2.33509	Ft4.4917	Ft8.3358	2.11398
Fe1.334	Fe4.13738	2.33502	Ft8.404	Ft8.3360	2.11385

Fe1.12003	Fe4.8402	2.335
Fe4.9693	Fe5.9386	2.335
Fe3.8749	Fe8.5702	2.33499
Fe2.10480	Fe2.13134	2.33496
Fe3.4793	Fe7.3633	2.33486
Fe8.1430	Hic.scaffold.9.864	2.33486
Fe3.13366	Fe5.4171	2.33482
Fe1.9262	Fe3.7985	2.33445
Fe2.3199	Fe4.3873	2.33425
Fe4.13853	Fe7.434	2.33416
Fe6.11462	Fe7.3509	2.33407
Fe2.13660	Fe4.11321	2.334
Fe1.12243	Fe6.3506	2.33395
Fe4.4678	Fe4.13517	2.3338
Fe6.9344	Fe7.6484	2.3338
Fe3.7985	Fe7.771	2.33356
Fe3.13798	Fe4.2989	2.33342
Fe6.1426	Fe8.11141	2.33297
Fe1.7070	Fe1.9937	2.33296
Fe1.7329	Fe6.5213	2.33284
Fe2.10935	Fe7.4295	2.3324
Fe4.13368	Fe5.8307	2.33231
Fe2.10632	Fe5.13274	2.33218
Fe6.9324	Fe8.8017	2.33204
Fe2.7473	Fe4.2908	2.33189
Fe6.2269	Fe7.12885	2.33163
Fe3.6619	Fe7.12167	2.3316
Fe5.8638	Fe7.7367	2.33157
Fe1.10582	Fe7.11022	2.33144
Fe3.13477	Fe4.2909	2.33127
Fe5.2769	Fe7.642	2.33112
Fe2.8848	Fe3.1792	2.3311
Fe2.11341	Fe2.13610	2.33098
Fe6.10929	Fe7.3429	2.33084
Fe2.1153	Fe2.11650	2.33056
Fe3.1607	Fe3.2729	2.33045
Fe1.5795	Fe4.1685	2.33041
Fe3.12181	Fe4.2815	2.33038
Fe1.9047	Fe5.9892	2.3303
Fe5.9758	Fe6.2750	2.32975
Fe2.8585	Fe7.9673	2.32972
Fe5.12867	Fe7.11992	2.32953
Fe2.8385	Fe5.1742	2.32935
Fe1.4852	Fe7.788	2.32884
Fe2.2308	Fe4.12515	2.32884
Fe3.7763	Fe4.4841	2.32881
Fe3.8600	Fe5.13081	2.32861
Fe5.1994	Fe5.13972	2.32851
Fe4.4918	Fe5.12554	2.32832
Fe2.8622	Fe3.933	2.32822
Fe1.2538	Fe7.11598	2.32813
Fe3.3101	Fe4.152	2.32812
Fe7.1686	Fe8.10915	2.32787
Fe3.3622	Fe6.4696	2.32776
Fe2.8047	Fe3.4114	2.32774
Ft4.954	Ft6.10	2.11383
Ft1.2763	Ft3.4727	2.1137
Ft2.4097	Ft7.4919	2.11351
Ft2.2537	Ft7.3442	2.1132
Ft3.3187	Ft4.980	2.1132
Ft4.2133	Ft6.901	2.11274
Ft1.411	Ft6.995	2.1127
Ft2.2651	Ft4.4340	2.11269
Ft4.128	Ft8.1516	2.11199
Ft5.944	Ft8.1899	2.11191
Ft2.1769	Ft8.3283	2.11177
Ft5.1356	Ft7.3782	2.11153
Ft3.643	Ft8.3843	2.11152
Ft4.4823	Ft7.2628	2.11135
Ft3.5567	Ft8.3596	2.11119
Ft2.1046	Ft6.1330	2.11094
Ft2.3953	Ft7.3004	2.11093
Ft2.5892	Ft5.502	2.11069
Ft4.5591	Ft5.705	2.11049
Ft2.3012	Ft8.1623	2.11043
Ft2.6653	Ft8.370	2.11043
Ft5.1038	Ft6.2026	2.11035
Ft2.1843	Ft8.1529	2.11031
Ft4.1223	Ft7.3013	2.11011
Ft4.4705	Ft6.3546	2.10992
Ft7.1597	Ft8.1753	2.10976
Ft2.1804	Ft7.1645	2.1097
Ft2.1555	Ft3.2101	2.10969
Ft3.1779	Ft4.1858	2.1096
Ft2.567	Ft3.1673	2.10937
Ft1.2732	Ft2.5219	2.10927
Ft2.5569	Ft8.3409	2.10855
Ft2.5190	Ft7.2586	2.10845
Ft2.528	Ft7.3697	2.10845
Ft6.3393	Ft7.4771	2.10841
Ft6.2043	Ft7.4916	2.10832
Ft4.1642	Ft8.2563	2.10826
Ft2.5799	Ft6.77	2.10771
Ft2.2604	Ft8.4897	2.10762
Ft7.1079	Ft8.65	2.10759
Ft3.290	Ft4.669	2.10753
Ft5.277	Ft7.3202	2.1075
Ft4.3567	Ft7.4916	2.10748
Ft5.2799	Ft6.3048	2.10742
Ft5.2031	Ft7.3834	2.1072
Ft2.3358	Ft4.5929	2.10711
Ft4.1198	Ft7.2109	2.1071
Ft5.715	Ft7.4255	2.10682
Ft3.1224	Ft7.634	2.10671
Ft2.3926	Ft5.337	2.10655
Ft2.4024	Ft7.1655	2.10649
Ft3.2029	Ft3.2450	2.10635
Ft4.1424	Ft8.143	2.10609
Ft2.3804	Ft7.1245	2.10578
Ft5.380	Ft5.1799	2.10559

Fe2.9360	Fe2.12225	2.32758	Ft2.4624	Ft4.5840	2.10554
Fe3.599	Fe5.13050	2.32691	Ft3.1835	Ft7.2474	2.10545
Fe4.6236	Fe6.4812	2.32689	Ft2.4476	Ft8.4292	2.10539
Fe8.884	Fe8.5516	2.32687	Ft2.4227	Ft4.5740	2.10536
Fe5.2969	Fe7.3090	2.32671	Ft3.2925	Ft8.3429	2.10518
Fe4.2921	Fe4.3420	2.32664	Ft5.40	Ft5.726	2.10496
Fe2.5057	Fe6.5235	2.32662	Ft1.1970	Ft6.2471	2.10494
Fe4.4837	Fe5.13338	2.32657	Ft3.3492	Ft8.3374	2.10466
Fe5.3594	Fe7.3846	2.32648	Ft4.802	Ft7.4961	2.10457
Fe3.466	Fe8.11887	2.32644	Ft3.113	Ft4.3142	2.10443
Fe4.13995	Fe6.469	2.32643	Ft3.1464	Ft8.5207	2.10391
Fe1.11196	Fe3.13798	2.32636	Ft5.1943	Ft7.4517	2.10372
Fe1.6870	Fe5.5658	2.32633	Ft5.752	Ft6.833	2.10367
Fe2.11786	Fe4.3331	2.32617	Ft4.5483	Ft5.2350	2.10344
Fe2.12288	Fe7.905	2.3259	Ft3.1464	Ft8.2799	2.10336
Fe1.5395	Fe7.1816	2.32581	Ft4.4276	Ft7.2232	2.10335
Fe7.148	Fe8.7445	2.32538	Ft1.2385	Ft7.5177	2.10323
Fe2.28	Fe4.2989	2.32507	Ft2.4832	Ft3.5414	2.10297
Fe1.2538	Fe6.5989	2.32502	Ft2.5947	Ft4.136	2.10283
Fe2.8170	Fe5.2050	2.32478	Ft2.860	Ft3.2539	2.10281
Fe1.14503	Fe6.3457	2.32475	Ft4.5619	Ft7.506	2.10277
Fe1.12245	Fe6.5033	2.32458	Ft3.1972	Ft3.2589	2.10275
Fe3.7728	Fe6.6668	2.32457	Ft2.6455	Ft7.4753	2.10269
Fe6.11165	Fe8.1360	2.32449	Ft4.5629	Ft5.670	2.10266
Fe1.10243	Fe3.6640	2.32444	Ft2.4883	Ft7.4938	2.1025
Fe7.11598	Fe8.5307	2.32419	Ft8.632	Ft8.1722	2.102
Fe4.11603	Fe6.6120	2.32405	Ft5.824	Ft6.879	2.10189
Fe2.8018	Fe6.3358	2.32398	Ft4.5337	Ft6.1572	2.10184
Fe5.12864	Fe7.2448	2.32358	Ft2.958	Ft5.433	2.10147
Fe1.10460	Fe4.8339	2.32349	Ft1.2686	Ft2.5161	2.10136
Fe2.11891	Hic.scaffold.9.316	2.32322	Ft4.1731	Ft8.3338	2.10136
Fe5.1616	Hic.scaffold.12.90	2.32312	Ft5.821	Ft6.3604	2.10124
Fe2.1575	Fe3.6071	2.3229	Ft2.2523	Ft3.826	2.10077
Fe3.8580	Hic.scaffold.9.270	2.32276	Ft7.4995	Ft8.4455	2.10068
Fe7.392	Fe8.10844	2.32275	Ft4.5612	Ft6.2277	2.10057
Fe3.12055	Fe3.13899	2.32266	Ft7.4916	Ft8.3564	2.10051
Fe4.14350	Fe5.13560	2.32251	Ft2.5166	Ft8.168	2.10043
Fe1.7583	Fe6.5048	2.32241	Ft3.3473	Ft7.3288	2.10016
Fe1.570	Fe2.13969	2.32239	Ft2.615	Ft4.3545	2.10007
Fe1.1933	Fe4.11813	2.32231	Ft4.1961	Ft7.3732	2.10007
Fe1.10184	Fe3.4362	2.32229	Ft3.4693	Ft6.2214	2.09997
Fe4.8977	Fe7.6295	2.32192	Ft2.2220	Ft8.3927	2.09994
Fe2.8404	Fe4.5702	2.32179	Ft4.6001	Ft6.1821	2.09982
Fe4.5969	Fe7.11828	2.32178	Ft2.4150	Ft7.570	2.09972
Fe4.7347	Fe7.3843	2.32171	Ft5.2628	Ft8.2563	2.09951
Fe2.4702	Fe7.11459	2.32168	Ft2.4683	Ft3.883	2.09947
Fe1.3335	Fe3.8565	2.32167	Ft7.4789	Ft8.3853	2.09933
Fe6.2269	Fe8.7419	2.32126	Ft5.1856	Ft7.865	2.09929
Fe3.13098	Fe7.5800	2.32116	Ft1.2834	Ft4.3532	2.09927
Fe2.10293	Fe3.11948	2.32101	Ft2.2713	Ft3.1356	2.09922
Fe2.2964	Fe3.12261	2.321	Ft7.3046	Ft8.4726	2.09905
Fe3.5533	Fe4.4050	2.32093	Ft2.186	Ft2.4285	2.09858
Fe7.11459	Fe8.6652	2.32086	Ft4.2706	Ft8.797	2.09852
Fe2.3229	Fe5.2829	2.32079	Ft2.5370	Ft4.4994	2.09844
Fe4.2896	Fe8.3656	2.32048	Ft4.2074	Ft8.1649	2.09813

Fe3.13134	Fe4.917	2.3202	Ft4.786	Ft7.4995	2.0981
Fe2.11798	Fe5.10402	2.32013	Ft3.3226	Ft8.195	2.09809
Fe1.2586	Fe3.8611	2.32008	Ft2.1743	Ft4.4044	2.09807
Fe3.2405	Fe5.12248	2.3198	Ft2.908	Ft4.193	2.09784
Fe3.8580	Fe6.241	2.31972	Ft1.2676	Ft3.643	2.09769
Fe8.2309	Fe8.3745	2.31967	Ft2.2510	Ft6.3262	2.09754
Fe3.2154	Fe8.7927	2.31958	Ft2.867	Ft7.4834	2.09736
Fe2.8529	Fe7.5893	2.31953	Ft5.393	Ft5.1369	2.09732
Fe1.985	Fe7.2420	2.31942	Ft6.2496	Ft7.4636	2.09726
Fe2.728	Fe7.3763	2.31937	Ft2.6408	Ft4.4153	2.09703
Fe5.4171	Fe6.5364	2.31931	Ft4.50	Ft5.30	2.09688
Fe7.3560	Fe8.10029	2.31916	Ft3.1398	Ft7.2802	2.09662
Fe5.9110	Fe6.6135	2.31902	Ft4.3786	Ft7.4912	2.09641
Fe3.13976	Fe7.588	2.31883	Ft3.1907	Ft6.871	2.09636
Fe3.14075	Fe8.9925	2.31881	Ft1.2400	Ft3.2627	2.09631
Fe6.3565	Fe7.9841	2.3188	Ft4.5483	Ft7.5143	2.09618
Fe1.4899	Fe7.1632	2.31866	Ft4.3838	Ft7.4794	2.09601
Fe4.13650	Fe8.7697	2.31817	HiC_scaffold_5_1	iC_scaffold_5_19	2.09563
Fe4.9952	Fe8.2047	2.31817	Ft2.6116	Ft4.4069	2.09526
Fe5.8785	Fe7.1676	2.31797	Ft7.2622	Ft7.2989	2.09517
Fe3.12000	Fe6.10261	2.31795	Ft3.4922	Ft6.1420	2.09509
Fe1.13158	Fe2.9277	2.31793	Ft3.420	Ft4.726	2.09504
Fe1.9303	Fe8.878	2.3179	Ft5.265	Ft5.625	2.09499
Fe6.2429	Fe7.161	2.31788	Ft5.667	Ft7.3748	2.09461
Fe2.8703	Fe4.5424	2.31775	Ft7.2905	Ft8.677	2.0943
Fe2.4274	Fe8.9164	2.3177	Ft5.1847	Ft7.2394	2.0938
Fe6.11462	Hic.scaffold.9.286	2.31724	Ft7.2989	Ft8.1926	2.0933
Fe2.11442	Fe8.11067	2.31722	Ft5.374	Ft5.2856	2.09314
Fe4.4242	Fe8.4104	2.31716	Ft1.1192	Ft3.2631	2.09311
Fe4.719	Fe4.12771	2.31707	Ft4.1654	Ft7.2110	2.09302
Fe2.404	Hic.scaffold.9.950	2.31677	Ft7.2780	Ft8.242	2.09299
Fe3.4592	Fe4.8992	2.31675	Ft2.991	Ft4.232	2.09296
Fe2.8065	Fe2.11091	2.31664	Ft7.3711	Ft8.4504	2.09287
Fe3.3071	Fe3.11864	2.3163	Ft4.3	Ft7.766	2.09262
Fe7.6356	Fe8.4110	2.31618	Ft7.2184	Ft7.2942	2.09253
Fe1.10243	Fe8.5256	2.31611	Ft4.2115	Ft7.4954	2.09223
Fe2.13352	Fe3.13366	2.31536	Ft3.1537	Ft8.5176	2.09218
Fe1.1420	Fe4.4743	2.31523	Ft4.465	Ft8.2980	2.09209
Fe3.1015	Fe4.849	2.31521	Ft2.311	Ft2.5201	2.09188
Fe3.13959	Fe4.3061	2.31515	Ft4.2056	Ft7.1669	2.09166
Fe7.6356	Fe8.10860	2.31512	Ft2.4329	Ft8.1344	2.09149
Fe1.10516	Fe6.98	2.31503	Ft1.2834	Ft7.2942	2.09145
Fe6.1244	Fe6.11417	2.31498	Ft2.824	Ft3.1398	2.09135
Fe6.5477	Fe8.6396	2.31489	Ft2.5936	Ft8.261	2.0913
Fe1.8812	Fe6.7371	2.31443	Ft2.5681	Ft7.4852	2.09124
Fe2.13364	Fe4.729	2.31401	Ft7.2695	Ft8.1661	2.09118
Fe2.13823	Fe5.13649	2.3139	Ft3.2828	Ft4.3023	2.09107
Fe2.8048	Fe3.12356	2.31387	Ft2.6398	Ft4.5290	2.09096
Fe7.6356	Fe8.7417	2.31379	Ft2.2650	Ft2.2874	2.09081
Fe2.10825	Fe4.5967	2.31366	Ft2.6469	Ft3.1085	2.09075
Fe6.7179	Fe6.9116	2.31365	Ft1.377	Ft4.5603	2.09067
Fe7.5564	Fe8.10091	2.31347	Ft2.5899	Ft4.3739	2.09049
Fe3.13943	Fe6.7648	2.31345	Ft3.804	Ft8.4322	2.09045
Fe5.4264	Fe6.4644	2.31341	Ft2.393	Ft3.1583	2.09039
Fe2.13800	Fe8.12014	2.31329	Ft2.6522	Ft4.181	2.09005

Fe3.8922	Fe7.3558	2.31327	Ft3.2412	Ft4.1808	2.08992
Fe1.3019	Fe6.4664	2.31272	Ft4.5655	Ft5.680	2.08978
Fe4.10018	Fe5.8871	2.31259	Ft2.5221	Ft7.1209	2.08958
Fe1.7206	Fe3.1919	2.31254	Ft3.2953	Ft3.4798	2.0895
Fe2.8784	Fe3.8530	2.31241	Ft2.3047	Ft8.195	2.08946
Fe3.7763	Fe5.11538	2.31237	Ft2.3062	Ft2.4575	2.08939
Fe2.2928	Fe3.3004	2.31213	Ft4.793	Ft8.4121	2.08914
Fe4.6048	Fe8.834	2.31205	Ft3.1974	Ft4.2000	2.08909
Fe3.9953	Fe6.5346	2.31201	Ft2.5394	Ft7.2556	2.08887
Fe7.1612	Fe7.1781	2.31184	Ft2.6556	Ft3.2315	2.08873
Fe4.3507	Fe4.11964	2.31154	Ft2.371	Ft4.2016	2.08846
Fe1.1644	Fe4.12982	2.31146	Ft2.2461	Ft7.4903	2.08832
Fe5.2458	Fe6.12004	2.31144	Ft2.6561	Ft7.2398	2.08828
Fe5.3903	Fe5.7578	2.31137	Ft3.2422	Ft4.1833	2.08825
Fe2.7794	Fe7.8254	2.31133	Ft4.292	Ft4.4105	2.08808
Fe3.3071	Fe6.1197	2.31133	Ft6.58	Ft8.3893	2.08799
Fe4.13429	Fe7.4422	2.31108	Ft1.2347	Ft6.388	2.0876
Fe7.3560	Fe7.7710	2.31092	Ft3.1854	Ft8.2523	2.08737
Fe5.12694	Fe7.2663	2.31091	Ft4.706	Ft7.4726	2.08731
Fe4.165	Fe7.1614	2.3109	Ft2.5906	Ft7.2593	2.08729
Fe1.157	Fe3.104	2.31086	Ft2.3044	Ft4.875	2.08711
Fe5.4473	Fe6.6668	2.31052	Ft3.875	Ft8.4863	2.08703
Fe6.3358	Hic.scaffold.9.229	2.31051	Ft3.989	Ft4.4396	2.08672
Fe8.7355	Fe8.10833	2.31039	Ft3.5194	Ft8.3942	2.08666
Fe3.14360	Fe8.11537	2.31033	Ft3.698	Ft6.2941	2.08652
Fe1.1057	Fe8.10188	2.31003	Ft2.400	Ft4.3928	2.0864
Fe2.5285	Fe3.7040	2.30998	Ft1.1602	Ft3.1857	2.08638
Fe2.8801	Fe5.2883	2.30975	Ft7.4257	Ft8.4152	2.08621
Fe1.7932	Fe8.3071	2.30962	Ft3.5201	Ft7.319	2.08583
Fe4.13901	Fe4.14106	2.30957	Ft7.776	Ft8.798	2.08558
Fe2.14276	Fe8.9690	2.30933	Ft2.6433	Ft5.104	2.08554
Fe3.1044	Fe6.10704	2.30933	Ft5.396	Ft7.5166	2.08511
Fe1.9739	Fe3.165	2.30923	Ft7.1111	Ft8.1693	2.08509
Fe3.3990	Fe5.5331	2.30902	Ft2.6220	Ft8.2929	2.08503
Fe1.12607	Fe2.12892	2.30899	Ft2.3978	Ft3.383	2.08491
Fe2.11562	Fe3.13624	2.30889	Ft4.1771	Ft8.4310	2.08476
Fe2.10311	Fe8.12129	2.30868	Ft7.2149	Ft8.2026	2.08399
Fe1.4474	Fe4.11557	2.30867	Ft2.5214	Ft4.753	2.08394
Fe3.14129	Fe7.434	2.30865	Ft2.6435	Ft3.4120	2.08393
Fe4.2002	Fe8.11064	2.30858	Ft2.5936	Ft3.600	2.08374
Fe1.1426	Fe4.4882	2.30857	Ft2.439	Ft2.4327	2.08363
Fe3.5775	Fe7.1226	2.30838	Ft2.5167	Ft4.6046	2.08361
Fe5.13059	Fe6.3630	2.30836	Ft6.964	Ft6.2213	2.08352
Fe6.2431	Fe8.10168	2.30827	Ft2.501	Ft4.3745	2.08349
Fe1.14508	Fe3.14482	2.30825	Ft3.2041	Ft3.2826	2.08341
Fe4.5681	Fe8.5465	2.30813	Ft2.3063	Ft4.4621	2.08339
Fe7.5994	Fe7.12460	2.30791	Ft7.970	Ft8.2549	2.08303
Fe4.9590	Fe6.10312	2.30786	Ft2.5500	Ft3.1810	2.08293
Fe1.8246	Fe6.6339	2.30784	Ft3.2485	Ft6.3314	2.08262
Fe1.13882	Fe4.11102	2.30783	Ft4.1531	Ft4.3711	2.08205
Fe7.368	Fe8.10815	2.30765	Ft7.1623	Ft7.2573	2.08194
Fe2.11424	Fe7.1159	2.30729	Ft2.5910	Ft8.3996	2.08169
Fe6.3101	Fe7.2552	2.30714	Ft4.5408	Ft7.4918	2.08169
Fe4.3096	Fe7.5111	2.30706	Ft3.2404	Ft7.4972	2.08158
Fe3.2585	Fe5.7551	2.307	Ft2.5870	Ft3.1305	2.08156

Fe1.2305	Fe2.5175	2.30694	Ft4.340	Ft4.4142	2.08156
Fe2.8065	Fe8.6984	2.30682	Ft3.1470	Ft4.132	2.08144
Fe3.3705	Fe6.9640	2.30677	Ft2.4315	Ft5.438	2.0814
Fe2.10234	Fe6.3559	2.30643	Ft1.636	Ft1.2562	2.08107
Fe1.12052	Fe4.6127	2.30637	Ft5.465	Ft8.106	2.0809
Fe2.11825	Fe7.1014	2.30628	Ft3.4205	Ft3.4539	2.0805
Fe4.3833	Fe6.9220	2.30626	Ft1.2252	Ft5.2126	2.08034
Fe5.734	Fe6.2269	2.30621	Ft3.1470	Ft3.3429	2.08021
Fe5.6792	Fe5.7724	2.30616	Ft4.5542	Ft7.1038	2.08008
Fe6.9526	Fe8.5307	2.30611	Ft2.396	Ft4.3937	2.08005
Fe1.1625	Fe6.8198	2.30605	Ft2.4627	Ft3.853	2.07995
Fe4.1358	Fe6.2340	2.30603	Ft2.2953	Ft4.6246	2.07985
Fe4.1341	Fe8.8380	2.30587	Ft2.1865	Ft4.2168	2.07979
Fe8.878	Fe8.2819	2.30584	Ft1.2790	Ft4.5914	2.07976
Fe1.9872	Fe3.5714	2.30565	Ft8.1257	Ft8.4089	2.07956
Fe2.11645	Hic.scaffold.9.286	2.3055	Ft4.3532	Ft7.2993	2.07927
Fe2.13826	Fe3.1036	2.30536	Ft3.3014	Ft4.6146	2.07918
Fe4.14173	Fe8.12014	2.30496	Ft2.1818	Ft7.3699	2.07916
Fe4.2770	Fe5.11894	2.30495	Ft2.5847	Ft8.3281	2.0791
Fe2.8505	Fe5.9080	2.30493	Ft2.6611	Ft3.1356	2.07905
Fe5.9454	Fe7.1290	2.30492	Ft4.12	Ft5.1413	2.07888
Fe3.5242	Fe4.7036	2.30485	Ft2.502	Ft7.3717	2.07875
Fe5.9148	Fe8.2018	2.30483	Ft3.1037	Ft3.5543	2.07873
Fe1.3235	Fe4.5382	2.30463	Ft5.337	Ft5.813	2.07871
Fe2.11661	Fe3.847	2.30458	Ft2.2323	Ft8.1585	2.0787
Fe2.11223	Fe2.13780	2.30446	Ft2.2648	Ft8.1405	2.07868
Fe2.2379	Fe3.5930	2.30404	Ft2.961	Ft8.340	2.07866
Fe2.2423	Fe3.5930	2.30404	Ft3.1010	Ft7.4784	2.07821
Fe3.3132	Fe8.7099	2.30391	Ft2.608	Ft8.660	2.07808
Fe2.521	Hic.scaffold.11.393	2.30386	Ft1.2610	Ft7.3251	2.078
Fe2.8884	Fe5.4051	2.30367	Ft2.140	Ft8.1584	2.078
Fe2.13470	Fe6.4477	2.30366	Ft1.117	Ft6.1485	2.07798
Fe2.13829	Fe3.13370	2.30361	Ft3.1238	Ft8.317	2.07797
Fe4.1696	Fe7.1572	2.30341	Ft2.6483	Ft5.2602	2.0779
Fe1.3905	Fe6.5860	2.30336	Ft2.467	Ft3.4794	2.07772
Fe2.2705	Fe8.2705	2.30333	Ft5.617	Ft7.3844	2.07772
Fe3.5228	Fe6.6970	2.30332	Ft3.1117	Ft4.5656	2.07759
Fe2.10275	Fe2.13293	2.30328	Ft5.215	Ft6.564	2.07759
Fe7.4989	Fe8.10417	2.30323	Ft3.1779	Ft8.699	2.07757
Fe1.13866	Fe8.9714	2.30322	Ft4.76	Ft5.1365	2.07744
Fe2.11562	Fe7.3128	2.30308	Ft4.6238	Ft8.1634	2.07732
Fe2.8477	Fe6.10287	2.30308	Ft4.2074	Ft7.1068	2.07722
Fe3.2864	Fe3.6640	2.30303	Ft2.5128	Ft2.6046	2.07696
Fe6.3240	Fe6.12165	2.30298	Ft1.708	Ft7.539	2.07677
Fe2.8622	Fe5.10601	2.30278	Ft7.5049	Ft8.4601	2.07675
Fe7.7422	Fe7.11617	2.30258	Ft2.2914	Ft7.1010	2.07668
Fe7.3516	Fe7.12652	2.30251	Ft7.414	Ft7.5245	2.07654
Fe3.5481	Fe8.6857	2.3025	Ft4.930	Ft5.2865	2.07643
Fe1.14217	Fe4.11918	2.3024	Ft2.2846	Ft3.600	2.07638
Fe3.13154	Fe6.11417	2.3024	Ft4.330	Ft6.299	2.07625
Fe2.8561	Fe7.4318	2.30237	Ft7.3082	Ft7.3520	2.07618
Fe1.2449	Fe4.11138	2.30233	Ft2.59	Ft2.2805	2.07587
Fe2.9820	Fe4.13432	2.3023	Ft5.632	Ft6.2314	2.0755
Fe6.2573	Fe7.8079	2.30225	Ft1.2387	Ft8.307	2.07549
Fe3.6377	Fe8.9411	2.30215	Ft2.6052	Ft8.582	2.07531

Fe7.1604	Hic.scaffold.11.117	2.30208
Fe1.14016	Fe6.4251	2.30191
Fe4.6963	Fe6.9328	2.30181
Fe4.2006	Fe7.6356	2.30179
Fe4.13209	Fe5.7819	2.30171
Fe4.2005	Fe7.6314	2.30171
Fe5.13081	Fe7.1071	2.30169
Fe2.11091	Fe7.11567	2.30168
Fe6.2781	Hic.scaffold.10.295	2.30159
Fe6.3055	Fe7.520	2.30158
Fe4.1907	Fe7.12923	2.30155
Fe2.11709	Fe8.7652	2.30143
Fe7.280	Fe8.11188	2.30131
Fe3.4592	Fe7.5800	2.30125
Fe2.13105	Fe2.14138	2.30121
Fe6.9837	Fe7.6756	2.301
Fe3.8016	Fe7.11034	2.30056
Fe2.13413	Fe4.11242	2.30034
Fe3.4793	Fe8.6488	2.30006
Fe5.2556	Fe6.3001	2.2998
Fe1.9516	Fe1.14089	2.2996
Fe1.10016	Fe8.8625	2.29938
Fe6.2918	Fe7.2725	2.29934
Fe2.7739	Fe8.3872	2.29933
Fe4.7985	Fe5.7937	2.29928
Fe2.10291	Fe8.11604	2.29917
Fe2.3749	Fe3.2519	2.29913
Fe3.5975	Fe3.9679	2.29908
Fe4.5524	Fe8.7289	2.29896
Fe7.5258	Fe8.10813	2.29896
Fe3.154	Fe6.4709	2.29887
Fe6.8037	Fe7.10812	2.29876
Fe1.13849	Fe2.12293	2.2987
Fe4.3067	Fe5.3854	2.2985
Fe2.8486	Fe7.5882	2.29836
Fe3.5714	Fe4.4457	2.29834
Fe2.10541	Fe3.13750	2.29831
Fe1.7273	Fe6.11876	2.29803
Fe2.10947	Fe4.5178	2.29785
Fe2.576	Fe2.13651	2.29771
Fe4.1216	Fe7.83	2.2976
Fe3.13423	Fe7.1614	2.29757
Fe4.14354	Fe7.11930	2.29735
Fe3.2027	Fe4.3568	2.29672
Fe2.587	Fe3.1543	2.2967
Fe5.13721	Fe8.2559	2.2967
Fe7.3071	Fe8.5317	2.29655
Fe1.10732	Fe2.11388	2.29653
Fe1.1006	Fe7.2414	2.2964
Fe6.9239	Fe8.4201	2.29636
Fe2.12791	Fe4.13932	2.29627
Fe2.2735	Fe5.13426	2.29626
Fe3.7226	Fe7.7386	2.29602
Fe3.10320	Fe4.3935	2.29593
Fe2.13829	Fe5.448	2.29587
Ft5.380	Ft8.3148	2.0752
Ft3.4121	Ft8.1529	2.07517
Ft7.4697	Ft8.340	2.07506
Ft2.6199	Ft7.649	2.07492
Ft2.2221	Ft8.3929	2.07485
Ft2.918	Ft7.996	2.07451
Ft2.5976	Ft5.2628	2.07397
Ft2.3695	Ft2.5391	2.07353
Ft1.85	Ft1.2303	2.07351
Ft1.1584	Ft4.758	2.07349
Ft2.6152	Ft2.6478	2.07339
Ft7.1052	Ft7.5134	2.07336
Ft4.5590	Ft8.1678	2.07317
Ft2.6024	Ft7.3087	2.07314
Ft2.5180	Ft4.5156	2.07306
Ft2.420	Ft7.3903	2.07305
Ft2.4816	Ft5.2126	2.07292
Ft1.1609	Ft4.790	2.07285
Ft1.320	Ft4.2148	2.07279
Ft1.2609	Ft7.3256	2.07272
Ft1.107	Ft8.283	2.07208
Ft3.1583	Ft7.1068	2.07184
Ft1.2804	Ft2.6058	2.07176
Ft2.5323	Ft4.466	2.07152
Ft2.3926	Ft3.533	2.07113
Ft2.1529	Ft2.1843	2.07091
Ft1.2667	Ft5.1756	2.07064
Ft2.284	Ft3.2753	2.07042
Ft4.4880	Ft7.1026	2.0704
HiC_scaffold_5_1	iC_scaffold_5_23	2.07023
Ft1.1130	Ft7.3255	2.07
Ft3.4991	Ft4.2819	2.06998
Ft1.1325	Ft5.599	2.06989
Ft2.5445	Ft3.1247	2.0695
Ft3.666	Ft3.3287	2.06949
Ft7.5186	Ft8.2472	2.06945
Ft1.546	Ft3.5601	2.06942
Ft2.6192	Ft7.1026	2.06931
Ft3.864	Ft7.1618	2.06919
Ft3.1288	Ft8.4044	2.06909
Ft3.4867	Ft8.3281	2.06843
Ft5.900	Ft8.1937	2.06816
Ft1.851	Ft6.1334	2.06797
Ft2.1933	Ft7.4603	2.06767
Ft2.6506	Ft8.3658	2.06749
Ft5.215	Ft6.1123	2.06745
Ft2.4896	Ft7.3517	2.06736
Ft2.662	Ft2.6099	2.06735
Ft2.6076	Ft8.2966	2.06717
Ft2.1621	Ft7.3094	2.06677
Ft1.2404	Ft4.5441	2.06581
Ft2.524	Ft4.132	2.06544
Ft6.1052	Ft8.324	2.06535
Ft5.438	Ft6.3468	2.06499
Ft7.1288	Ft8.2992	2.06493

Fe3.9490	Fe5.4756	2.29583	Ft4.1618	Ft8.1467	2.06481
Fe5.14255	Fe8.11713	2.29581	Ft6.891	Ft6.2121	2.06475
Fe8.4427	Fe8.6907	2.29577	Ft2.5664	Ft8.3338	2.06474
Fe6.10250	Fe7.7534	2.29574	Ft2.4644	Ft3.1861	2.06463
Fe6.9801	Fe8.589	2.29572	Ft4.500	Ft8.3007	2.06395
Fe8.9690	Hic.scaffold.10.426	2.29543	Ft7.1596	Ft7.3498	2.06382
Fe3.2027	Fe3.3515	2.29529	Ft3.5427	Ft8.3019	2.06367
Fe2.10558	Fe7.11034	2.29514	Ft4.26	Ft7.3092	2.06367
Fe3.14140	Fe6.1507	2.295	Ft2.2778	Ft7.2149	2.06359
Fe3.967	Fe6.1299	2.29495	Ft4.3144	Ft8.492	2.06355
Fe4.11728	Fe5.6169	2.29494	Ft3.1264	Ft3.1858	2.0634
Fe6.9324	Fe6.10312	2.29494	Ft3.4319	Ft5.2114	2.06325
Fe1.4989	Fe2.3740	2.29487	Ft3.1161	Ft8.4937	2.06321
Fe6.4337	Fe6.10224	2.29482	Ft1.2456	Ft5.2598	2.06319
Fe3.6224	Hic.scaffold.10.509	2.2948	Ft7.1587	Ft8.1816	2.06307
Fe2.14107	Fe4.3412	2.29465	Ft3.2376	Ft4.761	2.06306
Fe3.13844	Fe4.5337	2.2946	Ft2.5986	Ft3.1333	2.06258
Fe2.10613	Fe2.11006	2.29458	Ft2.3884	Ft2.5728	2.0623
Fe3.13971	Fe8.9641	2.29443	Ft4.1917	Ft7.459	2.06209
Fe3.4473	Fe6.5950	2.29443	Ft2.2856	Ft3.1398	2.06189
Fe1.2085	Fe6.7648	2.29423	Ft2.1473	Ft7.32	2.06124
Fe1.4911	Fe4.1612	2.29422	Ft2.6417	Ft7.2803	2.06107
Fe5.8045	Fe7.11689	2.29403	Ft3.533	Ft8.1318	2.06102
Fe1.12864	Fe6.4014	2.29363	Ft4.3992	Ft7.969	2.06098
Fe1.12277	Fe2.8274	2.29351	Ft2.630	Ft4.1642	2.06073
Fe1.9164	Fe5.10625	2.29345	Ft7.253	Ft7.1016	2.06058
Fe4.9937	Fe6.11496	2.29323	Ft2.2523	Ft7.1730	2.06054
Fe3.1379	Fe8.10124	2.29316	Ft2.5918	Ft3.1356	2.06054
Fe1.10890	Fe8.2887	2.29313	Ft4.666	Ft4.6074	2.06054
Fe2.8884	Fe8.7355	2.29288	Ft1.2610	Ft5.2826	2.06024
Fe1.12153	Fe7.9841	2.29287	Ft2.4577	Ft2.5573	2.06021
Fe1.11818	Fe8.10091	2.2928	Ft4.1891	Ft6.37	2.05978
Fe4.5081	Fe4.11364	2.29259	Ft6.1181	Ft7.4906	2.0597
Fe1.8150	Fe8.4018	2.29243	Ft1.209	Ft1.2660	2.05968
Fe4.5885	Fe8.5307	2.29242	Ft3.872	Ft7.2824	2.05966
Fe5.4944	Fe7.6295	2.29233	Ft6.3368	Ft8.1886	2.0596
Fe2.2475	Fe3.3281	2.29231	Ft4.3782	Ft4.5472	2.05949
Fe5.13138	Hic.scaffold.9.380	2.29222	Ft3.2090	Ft8.3963	2.05948
Fe2.3749	Fe8.9691	2.29187	Ft2.2270	Ft6.2232	2.0594
Fe1.10391	Fe4.8207	2.29159	Ft2.2349	Ft3.4970	2.05939
Fe6.11147	Fe8.6886	2.29133	Ft3.4255	Ft5.2075	2.05914
Fe6.4878	Fe6.10342	2.29127	Ft4.173	Ft4.741	2.05855
Fe2.984	Fe4.12750	2.29121	Ft5.73	Ft8.4424	2.05776
Fe1.12283	Fe7.4015	2.2911	Ft1.2385	Ft7.4875	2.05774
Fe3.12000	Fe6.8428	2.29107	Ft2.4627	Ft8.573	2.05759
Fe2.957	Fe8.10184	2.291	Ft2.2294	Ft3.1025	2.0574
Fe5.2236	Fe6.10249	2.29069	Ft1.1768	Ft2.12	2.05729
Fe4.11603	Fe7.8090	2.29067	Ft7.4379	Ft8.3850	2.05723
Fe1.12560	Hic.scaffold.10.365	2.2906	Ft2.3046	Ft2.5918	2.05718
Fe4.3115	Fe4.3588	2.29031	Ft2.2925	Ft3.3534	2.05684
Fe5.13004	Fe5.13960	2.29	Ft1.2791	Ft3.4700	2.05629
Fe2.13648	Fe8.6614	2.28953	Ft6.3314	Ft7.4917	2.05598
Fe1.11969	Fe3.9470	2.28949	Ft1.1071	Ft6.1180	2.05578
Fe1.13271	Fe7.3062	2.2894	Ft8.231	Ft8.1818	2.05547
Fe2.8850	Fe5.10842	2.28931	Ft3.1835	Ft7.4906	2.05505

Fe2.2840	Fe7.13172	2.28913
Fe6.5193	Fe8.3866	2.28908
Fe1.11970	Fe5.10094	2.28904
Fe4.8661	Fe5.5053	2.28901
Fe7.9227	Fe7.11598	2.28888
Fe2.8404	Fe4.12327	2.28863
Fe1.6135	Fe1.11273	2.28861
Fe5.3077	Fe8.9289	2.28854
Fe3.1175	Hic.scaffold.17.48	2.28845
Fe6.172	Fe7.2619	2.28842
Fe7.3869	Fe8.7887	2.28825
Fe3.7728	Fe7.9033	2.28819
Fe1.11234	Fe6.3023	2.28813
Fe2.3731	Fe5.3492	2.28802
Fe3.8922	Fe7.6232	2.28797
Fe5.2779	Fe8.1363	2.28788
Fe2.3113	Fe5.10045	2.28787
Fe2.13111	Fe3.2319	2.28734
Fe3.469	Hic.scaffold.9.421	2.28734
Fe1.5580	Fe6.9851	2.2873
Fe1.13242	Fe2.14274	2.28723
Fe2.1892	Fe7.3558	2.28719
Fe2.3229	Fe4.11941	2.28712
Fe3.139	Fe8.756	2.28707
Fe2.11928	Fe4.14501	2.28705
Fe1.10807	Fe4.12000	2.2869
Fe2.5039	Fe3.8743	2.28676
Fe6.908	Fe7.4261	2.28666
Fe5.5391	Fe6.9328	2.28665
Fe5.12895	Fe5.14410	2.28634
Fe4.6042	Fe7.3724	2.28632
Fe8.8506	Fe8.10151	2.28592
Fe2.11085	Fe6.9943	2.28587
Fe2.2577	Fe3.5763	2.2858
Fe4.3949	Fe8.2030	2.28573
Fe4.14459	Hic.scaffold.11.106	2.28562
Fe1.14445	Hic.scaffold.9.647	2.28559
Fe3.12068	Fe8.5256	2.28545
Fe4.12535	Fe7.3516	2.28514
Fe2.11588	Fe2.13718	2.28497
Fe1.4687	Fe5.4473	2.28492
Fe4.691	Hic.scaffold.9.856	2.28491
Fe6.5048	Fe7.2586	2.28479
Fe1.4840	Fe7.3803	2.28478
Fe6.10233	Fe7.4318	2.28474
Fe5.12340	Fe7.7422	2.28463
Fe6.9942	Hic.scaffold.9.850	2.28462
Fe3.13370	Fe5.9228	2.28443
Fe2.2735	Fe6.5029	2.28431
Fe1.2258	Fe3.12000	2.28418
Fe2.544	Fe7.378	2.2841
Fe5.11705	Fe7.8312	2.28402
Fe3.1227	Fe7.2353	2.28375
Fe2.3113	Fe8.9546	2.28296
Fe3.9856	Fe5.7337	2.28285
Ft4.6076	Ft8.3247	2.055
Ft1.2840	Ft4.5554	2.05499
Ft1.2711	Ft4.2152	2.05493
Ft3.4214	Ft4.3881	2.05479
Ft2.916	Ft7.3392	2.05478
Ft7.1820	Ft8.271	2.05462
Ft3.1474	Ft7.706	2.05457
Ft4.921	Ft4.2175	2.05404
Ft4.2697	Ft7.351	2.05377
Ft4.2056	Ft6.1480	2.05337
Ft1.792	Ft5.687	2.05327
Ft5.744	Ft5.2126	2.05318
Ft1.406	Ft6.988	2.05212
Ft3.4758	Ft5.707	2.05182
Ft2.5690	Ft8.3353	2.05179
Ft2.3037	Ft8.3533	2.0517
Ft1.2873	Ft8.2134	2.05142
Ft2.6193	Ft7.629	2.05128
Ft4.3535	Ft7.476	2.05113
Ft2.643	Ft2.2138	2.05092
Ft4.53	Ft8.1347	2.05085
Ft1.2711	Ft3.1464	2.05055
Ft2.922	Ft4.2828	2.05038
Ft2.5277	Ft8.1677	2.05013
Ft4.5966	Ft7.4159	2.05
Ft2.3780	Ft2.4282	2.04994
Ft3.4379	Ft4.2676	2.04935
Ft1.2404	Ft7.4809	2.04927
Ft3.3219	Ft7.2652	2.04912
Ft5.298	Ft7.3226	2.04887
Ft2.5786	Ft3.1338	2.0485
Ft3.1826	Ft3.2361	2.04843
Ft6.79	Ft8.2842	2.04823
Ft2.1833	Ft2.3444	2.0479
Ft2.5699	Ft8.5161	2.04748
Ft4.334	Ft6.301	2.04747
Ft1.2351	Ft6.1478	2.04742
Ft4.3881	Ft8.195	2.04712
Ft2.5137	Ft5.859	2.04692
Ft7.957	Ft8.4532	2.0467
Ft7.1052	Ft7.3094	2.04663
Ft6.3391	Ft7.2474	2.04632
Ft1.1705	Ft7.5223	2.04625
Ft1.2954	Ft3.468	2.0462
Ft4.669	Ft7.4781	2.04619
Ft2.3838	Ft6.2966	2.04584
Ft4.1360	Ft8.3905	2.04571
Ft1.682	Ft1.1202	2.04547
Ft2.4797	Ft3.2559	2.04536
Ft1.2749	Ft4.2075	2.04531
Ft1.247	Ft6.3356	2.04482
Ft1.377	Ft7.1010	2.04482
Ft2.3478	Ft5.1070	2.04453
Ft3.1058	Ft8.1294	2.04424
Ft5.667	Ft6.2357	2.04416

Fe3.4153	Fe5.13081	2.28276	Ft2.1896	Ft7.2649	2.04392
Fe4.14120	Fe6.525	2.2826	Ft2.649	Ft7.3262	2.04386
Fe1.11244	Fe5.13716	2.28205	Ft3.314	Ft7.4901	2.04371
Fe3.4793	Fe8.3180	2.28184	Ft1.2834	Ft8.4330	2.04365
Fe1.13250	Fe2.465	2.28172	Ft6.1063	Ft8.5024	2.04336
Fe4.5343	Fe6.3528	2.28132	Ft7.635	Ft7.5146	2.04312
Fe1.6842	Fe5.6857	2.2813	Ft2.3466	Ft5.2966	2.04296
Fe2.11381	Fe3.56	2.28119	Ft8.1320	Ft8.3274	2.04291
Fe3.9466	Fe4.11056	2.2809	Ft7.2724	Ft7.3046	2.04289
Fe3.7077	Fe5.7433	2.28088	Ft2.2520	Ft8.1963	2.04286
Fe4.13853	Fe7.1473	2.28048	Ft5.986	Ft6.2537	2.04285
Fe3.2840	Fe8.5461	2.28038	Ft2.2391	Ft3.756	2.04275
Fe2.1643	Fe3.2092	2.28027	Ft4.5773	Ft7.4720	2.04271
Fe4.9353	Fe5.7724	2.28022	Ft1.356	Ft4.2075	2.04242
Fe4.4058	Fe5.3188	2.28019	Ft2.4264	Ft2.6583	2.04233
Fe3.11944	Fe5.7762	2.28003	Ft3.2029	Ft8.1284	2.04194
Fe6.6205	Fe7.3170	2.27998	Ft4.5603	Ft7.3732	2.04148
Fe1.9658	Fe6.1988	2.27995	Ft3.3268	Ft8.1288	2.0413
Fe5.1161	Fe5.3257	2.27985	Ft1.1085	Ft2.4891	2.04129
Fe1.14510	Hic.scaffold.9.380	2.27982	Ft7.3454	Ft8.3878	2.04119
Fe1.3936	Fe6.5746	2.27979	Ft5.2292	Ft8.4973	2.04114
Fe5.2888	Fe6.7840	2.2797	Ft2.2856	Ft3.2953	2.04103
Fe3.7835	Fe3.9201	2.2796	Ft4.2633	Ft7.2149	2.04088
Fe1.10344	Fe2.10896	2.27932	Ft3.3326	Ft4.786	2.04051
Fe5.7779	Fe6.7279	2.2793	Ft3.2688	Ft6.980	2.04049
Fe5.3188	Fe8.2530	2.27919	Ft2.6450	Ft4.5349	2.04028
Fe2.2807	Fe3.3116	2.27908	Ft4.3114	Ft8.726	2.04005
Fe2.8187	Fe8.10787	2.27895	Ft4.5713	Ft5.898	2.03985
Fe1.6570	Fe6.9494	2.27885	Ft4.3741	Ft7.4832	2.03954
Fe4.9804	Fe7.12662	2.27875	Ft2.1927	Ft7.1564	2.03941
Fe7.4360	Fe8.8268	2.27872	Ft2.1922	Ft7.2718	2.03937
Fe2.1128	Fe7.8447	2.2787	Ft2.2681	Ft8.1736	2.03936
Fe5.13758	Fe8.2863	2.2787	Ft4.513	Ft6.353	2.03934
Fe4.4232	Fe7.6018	2.27849	Ft2.461	Ft4.3341	2.03912
Fe2.3229	Fe4.546	2.27838	Ft2.896	Ft4.4074	2.03904
Fe6.10261	Fe7.1676	2.27823	Ft2.2561	Ft7.4952	2.03895
Fe2.11081	Fe7.3716	2.27798	Ft8.3650	Ft8.4152	2.03892
Fe1.12784	Fe4.13626	2.27767	Ft1.2346	Ft2.6393	2.03879
Fe3.4272	Fe5.6213	2.27744	Ft1.2459	Ft4.2597	2.03864
Fe2.11937	Fe7.1817	2.27741	Ft2.1769	Ft8.3899	2.03859
Fe3.4041	Fe4.3943	2.27719	Ft3.2035	Ft6.2198	2.03835
Fe1.12916	Fe2.11683	2.27714	Ft4.1965	Ft4.4911	2.03828
Fe2.8082	Fe6.6162	2.27708	Ft4.5476	Ft8.3996	2.03821
Fe3.8922	Fe6.10653	2.27702	Ft3.422	Ft4.2352	2.03811
Fe1.9872	Fe5.6676	2.27652	Ft7.2149	Ft8.1571	2.03791
Fe4.3931	Fe7.4426	2.27649	Ft3.2041	Ft8.1309	2.03766
Fe1.5349	Fe7.7007	2.27642	Ft4.745	Ft6.1000	2.03751
Fe2.4948	Fe4.7347	2.27629	Ft2.6076	Ft6.1734	2.03746
Fe4.14527	Hic.scaffold.13.161	2.27611	Ft2.3156	Ft3.3928	2.03735
Fe5.12375	Fe8.11408	2.27578	Ft2.2517	Ft7.1608	2.03697
Fe1.5766	Fe6.10224	2.2754	Ft3.1787	Ft4.2818	2.03697
Fe1.10636	Fe2.3702	2.27536	Ft2.2904	Ft6.2826	2.03689
Fe2.10276	Fe5.13422	2.27535	Ft3.2526	Ft6.2402	2.03685
Fe3.3293	Fe6.4751	2.27521	Ft6.2199	Ft8.4166	2.0367
Fe2.2639	Fe8.4076	2.27518	Ft4.6237	Ft8.1635	2.03663

Fe5.9171	Fe8.7027	2.27463	Ft2.6120	Ft7.1771	2.03654
Fe5.9051	Fe5.13104	2.27459	Ft2.6611	Ft4.6005	2.03644
Fe3.1831	Fe8.3065	2.27458	Ft4.5584	Ft5.2885	2.03633
Fe5.13676	Hic.scaffold.9.497	2.27446	Ft7.2042	Ft7.4023	2.03608
Fe3.62	Fe3.1677	2.27443	Ft7.3383	Ft8.340	2.03588
Fe4.11728	Fe6.9640	2.27435	Ft2.5179	Ft4.5483	2.03584
Fe3.1823	Fe8.10160	2.27411	Ft2.1054	Ft2.3347	2.03536
Fe2.2735	Fe7.6390	2.2741	Ft2.461	Ft8.1486	2.03532
Fe2.13277	Fe8.12101	2.27361	Ft1.1905	Ft2.566	2.03529
Fe6.11750	Fe7.6232	2.27351	Ft3.4327	Ft4.1808	2.03528
Fe4.1837	Fe7.5772	2.27314	Ft7.1669	Ft7.3115	2.03528
Fe5.3846	Fe5.12791	2.27309	Ft2.742	Ft8.2426	2.03525
Fe1.14426	Fe5.12933	2.27297	Ft7.1901	Ft8.261	2.03521
Fe4.863	Hic.scaffold.10.463	2.27296	Ft7.3532	Ft8.3602	2.03512
Fe2.11091	Fe6.3460	2.27287	Ft1.2759	Ft7.3010	2.03507
Fe4.2038	Fe4.2972	2.27283	Ft4.5892	Ft7.2788	2.03455
Fe3.3146	Fe5.9118	2.27266	Ft3.666	Ft7.3454	2.03423
Fe1.7254	Fe3.12068	2.2726	Ft5.455	Ft6.2267	2.03414
Fe3.12078	Fe4.3961	2.27233	Ft3.1564	Ft8.340	2.03408
Fe1.12063	Fe7.12784	2.27218	Ft7.1428	Ft8.133	2.03402
Fe7.3161	Fe8.1414	2.272	Ft6.996	Ft8.505	2.03399
Fe6.10139	Fe7.4393	2.27192	Ft4.5944	Ft8.4071	2.0339
Fe5.12742	Fe6.9655	2.27186	Ft2.869	Ft8.304	2.03386
Fe4.887	Hic.scaffold.10.463	2.27172	Ft1.1948	Ft8.2619	2.03385
Fe1.11390	Fe7.1839	2.27171	Ft3.533	Ft3.1317	2.03367
Fe7.144	Fe8.10878	2.27162	Ft3.4042	Ft8.2855	2.03332
Fe3.723	Fe8.11263	2.27157	Ft4.2726	Ft4.3334	2.03326
Fe1.10752	Fe2.12051	2.27153	Ft2.109	Ft4.4077	2.03309
Fe2.11331	Fe2.12123	2.27153	Ft3.4831	Ft8.1715	2.033
Fe1.1482	Fe4.12786	2.27146	Ft3.1968	Ft7.1624	2.03299
Fe8.9724	Hic.scaffold.10.365	2.27139	Ft3.1620	Ft8.358	2.03271
Fe2.12328	Fe7.1209	2.27131	Ft3.1252	Ft8.152	2.03267
Fe7.3552	Fe7.7223	2.27122	Ft7.2780	Ft7.4001	2.03249
Fe3.4805	Fe3.13786	2.27109	Ft4.5411	Ft7.4775	2.03237
Fe5.3594	Fe6.9265	2.27085	Ft4.2295	Ft6.2601	2.03227
Fe7.7424	Fe8.5081	2.27084	Ft2.5936	Ft3.1465	2.03209
Fe2.13130	Fe2.13553	2.27061	Ft4.4944	Ft8.3381	2.03207
Fe6.6059	Fe7.3437	2.27061	Ft3.1398	Ft8.3306	2.03198
Fe4.3096	Hic.scaffold.11.395	2.27056	Ft4.3335	Ft6.1830	2.03156
Fe2.11845	Fe4.3923	2.27052	Ft1.2711	Ft4.996	2.03147
Fe3.1756	Fe6.3485	2.2703	Ft1.783	Ft5.2753	2.03139
Fe4.4041	Fe6.11029	2.27007	Ft4.829	Ft7.3993	2.03137
Fe5.3854	Fe6.5390	2.26996	Ft2.2810	Ft4.5949	2.03118
Fe2.2510	Fe3.8600	2.26981	Ft4.129	Ft8.1520	2.03118
Fe2.1346	Fe2.11825	2.26948	Ft2.3926	Ft2.5765	2.03082
Fe2.11672	Fe6.11165	2.26921	Ft4.745	Ft7.4916	2.03069
Fe5.9802	Fe7.8655	2.26918	Ft3.3883	Ft7.2094	2.03058
Fe1.12259	Fe2.8362	2.26913	Ft6.1504	Ft7.5166	2.03046
Fe4.2913	Fe8.10728	2.26905	Ft7.2105	Ft7.3326	2.03045
Fe2.3724	Fe6.3064	2.26904	Ft2.164	Ft7.5259	2.02984
Fe4.1529	Fe8.8221	2.26893	Ft3.2196	Ft4.4091	2.02978
Fe5.10735	Fe6.6059	2.26886	Ft3.3710	Ft8.3191	2.02968
Fe1.501	Fe4.3599	2.26878	Ft7.858	Ft8.3319	2.02953
Fe1.4975	Fe2.3731	2.26866	Ft7.1056	Ft7.4888	2.0295
Fe5.10530	Fe6.2979	2.2686	Ft4.1050	Ft8.5224	2.02944

Fe4.519	Fe5.1116	2.26855	Ft3.3190	Ft8.2320	2.02919
Fe1.14646	Fe2.4080	2.26854	Ft2.4045	Ft7.649	2.02916
Fe6.6040	Fe8.8089	2.26849	Ft2.4567	Ft2.6537	2.0291
Fe2.14168	Fe3.14196	2.26847	Ft6.671	Ft7.2935	2.02899
Fe1.2307	Fe3.6377	2.26836	Ft2.5210	Ft4.5042	2.02869
Fe4.1915	Fe7.2843	2.26774	Ft3.2035	Ft4.1423	2.02858
Fe6.1869	Fe6.7711	2.26768	Ft2.3046	Ft8.5007	2.0281
Fe4.964	Fe7.1052	2.2675	Ft2.539	Ft7.2388	2.02772
Fe7.1212	Fe8.5269	2.26743	Ft3.3149	Ft6.2533	2.02763
Fe1.4387	Fe8.4046	2.26702	Ft1.2176	Ft4.1908	2.0276
Fe6.10720	Fe7.6933	2.2661	Ft3.1503	Ft8.3952	2.02752
Fe2.299	Fe5.13129	2.26595	Ft4.729	Ft5.436	2.02736
Fe5.10850	Fe6.12124	2.26561	Ft4.753	Ft6.974	2.02716
Fe2.2449	Fe2.10408	2.26541	Ft2.5543	Ft7.2749	2.02707
Fe1.12144	Fe4.3762	2.26539	Ft4.645	Ft5.912	2.02706
Fe1.7314	Fe5.3730	2.26539	Ft2.6059	Ft4.5550	2.02672
Fe2.11360	Fe6.3114	2.26539	Ft2.4408	Ft2.4659	2.0267
Fe4.2989	Fe5.14526	2.26536	Ft7.2342	Ft8.136	2.02652
Fe5.448	Fe8.7927	2.26528	Ft4.5550	Ft7.1010	2.02636
Fe6.7818	Fe8.10763	2.26526	Ft1.293	Ft6.3239	2.02613
Fe3.747	Fe8.9997	2.26522	Ft2.6143	Ft3.2882	2.02612
Fe6.10795	Fe7.12904	2.26487	Ft2.459	Ft3.3691	2.02611
Fe4.10380	Fe6.12049	2.26479	Ft3.4045	Ft8.1623	2.02577
Fe2.1154	Fe5.6178	2.26428	Ft3.385	Ft4.1889	2.0257
Fe1.5728	Fe8.775	2.26425	Ft5.1046	Ft5.2090	2.02556
Fe3.11944	Fe8.10859	2.26418	Ft3.3847	Ft8.2954	2.02548
Fe3.374	Fe7.4433	2.26377	Ft2.5740	Ft2.6099	2.02542
Fe5.8785	Fe7.5768	2.26358	Ft4.3927	Ft7.2530	2.02518
Fe4.6442	Fe5.9721	2.26328	Ft5.2210	Ft6.2182	2.02518
Fe2.861	Fe5.14221	2.26324	Ft3.2450	Ft8.2888	2.02503
Fe5.2115	Fe7.1052	2.26316	Ft2.6059	Ft8.3679	2.02501
Fe1.3625	Fe8.6488	2.26308	Ft7.419	Ft7.3115	2.02489
Fe2.13299	Fe3.13440	2.26299	Ft7.3057	Ft8.3416	2.02452
Fe1.5395	Fe6.5307	2.26296	Ft2.5167	Ft7.602	2.02449
Fe4.11457	Fe6.4213	2.26263	Ft2.275	Ft4.6243	2.02441
Fe6.6135	Fe7.3277	2.26258	Ft2.5253	Ft4.1376	2.02432
Fe6.2811	Hic.scaffold.10.437	2.26252	Ft3.4424	Ft8.1558	2.02423
Fe4.3961	Fe6.3570	2.2621	Ft2.6445	Ft7.4972	2.02419
Fe1.3226	Fe2.10712	2.26174	Ft2.2590	Ft4.659	2.02399
Fe1.2342	Fe2.10726	2.26173	Ft1.2759	Ft6.169	2.02393
Fe4.3026	Fe7.5513	2.2615	Ft1.2399	Ft3.2625	2.02391
Fe1.10449	Fe3.4601	2.26146	Ft3.1861	Ft8.225	2.02358
Fe1.2674	Fe4.11203	2.26141	Ft7.3046	Ft7.3211	2.02352
Fe5.12200	Hic.scaffold.11.73	2.26127	Ft1.247	Ft1.2352	2.02336
Fe3.13384	Fe5.8872	2.2612	Ft2.2528	Ft4.1925	2.02335
Fe4.5975	Fe8.514	2.26118	Ft2.904	Ft3.365	2.02299
Fe1.9426	Fe3.3187	2.26113	Ft4.757	Ft8.4143	2.02279
Fe4.2239	Fe7.2998	2.26099	Ft1.1693	Ft5.2000	2.02272
Fe4.3015	Fe4.4972	2.26051	Ft2.6069	Ft7.3115	2.02272
Fe2.5010	Fe3.9168	2.26045	Ft2.4015	Ft6.91	2.0225
Fe1.8768	Fe4.6270	2.26023	Ft5.2176	Ft7.3676	2.02248
Fe4.9484	Fe8.4611	2.26011	Ft3.1812	Ft7.2873	2.02226
Fe2.6013	Fe6.9798	2.25966	Ft2.415	Ft2.1706	2.022
Fe5.1215	Fe7.7550	2.25942	Ft2.6408	Ft3.1907	2.02197
Fe2.12202	Fe7.2692	2.25937	Ft3.1880	Ft4.5952	2.02194

Fe2.3019	Fe7.5914	2.25935	Ft3.672	Ft7.4844	2.02186
Fe3.7062	Fe7.12250	2.25929	Ft2.6024	Ft4.959	2.02167
Fe1.12270	Fe2.8359	2.25917	Ft2.2637	Ft2.4297	2.02136
Fe2.13082	Fe7.887	2.25915	Ft8.2442	Ft8.3777	2.02107
Fe5.12287	Fe6.5390	2.25915	Ft2.5155	Ft3.1772	2.02052
Fe2.13358	Fe4.718	2.25909	Ft4.3178	Ft7.1577	2.02051
Fe3.6640	Fe4.3167	2.25895	Ft5.1100	Ft6.2814	2.02019
Fe2.8277	Fe7.12836	2.25888	Ft5.30	Ft5.373	2.02016
Fe4.3914	Fe8.9724	2.25884	Ft1.588	Ft6.1183	2.02012
Fe2.8884	Fe4.12058	2.25873	Ft2.5990	Ft8.4564	2.0201
Fe5.11135	Fe8.8351	2.25861	Ft1.1698	Ft4.1225	2.01984
Fe3.10365	Fe7.3001	2.25856	Ft2.2501	Ft4.829	2.01984
Fe1.8968	Fe6.5390	2.25845	Ft1.2670	Ft5.703	2.01983
Fe1.3446	Fe2.135	2.25825	Ft3.1380	Ft3.5128	2.01982
Fe1.14528	Fe7.365	2.25822	Ft3.5521	Ft8.3394	2.01982
Fe6.9985	Fe6.10778	2.25802	Ft6.1520	Ft7.1929	2.01961
Fe3.5929	Fe4.4713	2.25766	Ft3.2853	Ft6.1051	2.01947
Fe1.10449	Fe3.3374	2.25756	Ft4.1085	Ft6.958	2.01945
Fe3.6030	Fe7.3510	2.25746	Ft3.1356	Ft4.2239	2.01941
Fe2.11028	Fe2.13501	2.25741	Ft5.353	Ft7.5211	2.01868
Fe2.3229	Hic.scaffold.10.253	2.2574	Ft1.2727	Ft6.1885	2.01858
Fe3.7957	Fe4.14201	2.25725	Ft2.5063	Ft8.1587	2.01807
Fe2.11251	Fe2.13762	2.25703	Ft2.2323	Ft4.1731	2.01803
Fe4.12494	Fe8.5275	2.25701	Ft3.2347	Ft7.5137	2.01799
Fe1.5981	Fe8.1049	2.25689	Ft4.4280	Ft5.477	2.01793
Fe2.13226	Fe3.12951	2.25687	Ft2.4506	Ft6.735	2.01773
Fe5.6418	Fe6.12235	2.25684	Ft2.6118	Ft4.5594	2.01772
Fe2.741	Fe8.9633	2.2563	Ft2.3654	Ft6.3391	2.01752
Fe5.1207	Fe6.1403	2.256	Ft7.262	Ft8.3985	2.01751
Fe1.2485	Fe7.12147	2.25587	Ft4.221	Ft6.2395	2.01747
Fe8.1308	Fe8.4725	2.25573	Ft3.1862	Ft8.4111	2.01654
Fe3.3063	Fe5.8912	2.25568	Ft2.311	Ft4.6234	2.01637
Fe3.14467	Fe7.12807	2.25553	Ft7.4781	Ft8.4166	2.01633
Fe2.13082	Fe2.14139	2.25541	Ft3.5418	Ft7.991	2.01602
Fe6.6668	Fe6.7216	2.25538	Ft2.5824	Ft4.892	2.01596
Fe1.8902	Fe6.6668	2.25536	Ft2.384	Ft4.1919	2.01574
Fe2.13169	Fe8.10889	2.25518	Ft3.658	Ft8.2856	2.01568
Fe1.14473	Fe5.10765	2.25516	Ft2.5498	Ft8.4052	2.01567
Fe1.9662	Fe7.94	2.25505	Ft2.3654	Ft2.5445	2.01545
Fe1.9262	Fe6.6275	2.25487	Ft6.1019	Ft6.3301	2.01536
Fe2.8529	Fe4.8400	2.25487	Ft3.141	Ft4.735	2.01495
Fe4.5935	Fe7.11141	2.25475	Ft6.1044	Ft7.4562	2.01464
Fe1.2476	Fe5.12293	2.2547	Ft4.5644	Ft8.4378	2.01463
Fe2.13120	Fe3.13694	2.25468	Ft6.1008	Ft8.4946	2.01455
Fe6.9324	Fe8.3180	2.25468	Ft3.1941	Ft8.2446	2.01448
Fe2.2768	Fe7.6159	2.25463	Ft4.4330	Ft7.518	2.01447
Fe3.9455	Fe7.11620	2.25458	Ft1.2749	Ft6.952	2.01436
Fe5.14231	Fe8.11399	2.25448	Ft7.3027	Ft8.3296	2.01389
Fe4.14556	Fe8.9977	2.25447	Ft2.4315	Ft2.6526	2.01376
Fe6.6668	Fe7.3724	2.25434	Ft2.2953	Ft7.1026	2.0137
Fe2.8440	Fe6.5034	2.2543	Ft2.4143	Ft6.1401	2.01356
Fe8.11072	Fe8.11325	2.25365	Ft1.2786	Ft4.1109	2.01346
Fe2.533	Fe5.3523	2.25361	Ft7.3094	Ft7.3399	2.01317
Fe5.7545	Hic.scaffold.9.336	2.25358	Ft7.2375	Ft7.5181	2.01282
Fe7.8320	Fe7.11828	2.25342	Ft2.932	Ft7.1412	2.01201

Fe2.2450	Fe5.7191	2.25331	Ft2.6423	Ft7.3498	2.01193
Fe4.14130	Fe6.520	2.25322	Ft7.3027	Ft7.3478	2.01188
Fe3.6143	Fe7.5554	2.25307	Ft5.1078	Ft6.414	2.01183
Fe1.10158	Fe4.5446	2.25305	Ft2.5681	Ft7.2996	2.01169
Fe4.5702	Fe7.3780	2.25265	Ft3.4460	Ft7.1745	2.0115
Fe3.117	Fe4.14590	2.25244	Ft5.1569	Ft7.2824	2.01138
Fe5.3553	Fe7.7067	2.25244	Ft2.3193	Ft8.4137	2.01124
Fe1.13418	Fe4.13971	2.25243	Ft2.3949	Ft5.334	2.01111
Fe5.876	Fe6.2170	2.25224	Ft3.667	Ft7.280	2.01107
Fe1.8571	Fe8.2530	2.25198	Ft2.922	Ft2.5652	2.01102
Fe5.3125	Fe6.5829	2.25162	Ft3.172	Ft5.1016	2.01101
Fe2.11727	Fe7.1052	2.25152	HiC_scaffold_5_[iC_scaffold_5_20		2.01095
Fe1.10922	Fe6.8454	2.25131	Ft2.6044	Ft5.1624	2.01094
Fe2.11727	Fe4.14491	2.25128	Ft4.413	Ft8.3612	2.01075
Fe1.14614	Fe8.10494	2.25109	Ft5.2299	Ft7.5119	2.01068
Fe1.14510	Fe3.14072	2.25105	Ft4.5603	Ft7.1010	2.01048
Fe5.10001	Fe5.10646	2.25093	Ft1.1485	Ft7.4557	2.00969
Fe3.417	Fe3.3736	2.25092	Ft2.6166	Ft3.833	2.00964
Fe4.3331	Fe6.9481	2.25058	Ft3.1826	Ft4.1833	2.00949
Fe3.9363	Fe7.3724	2.25029	Ft2.439	Ft3.4990	2.00945
Fe2.10352	Fe8.12133	2.25022	Ft2.6581	Ft3.661	2.00923
Fe3.7099	Fe6.9985	2.25008	Ft1.1690	Ft4.4144	2.00913
Fe3.7079	Fe6.11438	2.24979	Ft2.3680	Ft8.4619	2.00907
Fe3.12261	Fe8.9724	2.24976	Ft2.20	Ft3.4980	2.00871
Fe3.3960	Fe3.4679	2.2497	Ft2.3092	Ft8.4237	2.0087
Fe6.10560	Fe7.9640	2.24961	Ft3.2056	Ft8.4843	2.00865
Fe2.8611	Fe3.929	2.2495	Ft2.6627	Ft8.4562	2.00859
Fe4.11728	Fe7.3633	2.24921	Ft2.5428	Ft6.864	2.00832
Fe3.13985	Fe7.3224	2.24913	Ft2.4315	Ft7.1652	2.0083
Fe3.6948	Fe7.3688	2.24905	Ft1.2834	Ft5.1054	2.00819
Fe1.8902	Fe3.12149	2.249	Ft2.2114	Ft8.885	2.00808
Fe4.5232	Fe6.11190	2.249	Ft3.1013	Ft3.1333	2.00803
Fe1.9278	Fe2.8316	2.24892	Ft3.1840	Ft4.1108	2.00798
Fe1.13424	Fe4.9812	2.24887	Ft3.723	Ft7.4976	2.00794
Fe1.14470	Fe2.14277	2.24873	Ft2.2681	Ft8.602	2.00758
Fe1.13240	Fe2.9110	2.24854	Ft7.4794	Ft8.3797	2.00753
Fe4.12512	Hic.scaffold.10.524	2.24854	Ft2.2681	Ft2.6427	2.00737
Fe8.666	Fe8.3886	2.24846	Ft2.1071	Ft6.1064	2.00733
Fe3.12149	Fe4.12315	2.24813	Ft1.1573	Ft5.888	2.00717
Fe4.6000	Fe5.1163	2.24804	Ft2.2974	Ft7.2105	2.00709
Fe2.5185	Fe6.3485	2.248	Ft3.234	Ft8.4456	2.00708
Fe3.12000	Fe7.7710	2.24798	Ft7.2986	Ft8.1664	2.00706
Fe8.2462	Fe8.4076	2.24782	Ft3.1011	Ft4.5408	2.00703
Fe3.13389	Fe3.14022	2.24774	Ft3.1247	Ft6.671	2.00694
Fe3.4592	Fe5.14382	2.24734	Ft3.826	Ft7.4952	2.00672
Fe1.9402	Fe3.236	2.24716	Ft3.2041	Ft4.5416	2.00668
Fe4.14541	Fe8.10158	2.24694	Ft7.1250	Ft7.1623	2.00644
Fe1.6575	Fe2.396	2.24677	Ft5.455	Ft5.1383	2.00627
Fe4.5133	Fe8.4611	2.24666	Ft2.3870	Ft2.5725	2.0062
Fe2.2450	Fe8.10091	2.24624	Ft4.2961	Ft8.161	2.00589
Fe4.5952	Fe8.3634	2.246	Ft7.2351	Ft8.546	2.00586
Fe5.12142	Fe7.1686	2.24597	Ft5.667	Ft5.1751	2.00566
Fe1.6522	Fe3.8400	2.2459	Ft2.5765	Ft8.5253	2.00562
Fe4.11728	Fe8.5256	2.2457	Ft2.2421	Ft5.735	2.00542
Fe8.7472	Hic.scaffold.9.745	2.24569	Ft4.1917	Ft7.1648	2.00523

Fe3.10519	Fe4.5893	2.24558
Fe3.7276	Fe5.11712	2.2453
Fe2.2560	Fe4.5702	2.24519
Fe4.9906	Fe7.4837	2.24519
Fe1.6520	Fe2.3763	2.24502
Fe2.11915	Fe7.252	2.24497
Fe3.8655	Fe5.10602	2.24494
Fe2.1463	Fe3.5749	2.24485
Fe2.7687	Fe3.5253	2.24485
Fe4.10101	Fe6.11417	2.24456
Fe1.6570	Fe8.4593	2.24438
Fe1.2597	Fe6.6691	2.24419
Fe1.14510	Fe2.11893	2.24402
Fe3.7276	Fe7.3724	2.24377
Fe5.12497	Fe6.11009	2.24372
Fe1.11807	Fe7.5455	2.24356
Fe3.13712	Hic.scaffold.12.203	2.24347
Fe1.5078	Fe4.12303	2.24333
Fe1.1753	Fe6.3759	2.24332
Fe1.3907	Fe2.786	2.24328
Fe4.8339	Fe6.8136	2.24301
Fe7.2551	Fe7.3469	2.24284
Fe6.11449	Hic.scaffold.9.232	2.24266
Fe1.2500	Fe4.8154	2.24246
Fe5.10850	Fe6.11369	2.24234
Fe6.4355	Fe7.1106	2.24196
Fe1.12052	Fe5.2946	2.24187
Fe4.8978	Fe8.3680	2.24184
Fe3.13389	Fe4.5681	2.24173
Fe1.14458	Fe4.13736	2.24172
Fe6.3114	Fe7.559	2.24148
Fe4.3884	Fe5.3527	2.24144
Fe2.8362	Fe5.13426	2.24136
Fe5.11663	Fe7.11040	2.24135
Fe2.927	Fe4.1696	2.24126
Fe2.9387	Fe4.13068	2.24115
Fe1.6549	Fe6.10560	2.24108
Fe6.1190	Fe6.11303	2.24105
Fe2.11648	Fe6.3677	2.24104
Fe1.7128	Fe3.7276	2.24098
Fe4.4136	Fe6.8166	2.24094
Fe6.9086	Fe7.3633	2.24092
Fe1.2541	Fe5.8373	2.24057
Fe4.2979	Fe8.10226	2.24055
Fe2.2764	Fe6.10321	2.24054
Fe4.2908	Fe5.13557	2.24045
Fe3.5253	Fe8.9138	2.24038
Fe2.8546	Fe7.3716	2.24028
Fe1.13989	Fe2.13384	2.24003
Fe3.12408	Fe8.7171	2.24003
Fe1.2065	Fe8.10054	2.24
Fe4.11557	Fe6.9419	2.23995
Fe2.619	Fe2.7868	2.23987
Fe2.658	Fe6.9431	2.23967
Fe6.9302	Fe8.1537	2.23956
Ft6.3354	Ft7.4795	2.0052
Ft2.2992	Ft7.1056	2.00503
Ft4.774	Ft7.2397	2.00491
Ft2.2419	Ft7.3954	2.0049
Ft5.2573	Ft7.4921	2.00484
Ft2.180	Ft4.885	2.00459
Ft3.433	Ft8.2799	2.00453
Ft2.1054	Ft2.2270	2.00435
Ft2.2978	Ft5.82	2.00435
Ft3.892	Ft3.1241	2.00432
Ft7.1052	Ft8.573	2.0039
Ft4.2818	Ft7.3022	2.00389
Ft2.712	Ft2.2886	2.00379
Ft1.2355	Ft3.1804	2.00354
Ft4.5403	Ft6.1624	2.00354
Ft2.2323	Ft8.3996	2.00338
Ft4.667	Ft8.3007	2.00337
Ft8.1821	Ft8.4561	2.00331
Ft7.331	Ft7.776	2.00316
Ft7.3362	Ft7.4842	2.00313
Ft5.2053	Ft7.3811	2.0027
Ft2.4910	Ft7.3266	2.00264
Ft4.3704	Ft8.715	2.00264
Ft3.2090	Ft4.5506	2.00236
Ft2.2970	Ft3.3499	2.00231
Ft3.2507	Ft8.2847	2.00231
Ft2.1039	Ft7.1648	2.00172
Ft3.5222	Ft8.3918	2.00171
Ft2.4567	Ft5.1632	2.00164
Ft4.954	Ft4.2097	2.0016
Ft3.1404	Ft4.3962	2.00118
Ft6.1552	Ft7.4952	2.00108
Ft3.1185	Ft6.3266	2.00106
Ft1.1559	Ft8.254	2.00102
Ft2.3199	Ft6.3038	2.00073
Ft2.3123	Ft7.3107	2.00069
Ft4.822	HiC.scaffold.5.250	2.00048
Ft2.77	Ft4.829	2.00022
Ft2.2714	Ft4.340	2.00019
Ft2.461	Ft6.2598	1.99971
Ft3.1838	Ft8.1305	1.99968
Ft3.2777	Ft4.3341	1.9996
Ft2.3376	Ft7.643	1.99952
Ft2.6470	Ft8.3596	1.99945
Ft5.405	Ft5.637	1.99935
Ft3.3478	Ft4.541	1.99918
Ft8.4237	Ft8.4852	1.99902
Ft4.1504	Ft8.2117	1.99898
Ft2.467	Ft3.3069	1.99897
Ft3.4154	Ft8.1552	1.99852
Ft3.2149	Ft6.1886	1.99845
Ft2.5986	Ft4.744	1.99843
Ft5.393	Ft8.161	1.99778
Ft4.152	Ft6.2368	1.99756
Ft2.2270	Ft8.632	1.99748

Fe7.3788	Fe8.10160	2.23956	Ft7.4781	Ft8.5007	1.99726
Fe5.13317	Fe6.3212	2.23955	Ft5.380	Ft6.2151	1.99715
Fe2.1632	Fe4.224	2.23934	Ft1.382	Ft8.2723	1.99697
Fe3.7079	Fe4.8353	2.23925	Ft2.4225	Ft8.4572	1.99682
Fe3.9189	Fe6.10119	2.23908	Ft3.5392	Ft8.2968	1.99675
Fe1.11361	Fe5.13	2.239	Ft2.3576	Ft7.1038	1.99674
Fe1.4755	Fe2.4113	2.23858	Ft4.3567	Ft7.1597	1.996
Fe2.2840	Fe4.8504	2.23855	Ft7.3118	Ft7.4976	1.99548
Fe3.8947	Fe3.9819	2.23851	Ft3.1353	Ft7.1068	1.99533
Fe3.8601	Fe6.9695	2.23833	Ft1.1314	Ft7.4918	1.99489
Fe1.6219	Fe7.3552	2.23821	Ft7.920	Ft8.2462	1.99484
Fe3.5253	Fe8.10168	2.23821	Ft1.1700	Ft5.1174	1.99461
Hic.scaffold.10.82	Hic.scaffold.9.720	2.23744	Ft7.970	Ft8.2966	1.9946
Fe6.5797	Fe6.11887	2.2373	Ft8.307	Ft8.340	1.9946
Fe3.7446	Fe5.9892	2.23726	Ft6.1869	Ft8.3623	1.99434
Fe4.11443	Fe7.11142	2.23713	Ft1.176	Ft1.2628	1.99415
Fe2.10863	Fe2.12719	2.23701	Ft2.5765	Ft4.2115	1.99406
Fe2.7755	Fe3.4449	2.23693	Ft7.1645	Ft7.1911	1.99402
Fe1.9070	Fe4.9693	2.2369	Ft4.1422	Ft5.360	1.9939
Fe1.6851	Fe5.7110	2.23656	Ft7.2439	Ft8.1318	1.99381
Fe2.13471	Fe5.12878	2.23655	Ft4.4573	Ft7.3831	1.99363
Fe2.11915	Fe4.3649	2.23652	Ft4.2158	Ft8.4266	1.99357
Fe3.14114	Fe7.6658	2.23627	Ft1.2763	Ft3.2422	1.99356
Fe2.9889	Fe8.10585	2.23602	Ft5.41	Ft5.1667	1.99352
Fe2.11727	Fe8.9724	2.23586	Ft1.2320	Ft6.913	1.99333
Fe2.4138	Fe5.11125	2.23575	Ft4.3991	Ft6.3248	1.99321
Fe5.1875	Fe7.7422	2.23574	Ft1.1149	Ft2.6101	1.99302
Fe2.11533	Fe4.9661	2.23573	Ft2.2159	Ft8.3889	1.99297
Fe7.4006	Fe8.10719	2.23531	Ft3.2679	Ft7.332	1.99289
Fe7.166	Fe7.749	2.2353	Ft5.184	Ft7.5080	1.99243
Fe1.6842	Fe4.6338	2.23526	Ft3.1944	Ft8.121	1.99227
Fe1.3335	Fe3.7446	2.23511	Ft1.1874	Ft5.217	1.99222
Fe1.1888	Fe8.3065	2.2351	Ft1.2422	Ft3.390	1.99221
Fe2.10254	Fe3.7763	2.23502	Ft7.2199	Ft7.3046	1.99215
Fe8.3523	Fe8.6430	2.23502	Ft1.135	Ft2.4756	1.99207
Fe2.14302	Fe3.14308	2.23495	Ft2.2480	Ft2.4604	1.99184
Fe2.2639	Fe7.3277	2.23494	Ft1.1025	Ft8.3233	1.9918
Fe2.1368	Fe2.11798	2.23488	Ft4.198	Ft4.2899	1.99172
Fe5.6676	Fe8.2073	2.23479	Ft2.4966	Ft7.4822	1.99159
Fe3.2513	Fe8.12059	2.23466	Ft6.11	Ft6.3333	1.99149
Fe1.3271	Fe1.9278	2.23461	Ft2.6570	Ft4.1187	1.99142
Fe1.13256	Fe4.1411	2.23455	Ft3.2879	Ft5.2378	1.99118
Fe2.10888	Fe5.2863	2.23455	Ft2.5550	Ft8.3907	1.99117
Fe2.12734	Fe6.10224	2.23445	Ft1.647	Ft1.2586	1.99088
Fe1.11196	Fe1.14088	2.2342	Ft1.1465	Ft7.4054	1.99087
Fe4.11774	Fe6.3468	2.23397	Ft1.272	Ft6.3364	1.99085
Fe1.7074	Fe3.13911	2.23387	Ft7.3128	Ft8.3822	1.99073
Fe6.4772	Fe6.6006	2.23364	Ft2.3978	Ft2.5786	1.99045
Fe4.12002	Fe7.2448	2.23356	Ft5.374	Ft8.5203	1.99035
Fe1.1569	Fe3.4606	2.23344	Ft2.4124	Ft5.2941	1.99004
Fe5.3070	Fe8.11410	2.23342	Ft7.943	Ft8.4510	1.98995
Fe5.6676	Fe5.7578	2.23325	Ft2.2340	Ft8.332	1.98978
Fe1.5477	Fe8.3624	2.23322	Ft2.2463	Ft5.805	1.98974
Fe3.7896	Fe6.9322	2.23317	Ft3.3207	Ft4.2767	1.98974
Fe5.13081	Fe6.11165	2.23299	Ft2.1604	Ft7.3081	1.9893

Fe4.14491	Fe7.2448	2.23297
Fe1.71	Fe2.12270	2.23294
Fe4.4837	Fe5.12933	2.23291
Fe2.14139	Fe8.9970	2.2329
Fe5.499	Fe7.720	2.23286
Fe2.876	Fe3.4738	2.23283
Fe7.8801	Fe7.11455	2.23283
Fe4.1638	Fe6.12040	2.23268
Fe1.1644	Fe1.14235	2.2323
Fe2.11709	Fe5.10050	2.23226
Fe4.6127	Fe7.11567	2.23215
Fe2.3322	Fe3.1058	2.23214
Fe1.10938	Fe7.12405	2.23209
Fe3.8582	Hic.scaffold.9.680	2.23191
Fe4.3636	Fe6.1828	2.23189
Fe3.4192	Fe4.8228	2.23186
Fe1.14614	Fe3.141	2.23175
Fe2.13823	Fe5.13008	2.23169
Fe7.597	Fe8.9318	2.23168
Fe4.12300	Fe8.1703	2.23167
Fe1.8092	Fe3.12149	2.23166
Fe2.13358	Fe5.12423	2.2313
Fe3.1231	Fe8.11030	2.23102
Fe8.10878	Hic.scaffold.9.769	2.23072
Fe1.10858	Fe6.8003	2.2307
Fe3.13938	Fe8.11052	2.2307
Fe7.857	Hic.scaffold.10.392	2.23043
Fe6.2442	Fe8.1650	2.2304
Fe1.14402	Fe3.790	2.23023
Fe2.13949	Fe8.4373	2.2302
Fe2.11663	Fe4.14157	2.23009
Fe3.1098	Fe8.7059	2.23003
Fe1.14491	Fe3.407	2.2298
Fe1.14456	Fe2.12055	2.22961
Fe1.3398	Fe7.1188	2.22958
Fe3.2187	Hic.scaffold.9.49	2.22946
Fe3.13558	Fe7.6933	2.2293
Fe1.6135	Fe6.9526	2.22904
Fe8.5521	Fe8.10582	2.22898
Fe3.14486	Fe5.10627	2.22889
Fe1.4017	Fe4.7275	2.22874
Fe3.8872	Fe6.9484	2.22872
Fe4.878	Fe7.6159	2.22865
Fe5.5511	Fe6.9851	2.22861
Fe5.1222	Fe7.11298	2.22854
Fe3.12068	Fe7.8090	2.22846
Fe1.2538	Fe7.8090	2.22814
Fe1.11191	Fe6.9893	2.228
Fe2.11825	Fe8.9851	2.228
Fe3.12152	Hic.scaffold.12.224	2.22775
Fe1.14239	Fe2.13529	2.22762
Fe6.7777	Fe8.7348	2.2275
Fe4.3285	Fe5.12437	2.22749
Fe5.5695	Fe6.3366	2.22745
Fe1.10099	Fe4.3336	2.22738
Ft5.465	Ft5.922	1.98907
Ft4.1964	Ft7.2986	1.98903
Ft4.26	Ft5.1594	1.98891
Ft3.654	Ft4.3766	1.98887
Ft3.665	Ft4.136	1.98876
Ft1.2735	Ft3.390	1.98867
Ft2.2955	Ft4.1174	1.98855
Ft3.4076	Ft7.2058	1.98837
Ft4.1134	Ft4.5994	1.98824
Ft2.4737	Ft6.1517	1.98804
Ft7.4265	Ft8.4553	1.98794
Ft3.989	Ft8.340	1.98776
Ft7.3058	Ft7.3186	1.98729
Ft4.562	Ft5.121	1.98719
Ft4.786	Ft7.4952	1.98716
Ft7.2993	Ft7.4954	1.98689
Ft3.1223	Ft6.680	1.98679
Ft1.2402	Ft3.1512	1.98678
Ft3.2127	Ft7.1230	1.98675
Ft2.4371	Ft4.1810	1.98663
Ft2.4073	Ft6.1415	1.98627
Ft3.5447	Ft7.2222	1.98598
Ft6.147	Ft7.5102	1.98586
Ft2.508	Ft3.1812	1.9857
Ft3.1541	Ft8.315	1.9856
Ft3.2416	Ft6.206	1.98514
Ft6.891	Ft8.5207	1.98485
Ft3.3769	Ft7.2086	1.98454
Ft5.815	Ft6.134	1.98447
Ft3.1133	Ft5.2405	1.98444
Ft2.4629	Ft8.3549	1.98443
Ft5.626	Ft7.4873	1.98442
Ft3.1787	Ft4.2196	1.9844
Ft7.2994	Ft8.130	1.98431
Ft2.2714	Ft8.307	1.98429
Ft5.215	Ft6.847	1.98403
Ft3.643	Ft7.3483	1.98399
Ft8.195	Ft8.1649	1.98399
Ft1.159	Ft7.3585	1.98394
Ft3.3563	Ft8.4603	1.98388
Ft4.5865	Ft7.1820	1.98383
Ft3.1870	Ft7.4800	1.98364
Ft4.2965	Ft8.2969	1.98324
Ft3.1974	Ft8.161	1.98315
Ft2.1820	Ft8.3589	1.98299
Ft2.6162	Ft5.503	1.98291
Ft2.2906	Ft7.3063	1.98275
Ft2.5773	Ft7.2412	1.98264
Ft1.1432	Ft3.1390	1.98192
Ft1.890	Ft2.4719	1.9815
Ft2.2828	Ft7.3321	1.98142
Ft4.2786	Ft8.1797	1.98112
Ft1.2843	Ft5.1061	1.9801
Ft2.6336	Ft4.5628	1.9801
Ft5.1730	Ft8.2465	1.97964

Fe7.395	Fe7.4501	2.22733	Ft1.356	Ft5.1698	1.97933
Fe5.10711	Fe6.1939	2.22724	Ft3.666	Ft4.1805	1.97911
Fe3.4331	Fe6.10468	2.22716	Ft2.2119	Ft8.5207	1.97876
Fe3.2995	Fe7.2408	2.22712	Ft4.222	Ft4.2923	1.97852
Fe2.1012	Fe3.5630	2.2265	Ft1.1169	Ft7.3166	1.97847
Fe3.9904	Fe5.12694	2.22648	Ft1.2862	Ft3.561	1.97829
Fe2.11424	Fe7.1098	2.22647	Ft4.1876	Ft7.706	1.97824
Fe1.6549	Fe4.3167	2.22645	Ft1.634	Ft6.1112	1.97818
Fe2.8610	Fe7.1614	2.22626	Ft2.3199	Ft7.5007	1.97796
Fe1.13109	Fe2.13631	2.22624	Ft3.1515	Ft7.4875	1.97777
Fe1.3936	Fe8.9719	2.22623	Ft2.1054	Ft3.2441	1.97734
Fe7.8437	Fe8.7348	2.22616	Ft3.1173	Ft3.2614	1.97718
Fe5.5299	Fe7.5994	2.22559	Ft1.351	Ft2.4197	1.97699
Fe4.14125	Fe6.523	2.22554	Ft1.1907	Ft2.3243	1.97687
Fe7.2660	Fe8.11931	2.22529	Ft5.706	Ft6.3358	1.97644
Fe4.9370	Fe6.11076	2.22505	Ft3.973	Ft8.450	1.9763
Fe4.626	Hic.scaffold.13.274	2.22491	Ft7.4952	Ft8.4074	1.97628
Fe4.13646	Fe6.9605	2.2248	Ft4.5626	Ft7.2610	1.97623
Fe2.559	Fe4.5205	2.22475	Ft3.1305	Ft7.3075	1.97617
Fe1.10598	Fe7.4150	2.22466	Ft3.2827	Ft8.1896	1.97559
Fe2.12329	Fe7.2523	2.22453	Ft4.3771	Ft5.687	1.97556
Fe7.267	Fe7.1123	2.22443	Ft2.3243	Ft8.571	1.97524
Fe7.2834	Fe7.6108	2.2244	Ft3.385	Ft3.5029	1.9752
Fe5.13101	Fe7.4387	2.22432	Ft7.1068	Ft7.3993	1.97504
Fe4.4857	Fe7.249	2.22421	Ft1.2419	Ft6.1504	1.97494
Fe2.11972	Fe8.10029	2.22415	Ft3.5555	Ft4.3453	1.9748
Fe3.11785	Fe6.5616	2.22415	Ft2.6450	Ft4.2600	1.97478
Fe8.3024	Hic.scaffold.9.409	2.22405	Ft3.1525	Ft7.4781	1.9747
Fe5.3988	Fe7.1609	2.22395	Ft4.903	Ft8.5108	1.97457
Fe2.220	Fe7.1226	2.22373	Ft4.786	Ft7.2802	1.97424
Fe4.6514	Fe5.1078	2.22367	Ft3.4430	Ft8.1559	1.97422
Fe3.5930	Fe5.12839	2.22366	Ft3.3692	Ft8.1394	1.97417
Fe1.4461	Fe2.4480	2.22359	Ft7.3010	Ft7.3248	1.97391
Fe1.1092	Fe8.9740	2.22338	Ft2.4272	Ft7.1618	1.97377
Fe3.13562	Fe7.162	2.22332	Ft3.2084	Ft7.4915	1.97372
Fe2.8904	Fe7.5938	2.22317	Ft2.1898	Ft7.1581	1.97361
Fe1.14208	Fe7.2085	2.22315	Ft7.3091	Ft7.3404	1.97347
Fe6.10778	Fe7.6295	2.2231	Ft3.3444	Ft8.3341	1.97319
Fe1.1426	Fe6.10468	2.223	Ft7.2122	Ft8.1253	1.97312
Fe2.12302	Fe8.9130	2.22294	Ft3.4107	Ft4.4329	1.97302
Fe1.11272	Fe5.6573	2.22281	Ft2.3529	Ft3.2645	1.97285
Fe3.9856	Fe7.3633	2.22263	Ft2.204	Ft2.6481	1.97243
Fe1.7329	Fe2.5041	2.22255	Ft5.740	Ft8.3700	1.97232
Fe3.8872	Fe6.6668	2.22217	Ft6.1215	Ft8.1736	1.97229
Fe3.7370	Fe8.1555	2.22209	Ft3.694	Ft3.916	1.97228
Fe1.10338	Fe3.13815	2.22192	Ft2.3012	Ft7.598	1.97226
Fe2.1960	Fe4.766	2.22189	Ft3.1787	Ft7.2530	1.97224
Fe3.5763	Fe7.3724	2.22177	Ft3.3214	Ft4.4308	1.97199
Fe6.3485	Fe7.2293	2.22174	Ft2.5304	Ft2.5695	1.97173
Fe5.3598	Fe5.9721	2.22161	Ft3.1838	Ft4.753	1.97168
Fe7.5994	Fe8.2721	2.22159	Ft6.3108	Ft8.3431	1.97144
Fe1.9073	Fe3.7728	2.22126	Ft3.2055	Ft4.3963	1.97138
Fe4.12414	Fe6.3066	2.22107	Ft4.4249	Ft7.2428	1.97062
Fe4.11813	Fe8.886	2.22085	Ft3.1823	Ft8.1702	1.97059
Fe1.14595	Fe2.490	2.22056	Ft2.2672	Ft8.3651	1.97044

Fe2.13260	Fe8.10764	2.22056	Ft6.214	Ft7.507	1.97037
Fe3.7893	Fe7.9144	2.22026	Ft2.918	Ft3.1870	1.97031
Fe4.12335	Fe5.12960	2.22024	Ft2.6044	Ft3.165	1.96989
Fe3.2154	Fe7.1648	2.22018	Ft2.2822	Ft3.1464	1.96979
Fe3.2510	Fe6.375	2.22004	Ft5.401	Ft5.752	1.96949
Fe4.5908	Fe6.3212	2.21984	Ft1.1782	Ft4.3935	1.96935
Fe4.225	Fe4.6442	2.21971	Ft1.2422	Ft2.6226	1.9693
Fe4.6048	Fe4.13095	2.21967	Ft2.6060	Ft3.141	1.96924
Fe1.3398	Fe7.10019	2.21955	Ft4.4308	Ft7.2465	1.96918
Fe2.7940	Fe8.3872	2.21955	Ft7.2377	Ft8.1227	1.96909
Fe7.3467	Fe7.13172	2.21951	Ft1.2351	Ft2.6287	1.96902
Fe4.3961	Fe7.9993	2.21945	Ft2.469	Ft2.1781	1.96883
Fe3.5420	Fe4.9484	2.21936	Ft2.3801	Ft2.6441	1.96863
Fe1.3128	Fe5.3299	2.21935	Ft2.6060	Ft8.3693	1.96847
Fe3.13631	Fe8.11535	2.21926	Ft1.479	Ft6.1039	1.96803
Fe3.5763	Fe3.7728	2.21909	Ft2.2530	Ft8.4305	1.96755
Fe1.9609	Fe5.12697	2.21903	Ft6.2849	Ft8.3406	1.9672
Fe4.5622	Fe6.9640	2.21874	Ft1.1689	Ft4.1222	1.96711
Fe3.13786	Fe7.267	2.2186	Ft4.2997	Ft4.4302	1.96683
Fe3.14567	Fe8.10673	2.21849	Ft3.2526	Ft8.4856	1.96652
Fe1.5103	Fe2.9729	2.21838	Ft3.3592	Ft7.3342	1.96631
Fe3.7896	Fe4.2305	2.21809	Ft5.912	Ft7.1597	1.96627
Fe2.14249	Fe8.9973	2.21801	Ft6.1009	Ft7.4873	1.96614
Fe2.11243	Fe8.5290	2.21784	Ft2.2930	Ft7.2733	1.9661
Fe7.3619	Fe8.6747	2.21777	Ft3.4744	Ft6.2568	1.96609
Fe2.10528	Fe3.13697	2.21754	Ft3.1495	Ft7.2987	1.96604
Fe6.9851	Fe7.6232	2.21751	Ft4.724	Ft7.1053	1.96599
Fe1.13876	Fe2.12917	2.21743	Ft4.1938	Ft7.649	1.96545
Fe1.488	Fe2.11201	2.21743	Ft2.4108	Ft3.5530	1.96507
Fe2.13854	Fe3.1372	2.2172	Ft2.922	Ft3.721	1.96472
Fe5.13662	Fe6.2622	2.2171	Ft3.4687	Ft4.5560	1.96465
Fe3.11867	Fe5.59	2.21696	Ft2.4085	Ft4.5802	1.96453
Fe3.14471	Fe4.12224	2.21686	Ft3.1263	Ft7.4794	1.96434
Fe1.9073	Fe6.4644	2.21676	Ft7.3745	Ft8.304	1.96414
Fe2.9729	Fe6.11303	2.21665	Ft6.2221	Ft8.3283	1.96386
Fe6.7616	Fe7.12784	2.21638	Ft2.1839	Ft8.4174	1.96384
Fe6.8428	Fe7.3708	2.21638	Ft7.4918	Ft8.4513	1.96372
Fe5.6472	Fe8.5307	2.21622	Ft3.1844	Ft8.2114	1.96366
Fe1.4313	Fe2.14046	2.21621	Ft7.4918	Ft8.4998	1.96366
Fe4.6338	Fe6.4772	2.21595	Ft3.2187	Ft7.1132	1.96364
Fe1.10449	Fe8.6673	2.21594	Ft6.3012	Ft7.4641	1.96354
Fe1.2487	Fe1.4499	2.21572	Ft2.2930	Ft3.1935	1.96326
Fe5.1162	Fe5.1581	2.2157	Ft5.829	Ft6.2790	1.96308
Fe1.12885	Fe8.9724	2.21538	Ft2.461	Ft3.4973	1.96289
Fe5.11521	Fe7.12723	2.21528	Ft2.961	Ft3.4618	1.96282
Fe2.14148	Fe3.14239	2.21525	Ft2.630	Ft4.1256	1.96266
Fe1.5821	Fe2.1556	2.21516	Ft4.1963	Ft7.3733	1.96266
Fe7.8079	Fe8.5255	2.21507	Ft2.2330	Ft3.4989	1.96254
Fe2.9558	Fe3.3515	2.21502	Ft2.3422	Ft7.548	1.96232
Fe3.2264	Fe6.7666	2.21498	Ft2.4627	Ft3.4121	1.96216
Fe5.12791	Fe7.3509	2.21475	Ft4.5419	Ft8.3258	1.96216
Fe5.12742	Fe7.7202	2.21474	Ft5.1412	Ft5.2886	1.96216
Fe2.13739	Fe4.702	2.21429	Ft5.1923	Ft7.4574	1.96183
Fe2.10223	Fe3.7835	2.21398	Ft7.664	Ft7.1655	1.96179
Fe1.858	Fe1.1223	2.21395	Ft2.6069	Ft7.2920	1.96168

Fe5.3884	Fe7.7422	2.21374	Ft2.4120	Ft2.5951	1.96132
Fe1.9532	Fe2.2872	2.21341	Ft1.511	Ft6.1070	1.9613
Fe4.2896	Fe8.3444	2.21339	Ft2.439	Ft3.3014	1.96113
Fe4.11572	Fe6.7179	2.21336	Ft2.1682	Ft2.2133	1.9611
Fe1.9968	Fe8.9997	2.21332	Ft2.4318	Ft7.3986	1.96097
Fe7.5241	Fe8.9972	2.21331	Ft2.4567	Ft7.2439	1.96091
Fe2.12269	Fe7.1053	2.21314	Ft5.1924	Ft7.4565	1.96057
Fe1.13271	Fe3.14451	2.21282	Ft7.2290	Ft8.482	1.96057
Fe2.2520	Fe4.11321	2.21262	Ft7.4832	Ft8.3182	1.96054
Fe5.1103	Fe6.11876	2.21253	Ft1.2785	Ft4.1189	1.96052
Fe7.11743	Fe8.6938	2.21237	Ft6.1009	Ft8.380	1.9602
Fe3.6713	Fe8.11906	2.21233	Ft3.1643	Ft8.84	1.9601
Fe1.420	Fe5.13558	2.21217	Ft3.629	Ft3.2050	1.95993
Fe1.2545	Fe6.10257	2.21215	Ft2.6077	Ft7.1094	1.95992
Fe6.5921	Fe6.9772	2.21204	Ft7.4057	Ft8.2416	1.95969
Fe2.8583	Fe6.10250	2.21203	Ft5.680	Ft8.3551	1.95956
Fe4.6021	Fe6.2648	2.21192	Ft1.2412	Ft4.886	1.95952
Fe2.10301	Fe6.9837	2.21134	Ft1.45	Ft7.4835	1.95932
Fe5.2880	Fe6.2766	2.21122	Ft5.2054	Ft7.688	1.95927
Fe4.13372	Fe5.12957	2.21117	Ft1.356	Ft1.2749	1.95905
Fe2.11561	Fe2.12045	2.21112	Ft4.2413	Ft8.1609	1.95899
Fe4.4003	Fe7.9673	2.21094	Ft3.5091	Ft4.3782	1.95851
Fe6.3212	Fe7.8090	2.21084	Ft3.1216	Ft8.3996	1.95832
Fe2.13364	Fe4.11381	2.21061	Ft7.3057	Ft8.1943	1.95803
Fe5.1796	Fe6.1476	2.21047	Ft3.1663	Ft7.4918	1.95798
Fe1.163	Fe6.2266	2.21035	Ft6.2523	Ft7.4832	1.95753
Fe6.6030	Fe7.6816	2.21008	Ft1.2689	Ft6.837	1.95746
Fe3.142	Fe8.470	2.2099	Ft3.3418	Ft4.5592	1.95745
Fe7.5258	Fe8.7183	2.2099	Ft7.419	Ft8.573	1.95736
Fe2.1592	Fe6.2037	2.20989	Ft1.399	Ft1.2794	1.95722
Fe6.2402	Fe8.445	2.20977	Ft3.4389	Ft4.126	1.9572
Fe1.4424	Fe3.9824	2.20956	Ft1.2314	Ft6.910	1.95712
Fe6.10868	Fe8.1537	2.20954	Ft2.5155	Ft7.609	1.95702
Fe3.237	Fe8.3489	2.20948	Ft7.1010	Ft8.1797	1.95698
Fe1.12167	Hic.scaffold.13.249	2.20934	Ft4.877	Ft6.604	1.95685
Fe4.5908	Fe8.10091	2.20925	Ft1.1861	Ft4.3658	1.95679
Fe7.842	Fe8.5451	2.20915	Ft2.4203	Ft3.5652	1.95669
Fe2.11112	Fe7.3869	2.209	Ft4.126	Ft4.2786	1.95628
Fe1.10153	Fe4.11557	2.20898	Ft2.5231	Ft7.4954	1.9558
Fe1.10521	Fe7.6232	2.20896	Ft6.1430	Ft8.272	1.95551
Fe4.8152	Fe7.10098	2.20866	Ft7.3278	Ft7.4781	1.95541
Fe2.9493	Fe6.4361	2.20857	Ft2.421	Ft7.2170	1.95529
Fe1.6526	Fe4.5680	2.20856	Ft1.766	Ft2.6232	1.95522
Fe2.10269	Fe6.9798	2.20856	Ft3.5485	Ft4.696	1.9552
Fe4.1866	Fe4.11964	2.2085	Ft4.2135	Ft8.271	1.95506
Fe4.2030	Fe8.7313	2.20847	Ft8.2310	Ft8.4835	1.95489
Fe4.8406	Fe6.11369	2.20842	Ft2.3645	Ft2.5447	1.95475
Fe5.8240	Fe6.10845	2.20841	Ft4.757	Ft5.2861	1.95466
Fe3.5629	Fe4.8285	2.20838	Ft4.82	Ft6.2327	1.95454
Fe2.13567	Fe3.1906	2.20827	Ft2.2984	Ft8.573	1.95447
Fe3.6222	Hic.scaffold.10.510	2.20815	Ft6.1504	Ft7.4880	1.95396
Fe2.650	Fe4.910	2.20813	Ft2.2561	Ft2.2808	1.95392
Fe1.4017	Fe2.844	2.20789	Ft2.2359	Ft8.340	1.95354
Fe3.13814	Fe8.834	2.20769	Ft8.3627	Ft8.4174	1.95338
Fe3.5930	Fe4.4044	2.20765	Ft1.664	Ft1.2593	1.95327

Fe1.2500	Fe3.4689	2.20752	Ft2.6468	Ft7.1026	1.95289
Fe3.11892	Fe8.8176	2.20732	Ft2.5610	Ft8.3859	1.95288
Fe3.8160	Fe7.3498	2.20726	Ft7.434	Ft8.5057	1.95268
Fe3.4007	Fe5.12923	2.2071	Ft1.2260	Ft4.2043	1.95258
Fe6.2177	Hic.scaffold.11.139	2.2069	Ft2.5219	Ft3.1209	1.95242
Fe2.3243	Fe3.3676	2.20683	Ft2.2637	Ft6.3273	1.95234
Fe4.718	Fe7.1159	2.20661	Ft3.2862	Ft8.279	1.95212
Fe4.6048	Fe8.565	2.20636	Ft4.219	Ft5.35	1.95207
Fe5.6356	Fe5.6628	2.20635	Ft4.4104	Ft8.3541	1.95207
Fe2.385	Fe5.13176	2.2063	Ft2.5776	Ft4.5547	1.95179
Fe1.1687	Fe6.3658	2.20607	Ft7.361	Ft8.2992	1.95175
Fe5.3854	Fe6.3457	2.20586	HiC_scaffold_5_[iC_scaffold_5_37		1.95168
Fe3.4081	Fe5.14221	2.20555	Ft2.429	Ft6.2817	1.95164
Fe3.13780	Fe7.853	2.20545	Ft2.2919	Ft2.6155	1.95163
Fe3.3392	Fe6.10923	2.20507	Ft2.5968	Ft4.5714	1.95137
Fe3.12467	Hic.scaffold.13.91	2.20451	Ft1.1749	Ft4.4024	1.95111
Fe2.13879	Hic.scaffold.9.483	2.20445	Ft4.6063	Ft8.4029	1.95103
Fe8.834	Fe8.1433	2.20445	Ft3.635	Ft4.3491	1.95077
Fe3.7618	Fe7.6295	2.20431	Ft4.4069	Ft4.4449	1.95054
Fe1.8925	Fe4.10349	2.20397	Ft2.4496	Ft8.5108	1.95053
Fe5.8962	Fe6.8410	2.20395	Ft4.5455	Ft7.3092	1.95
Fe2.831	Fe4.234	2.20391	Ft2.4543	Ft3.1357	1.94997
Fe1.2541	Fe4.9656	2.20386	Ft1.2638	Ft5.2856	1.94986
Fe1.10211	Hic.scaffold.10.377	2.20364	Ft4.2570	Ft4.2934	1.9497
Fe5.10998	Fe8.9388	2.20355	Ft4.54	Ft5.31	1.94954
Fe3.14003	Fe7.8750	2.20354	Ft4.680	Ft8.5105	1.94947
Fe7.2721	Fe8.5754	2.20352	Ft4.753	Ft4.5051	1.94908
Fe2.8401	Fe3.370	2.20329	Ft3.5585	Ft5.32	1.94883
Fe3.456	Fe5.58	2.20326	Ft7.2173	Ft8.798	1.94878
Fe3.11862	Fe6.2606	2.2032	Ft7.4955	Ft8.4974	1.94872
Fe5.8322	Fe7.6295	2.20318	Ft1.168	Ft1.2617	1.94856
Fe2.13842	Fe3.1016	2.20289	Ft8.1560	Ft8.1736	1.94855
Fe2.11533	Fe5.3275	2.20267	Ft1.1085	Ft7.4968	1.94838
Fe3.12261	Fe4.3914	2.20265	Ft7.4024	Ft8.2498	1.94818
Fe3.2342	Fe6.7371	2.20263	Ft3.4985	Ft8.4701	1.94812
Fe3.8493	Fe7.6214	2.20237	Ft4.4709	Ft7.3532	1.94809
Fe7.7336	Fe8.8156	2.20234	Ft2.1865	Ft2.5695	1.94802
Fe2.10968	Fe7.422	2.20226	Ft2.1438	Ft2.1511	1.94795
Fe3.6026	Fe6.4889	2.20221	Ft1.2381	Ft2.5754	1.94778
Fe2.8316	Fe7.12445	2.2021	Ft7.4741	Ft8.1762	1.94777
Fe1.6176	Fe8.3866	2.20207	Ft2.2828	Ft7.1273	1.94775
Fe2.1106	Fe7.6138	2.20207	Ft3.1881	Ft4.814	1.94766
Fe5.3854	Hic.scaffold.9.949	2.20202	Ft2.3819	Ft2.5690	1.94763
Fe2.10817	Fe4.14204	2.20201	Ft6.1017	Ft8.4270	1.94763
Fe1.14144	Fe5.14203	2.202	Ft2.2391	Ft7.3027	1.94757
Fe7.7134	Fe8.9627	2.20193	Ft7.554	Ft7.1016	1.94756
Fe4.3155	Fe6.2885	2.20183	Ft4.2295	Ft7.1038	1.9472
Fe1.9872	Fe7.6756	2.20172	Ft4.5650	Ft7.1016	1.94711
Fe3.2823	Fe6.1064	2.20159	Ft2.2991	Ft7.585	1.94705
Fe7.469	Hic.scaffold.10.395	2.20159	Ft2.4622	Ft8.4575	1.94693
Fe1.14208	Fe6.3759	2.20117	Ft1.1908	Ft5.171	1.94661
Fe1.4457	Fe3.8600	2.201	Ft2.3166	Ft8.4161	1.94656
Fe2.13780	Fe8.11538	2.20097	Ft2.5335	Ft8.4090	1.94654
Fe2.13024	Fe4.5967	2.20087	Ft6.901	Ft6.3283	1.94618
Fe6.2157	Fe8.9851	2.20079	Ft2.6133	Ft8.1342	1.94614

Fe4.8341	Fe8.10161	2.20056	Ft5.483	Ft5.2655	1.94572
Fe2.11424	Fe8.11358	2.20049	Ft5.360	Ft6.3516	1.94553
Fe1.2475	Fe7.7653	2.20044	Ft4.1964	Ft4.2196	1.94545
Fe7.585	Fe7.1169	2.20039	Ft4.2756	Ft8.1589	1.94523
Fe2.10652	Fe6.9220	2.20031	Ft2.6594	Ft3.1282	1.94514
Fe2.7644	Fe2.11360	2.2002	Ft2.3378	Ft3.2599	1.94499
Fe3.7369	Fe7.6108	2.20008	Ft4.222	Ft7.2316	1.94483
Fe2.8872	Fe2.11424	2.20006	Ft2.2744	Ft3.317	1.94474
Fe1.834	Hic.scaffold.9.846	2.20001	Ft2.1925	Ft3.4079	1.94459
Fe1.14273	Fe5.3652	2.19968	Ft2.6638	Ft8.4210	1.9443
Fe4.2896	Fe5.10692	2.19965	Ft2.3668	Ft5.3001	1.94414
Fe6.9220	Fe7.3271	2.1995	Ft8.715	Ft8.2109	1.94409
Fe3.14044	Fe4.10657	2.19936	Ft2.6109	Ft5.277	1.94408
Fe1.14147	Fe3.4007	2.19928	Ft2.2970	Ft3.883	1.94404
Fe3.9713	Fe6.9640	2.19922	Ft1.2814	Ft5.416	1.94339
Fe6.1955	Fe8.5131	2.1992	Ft2.4317	Ft3.1247	1.94338
Fe1.4597	Fe1.8681	2.19905	Ft3.1473	Ft4.4308	1.94314
Fe2.8274	Fe3.1831	2.1987	Ft3.2035	Ft3.2793	1.94297
Fe1.14394	Fe4.3923	2.19854	Ft5.386	Ft5.673	1.94223
Fe2.12287	Fe6.2269	2.19853	Ft6.3419	Ft7.4939	1.94214
Fe3.4679	Fe7.13018	2.19818	Ft2.1933	Ft2.5786	1.94207
Fe2.3817	Fe3.9363	2.19817	Ft2.352	Ft4.5556	1.94201
Fe3.6506	Fe4.11469	2.19808	Ft2.3664	Ft3.5335	1.94183
Fe3.168	Fe8.2730	2.19794	Ft3.4039	Ft7.800	1.94153
Fe2.11156	Fe7.379	2.19789	Ft6.1181	Ft6.1480	1.9414
Fe3.8872	Fe8.4178	2.19786	Ft3.2828	Ft8.2353	1.94103
Fe5.1632	Hic.scaffold.11.332	2.19767	Ft5.1882	Ft7.4717	1.94054
Fe1.10153	Fe2.4922	2.19758	Ft5.1369	Ft7.2226	1.94053
Fe6.1771	Fe6.3468	2.19751	Ft3.5310	Ft4.4065	1.94031
Fe3.4177	Fe6.10247	2.19727	Ft5.641	Ft7.4809	1.94028
Fe2.11103	Fe8.2944	2.19712	Ft2.1532	Ft4.4340	1.94025
Fe5.10977	Fe6.9086	2.19684	Ft2.868	Ft2.5549	1.94009
Fe4.5609	Fe5.10602	2.19682	Ft3.818	Ft3.2782	1.94003
Fe5.13282	Fe7.5466	2.19681	Ft6.1989	Ft6.2898	1.93996
Fe1.3936	Fe5.10085	2.19672	Ft4.54	Ft8.1320	1.93977
Fe3.4793	Fe4.8299	2.1966	Ft3.1700	Ft3.5300	1.93968
Fe2.8833	Fe4.11939	2.19638	Ft2.6570	Ft4.6059	1.93954
Fe2.219	Fe8.10848	2.1963	Ft4.1961	Ft4.3838	1.93945
Fe2.2307	Fe8.10982	2.19626	Ft7.2787	Ft7.4764	1.93939
Fe3.4592	Fe4.8360	2.19625	Ft2.5806	Ft4.2066	1.93936
Fe3.9804	Fe5.8240	2.19619	Ft2.4508	Ft7.4993	1.93919
Fe4.12303	Fe8.9970	2.19612	Ft5.446	Ft8.2926	1.939
Fe2.12370	Fe7.2448	2.19607	Ft3.721	Ft6.2198	1.93856
Fe2.10134	Fe3.5610	2.19585	Ft2.4615	Ft4.4994	1.93802
Fe4.2284	Fe8.5521	2.19569	Ft3.4495	Ft4.170	1.93795
Fe1.1272	Fe8.12101	2.19568	Ft3.141	Ft4.3114	1.93794
Fe1.5078	Fe2.11196	2.19559	Ft7.4954	Ft8.1609	1.93771
Fe4.13736	Fe8.11422	2.19549	Ft7.4998	Ft8.1218	1.93762
Fe5.13104	Fe7.3128	2.19541	Ft3.3478	Ft4.2763	1.93738
Fe1.10100	Fe6.5319	2.19525	Ft2.5709	Ft2.6353	1.93727
Fe5.1151	Fe6.5092	2.19513	Ft6.255	Ft8.3708	1.937
Fe2.14197	Fe4.2361	2.19511	Ft3.4443	Ft7.378	1.93699
Fe2.3113	Fe4.3860	2.19495	Ft2.5330	Ft8.4093	1.93681
Fe1.2368	Fe4.11457	2.19492	Ft2.1054	Ft8.2353	1.93667
Fe2.13683	Fe7.1135	2.19476	Ft3.1375	Ft7.474	1.93667

Fe3.4422	Fe8.565	2.19467	Ft2.524	Ft6.337	1.93651
Fe1.13186	Fe2.11950	2.19463	Ft4.1156	Ft8.4047	1.93629
Fe2.7813	Fe7.770	2.19433	Ft6.1431	Ft7.3117	1.93622
Fe2.11424	Fe3.2466	2.19425	Ft5.651	Ft5.2046	1.9362
Fe3.9856	Fe7.4837	2.19413	Ft2.3057	Ft7.4921	1.93617
Fe2.1200	Fe8.878	2.1941	Ft5.529	Ft7.5159	1.93614
Fe1.3223	Fe8.774	2.19408	Ft7.3520	Ft8.3521	1.93611
Fe3.13829	Fe8.9216	2.19401	Ft4.2141	Ft8.5224	1.93599
Fe4.729	Fe5.3174	2.19394	Ft3.1474	Ft3.2777	1.93578
Fe3.2916	Fe4.202	2.19385	Ft2.4559	Ft8.149	1.93577
Fe3.3295	Fe6.2315	2.19361	Ft2.5896	Ft7.1652	1.93567
Fe7.8090	Fe8.4178	2.19348	Ft2.5289	Ft5.949	1.93554
Fe2.11201	Fe2.12215	2.19343	Ft3.3478	Ft6.1398	1.93547
Fe2.9544	Fe3.9700	2.19311	Ft7.3107	Ft8.522	1.93546
Fe6.1179	Fe6.1521	2.19308	Ft4.157	Ft7.2652	1.93523
Fe3.5608	Fe4.3971	2.19279	Ft1.2794	Ft6.988	1.9349
Fe6.5447	Fe7.8473	2.19243	Ft7.1245	Ft7.2163	1.93473
Fe2.5863	Fe5.7724	2.19233	Ft7.615	Ft8.195	1.93464
Fe3.13367	Fe8.8406	2.19228	Ft3.1317	Ft7.4681	1.93433
Fe4.13928	Fe6.2256	2.19214	Ft1.2368	Ft2.3854	1.93414
Fe4.11699	Fe6.4033	2.19185	Ft2.2681	Ft7.4794	1.9341
Fe4.4961	Fe7.2862	2.19149	Ft6.2213	Ft8.1615	1.93393
Fe1.505	Fe2.13950	2.19147	Ft6.120	Ft8.3824	1.93386
Fe2.13892	Fe8.10084	2.19147	Ft4.1682	Ft8.254	1.93383
Fe3.117	Fe8.9124	2.19138	Ft2.914	Ft3.4229	1.93362
Fe4.92	Fe8.10396	2.19134	Ft2.5368	Ft2.5768	1.93353
Fe2.3243	Fe3.12000	2.19123	Ft4.1726	Ft4.2115	1.93351
Fe3.14387	Fe5.10836	2.19123	Ft2.2302	Ft2.2953	1.93336
Fe5.134	Fe8.11046	2.19103	Ft2.6467	Ft4.4754	1.93336
Fe4.3795	Fe7.4303	2.19102	Ft5.1399	Ft7.3693	1.9332
Fe4.14485	Fe7.1446	2.19086	Ft2.4478	Ft6.2395	1.93299
Fe3.1514	Fe4.11545	2.19074	Ft2.746	Ft4.3334	1.93283
Fe2.5842	Fe4.4918	2.19019	Ft2.889	Ft8.307	1.93278
Fe1.2342	Fe1.9460	2.19011	Ft4.1944	Ft5.1184	1.93249
Fe2.12000	Fe3.11910	2.1901	Ft1.2651	Ft3.1058	1.93248
Fe2.8082	Fe7.9955	2.18994	Ft4.112	Ft7.246	1.93238
Fe8.10184	Fe8.11562	2.18988	Ft4.4674	Ft7.2942	1.93209
Fe1.9769	Fe6.2159	2.18987	Ft1.1730	Ft1.2586	1.93198
Fe2.13648	Fe8.10168	2.18983	Ft2.4195	Ft4.5747	1.93195
Fe1.5946	Fe4.4934	2.18952	Ft2.4929	Ft6.2968	1.93188
Fe4.2849	Fe7.12418	2.18934	Ft3.3429	Ft7.3748	1.93186
Fe2.10781	Fe6.2315	2.18932	Ft4.2961	Ft7.2993	1.93143
Fe2.9644	Fe4.11600	2.18925	Ft2.4632	Ft8.934	1.93134
Fe1.5978	Fe3.4111	2.18922	Ft3.2374	Ft4.498	1.93117
Fe5.2694	Fe6.11512	2.18921	Ft7.2658	Ft7.3946	1.93109
Fe6.6304	Fe6.10224	2.18913	Ft1.2365	Ft2.6445	1.93095
Fe2.8524	Fe7.166	2.189	Ft2.3517	Ft6.1035	1.93087
Fe3.523	Fe3.4362	2.18874	Ft3.5518	Ft8.1318	1.9306
Fe3.1429	Fe3.2519	2.18857	Ft7.1599	Ft8.195	1.93059
Fe4.8049	Fe6.3064	2.18852	Ft2.3040	Ft7.2036	1.9304
Fe7.478	Hic.scaffold.10.380	2.18849	Ft2.2316	Ft3.409	1.9303
Fe7.1045	Hic.scaffold.11.312	2.18831	Ft4.1103	Ft6.964	1.93029
Fe4.2989	Fe8.9943	2.18826	Ft2.1933	Ft3.1338	1.93028
Fe7.239	Fe7.2897	2.18818	Ft7.200	Ft7.4873	1.92993
Fe1.373	Fe2.11102	2.1879	Ft1.1680	Ft8.3716	1.92974

Fe6.2497	Fe7.850	2.18779	Ft2.5358	Ft4.3895	1.92965
Fe2.11135	Fe8.7105	2.18775	Ft2.2391	Ft8.307	1.92944
Fe1.10146	Fe1.10773	2.18762	Ft2.38	Ft7.932	1.9293
Fe7.3043	Fe7.5236	2.18762	Ft8.2549	Ft8.3191	1.92901
Fe5.9228	Fe7.12405	2.18759	Ft2.446	Ft4.1457	1.92859
Fe2.13874	Fe8.5922	2.18748	Ft7.101	Ft7.2338	1.92855
Fe2.3763	Fe6.2996	2.18746	Ft2.630	Ft2.4169	1.92851
Fe3.5242	Fe7.11576	2.1874	Ft1.2662	Ft3.1375	1.92845
Fe4.3884	Fe5.11538	2.1874	Ft1.807	Ft5.215	1.92814
Fe5.14513	Fe7.2619	2.18735	Ft3.3840	Ft6.2490	1.92777
Fe2.11839	Hic.scaffold.9.316	2.18727	Ft2.4916	Ft7.4997	1.92757
Fe2.12343	Fe8.10940	2.18727	Ft3.2753	Ft8.1762	1.92755
Fe3.3374	Fe3.12565	2.18705	Ft2.2391	Ft4.726	1.92749
Fe5.10390	Fe7.469	2.18703	Ft2.3202	Ft5.1632	1.92719
Fe4.14575	Fe7.1188	2.18668	Ft2.991	Ft8.3496	1.92708
Fe2.11183	Fe2.13359	2.18647	Ft2.2533	Ft4.4348	1.92706
Fe1.12849	Fe8.10593	2.18635	Ft4.1103	Ft8.168	1.92677
Fe3.10920	Fe7.3878	2.18611	Ft2.2391	Ft4.1731	1.9267
Fe1.391	Fe2.12037	2.18596	Ft8.1676	Ft8.2847	1.92668
Fe3.3950	Fe4.3768	2.18592	Ft3.3512	Ft8.1305	1.92661
Fe1.12117	Fe7.3699	2.18578	Ft5.923	Ft7.4809	1.92653
Fe2.13843	Fe4.9041	2.18558	Ft3.2599	Ft8.4929	1.92612
Fe2.11294	Fe7.10000	2.18557	Ft7.1344	Ft7.1897	1.92609
Fe3.1079	Hic.scaffold.9.239	2.18536	Ft3.1426	Ft7.2058	1.92594
Fe2.14269	Fe6.2220	2.1851	Ft2.3121	Ft8.4191	1.92588
Fe2.13370	Fe3.3622	2.18483	Ft1.318	Ft1.2326	1.9258
Fe5.7819	Fe6.9640	2.18468	Ft1.320	Ft4.5488	1.92554
Fe7.1440	Hic.scaffold.13.285	2.18467	Ft4.149	Ft8.5039	1.92515
Fe5.11712	Fe7.8090	2.18441	Ft2.991	Ft8.195	1.92476
Fe6.2811	Hic.scaffold.9.193	2.1841	Ft2.2294	Ft4.1771	1.92426
Fe4.10218	Fe8.4084	2.18408	Ft1.2285	Ft2.6256	1.92403
Fe4.5539	Fe7.11317	2.18408	Ft5.1369	Ft8.5274	1.92383
Fe2.8511	Fe3.9030	2.18406	Ft2.2419	Ft4.4095	1.92376
Fe2.2633	Fe3.13370	2.18405	Ft7.4952	Ft8.340	1.92371
Fe1.6347	Fe4.6220	2.184	Ft3.4833	Ft8.2114	1.92369
Fe4.13258	Fe6.3708	2.18391	Ft2.5213	Ft2.5959	1.92365
Fe2.2713	Fe5.10129	2.1839	Ft1.1558	Ft7.4664	1.9236
Fe4.8759	Fe6.6311	2.18389	Ft4.89	Ft4.4302	1.92313
Fe4.6656	Fe5.9892	2.1837	Ft3.1998	Ft7.2736	1.92299
Fe1.14157	Fe6.3828	2.18364	Ft3.2811	Ft3.5510	1.9229
Fe1.13370	Fe7.8320	2.18342	Ft2.5194	Ft4.5726	1.9226
Fe1.10153	Fe8.5353	2.18324	Ft1.99	Ft2.4771	1.92229
Fe3.10336	Fe8.9557	2.18321	Ft7.4720	Ft8.161	1.92215
Fe5.2927	Fe6.10992	2.18304	Ft2.3046	Ft2.5951	1.92202
Fe4.11728	Fe6.9851	2.183	Ft6.3644	Ft7.2502	1.92187
Fe5.11157	Fe7.169	2.18284	Ft5.202	Ft6.1479	1.92163
Fe2.5185	Fe3.7985	2.18283	Ft2.2721	Ft6.668	1.92161
Fe2.4891	Fe4.11774	2.18223	Ft4.893	Ft8.4946	1.92161
Fe4.11774	Fe6.3047	2.18223	Ft5.1145	Ft7.4812	1.92154
Fe2.2670	Fe3.5714	2.18219	Ft3.1056	Ft7.3829	1.92133
Fe3.12657	Fe8.9500	2.18218	Ft2.2624	Ft4.5953	1.92106
Fe3.13342	Fe5.199	2.18212	Ft3.5567	Ft4.5915	1.92088
Fe6.1843	Fe7.7710	2.1821	Ft1.2397	Ft3.2620	1.92018
Fe1.13186	Fe6.3434	2.18208	Ft3.4949	Ft6.1431	1.91958
Fe7.473	Fe7.3639	2.18202	Ft5.634	Ft8.5195	1.91951

Fe8.11119	Hic.scaffold.12.125	2.18191	Ft3.5770	Ft4.6050	1.91945
Fe1.6475	Fe3.5900	2.18188	Ft1.84	Ft3.1622	1.91934
Fe1.14040	Fe5.1211	2.18175	Ft7.3087	Ft8.1797	1.91933
Fe2.8110	Fe4.5019	2.18173	Ft6.1488	Ft7.3342	1.9188
Fe4.6656	Fe6.9419	2.18165	Ft2.4991	Ft3.4282	1.91876
Fe3.7835	Fe8.2819	2.18152	Ft1.701	Ft6.1224	1.91868
Fe5.3876	Fe6.2544	2.18152	Ft3.5487	Ft7.507	1.91835
Fe4.3649	Fe7.3128	2.18092	Ft4.5870	Ft7.2819	1.91811
Fe1.7165	Fe7.833	2.18072	Ft5.374	Ft6.42	1.91754
Fe4.13808	Fe5.13	2.18071	Ft1.1399	Ft5.2012	1.91746
Fe2.13277	Fe7.7362	2.18066	Ft3.2056	Ft4.2850	1.91724
Fe2.10699	Fe3.13840	2.18063	Ft3.4017	Ft8.2828	1.91697
Fe1.6842	Fe1.11892	2.18053	Ft2.2523	Ft8.4843	1.91674
Fe6.10917	Fe7.1184	2.18042	Ft2.671	Ft8.1638	1.91672
Fe4.7347	Fe7.6214	2.18033	Ft7.280	Ft8.3182	1.91648
Fe5.9789	Fe8.7445	2.18031	Ft3.1907	Ft7.4995	1.91609
Fe3.161	Fe5.152	2.18009	Ft1.701	Ft6.668	1.91603
Fe3.7985	Fe7.11078	2.18009	Ft8.518	Ft8.607	1.9159
Fe7.11317	Fe8.10947	2.17956	Ft7.5140	Ft8.2416	1.91572
Fe1.14015	Fe2.11907	2.17939	Ft3.2422	Ft8.4060	1.9155
Fe3.4154	Fe5.8036	2.17928	Ft4.5603	Ft7.5229	1.91538
Fe5.10742	Fe6.6275	2.17905	Ft7.3795	Ft8.2657	1.91522
Fe2.8529	Fe5.11904	2.17898	Ft5.1989	Ft7.5275	1.91493
Fe1.10922	Fe7.2998	2.17892	Ft3.5192	Ft8.4645	1.91472
Fe2.3206	Fe7.3509	2.17892	Ft2.412	Ft4.3902	1.91458
Fe3.1013	Fe8.3506	2.17881	Ft2.2932	Ft3.618	1.91457
Fe5.89	Fe5.3731	2.17868	Ft2.2766	Ft8.3045	1.91451
Fe2.10599	Fe3.12161	2.17849	Ft5.1860	Ft7.5323	1.91442
Fe4.3649	Fe6.6316	2.1783	Ft3.3175	Ft4.4336	1.91421
Fe6.5837	Fe7.3878	2.17792	Ft3.5241	Ft5.2934	1.91383
Fe2.8807	Fe4.13816	2.17782	Ft3.39	Ft4.1256	1.91378
Fe3.4015	Fe7.725	2.17768	Ft2.6398	Ft7.3075	1.91368
Fe6.6135	Fe8.4611	2.17723	Ft5.1100	Ft5.2649	1.91341
Fe4.6048	Fe5.6169	2.17679	Ft2.2930	Ft4.126	1.91334
Fe6.11750	Fe8.3866	2.17677	Ft3.1899	Ft7.5226	1.91301
Fe2.8964	Fe5.9686	2.17662	Ft2.4135	Ft2.6054	1.91259
Fe2.2207	Fe2.6178	2.17626	Ft5.1621	Ft7.3026	1.91239
Fe1.12715	Hic.scaffold.10.463	2.17625	Ft1.2676	Ft5.2891	1.91198
Fe4.3096	Fe4.8493	2.17615	Ft5.1095	Ft6.1472	1.91179
Hic.scaffold.10.293	Hic.scaffold.9.103	2.17582	Ft1.2857	Ft5.145	1.91172
Fe1.2538	Fe3.4065	2.17575	Ft2.766	Ft4.2678	1.91172
Fe5.12694	Fe6.3358	2.17557	Ft4.10	Ft4.3888	1.91122
Fe4.12055	Fe7.11616	2.17524	Ft3.701	Ft8.4980	1.91104
Fe4.13257	Fe5.8171	2.17523	Ft6.2170	Ft8.3334	1.91046
Fe4.6031	Fe4.11846	2.17515	Ft4.732	Ft8.3288	1.91035
Fe5.12933	Fe8.10960	2.17498	Ft8.1588	Ft8.4832	1.91032
Fe8.9935	Hic.scaffold.13.177	2.1747	HiC_scaffold_5_[iC_scaffold_5_18		1.91021
Fe2.3734	Fe7.2520	2.17465	Ft2.6039	Ft3.5642	1.91015
Fe4.3665	Fe6.8264	2.17445	Ft1.2693	Ft3.5208	1.91014
Fe3.12196	Fe8.9078	2.17441	Ft4.5421	Ft5.393	1.9101
Fe3.3089	Fe6.896	2.17428	Ft3.4649	Ft4.3772	1.90995
Fe7.3651	Fe8.9678	2.17423	Ft2.3039	Ft4.4095	1.90991
Fe8.5269	Fe8.9974	2.17421	Ft1.1608	Ft4.792	1.90989
Fe7.8477	Fe8.10619	2.17418	Ft2.779	Ft8.2471	1.90983
Fe2.10534	Fe4.13561	2.17412	Ft7.2036	Ft7.3413	1.90976

Fe4.1944	Fe4.3026	2.17371
Fe2.6735	Fe2.12326	2.17353
Fe2.8561	Fe8.9719	2.17334
Fe4.13879	Fe5.14494	2.17333
Fe4.1457	Fe6.2322	2.17316
Fe2.2521	Fe7.11689	2.173
Fe4.2849	Fe6.5193	2.17288
Fe3.13527	Fe8.10238	2.17271
Fe1.14370	Fe3.2129	2.17266
Fe3.9410	Fe7.8077	2.17259
Fe3.10322	Fe3.13985	2.17257
Fe3.10158	Fe7.1135	2.17251
Fe4.12246	Fe8.10310	2.17242
Fe3.13814	Fe7.11459	2.17236
Fe1.14588	Fe8.11202	2.17221
Fe1.1422	Fe7.12676	2.17218
Fe2.8933	Fe5.9735	2.17209
Fe2.3911	Fe8.5270	2.17206
Fe1.10099	Fe8.8538	2.172
Fe4.11584	Fe6.3733	2.17191
Fe2.587	Fe4.4041	2.17189
Fe3.9683	Fe6.9494	2.17189
Fe2.2307	Fe7.280	2.17187
Fe4.4972	Fe6.8047	2.17182
Fe2.2771	Fe3.7835	2.17176
Fe4.3739	Hic.scaffold.14.204	2.17165
Fe5.12340	Fe8.7697	2.17149
Fe5.6968	Fe6.5390	2.17117
Fe2.10197	Fe3.6577	2.17112
Fe1.10168	Fe2.2133	2.17109
Fe3.3990	Fe7.469	2.17094
Fe4.1731	Fe4.3096	2.17087
Fe1.2015	Fe8.11090	2.17073
Fe3.389	Fe3.3080	2.17072
Fe4.12045	Fe6.4011	2.17071
Fe4.1644	Fe5.3438	2.1705
Fe7.6295	Fe8.3289	2.17032
Fe1.4989	Fe5.2874	2.17014
Fe1.1038	Fe5.13094	2.17008
Fe7.813	Fe8.10153	2.17007
Fe4.3831	Fe6.4772	2.17003
Fe1.2227	Fe4.11581	2.16999
Fe6.2323	Fe8.11355	2.16976
Fe1.9937	Fe7.3833	2.16975
Fe1.11983	Fe7.3843	2.16971
Fe6.2615	Fe7.2559	2.16971
Fe6.6316	Fe8.9973	2.16966
Fe4.6000	Fe6.5048	2.16965
Fe8.5532	Fe8.9274	2.16938
Fe3.8641	Fe6.11340	2.16918
Fe2.8324	Fe7.10070	2.16893
Fe2.3702	Fe2.9644	2.16864
Fe2.1225	Fe3.3116	2.16856
Fe2.10197	Fe4.1731	2.16844
Fe5.10637	Fe7.407	2.16844
Ft2.3360	Ft8.3995	1.90953
Ft4.4780	HiC.scaffold.5.132	1.90942
Ft4.5451	Ft6.871	1.90931
Ft1.2093	Ft4.1815	1.90928
Ft4.2719	Ft8.2468	1.90924
Ft2.4447	Ft3.722	1.90917
Ft4.667	Ft6.1615	1.90912
Ft4.955	Ft5.1551	1.9091
Ft3.1210	Ft3.5475	1.90908
Ft5.1349	Ft6.846	1.90903
Ft3.3512	Ft7.1599	1.90887
Ft2.6598	Ft6.1611	1.90885
Ft2.2556	Ft8.1179	1.90877
Ft2.4508	Ft8.3418	1.90874
Ft2.6331	Ft4.5629	1.9087
Ft2.5682	Ft4.5875	1.90869
Ft1.1372	Ft5.1616	1.90865
Ft3.3170	Ft3.4991	1.90794
Ft2.6450	Ft3.2238	1.90792
Ft7.649	Ft7.2802	1.90756
Ft2.6011	Ft8.4229	1.90741
Ft5.721	Ft5.3010	1.90736
Ft3.3692	Ft8.2549	1.9072
Ft5.935	Ft6.2406	1.90719
Ft4.4567	Ft5.2046	1.90697
Ft2.3347	Ft3.4618	1.90685
Ft3.2801	Ft7.459	1.90683
Ft5.455	Ft5.2628	1.90662
Ft2.4596	Ft2.5385	1.90645
Ft5.1382	Ft7.5141	1.90632
Ft2.1559	Ft7.1068	1.90568
Ft2.6069	Ft3.2828	1.90546
Ft4.5622	Ft7.1014	1.90538
Ft1.2727	Ft5.405	1.90532
Ft4.2075	Ft7.3092	1.90515
Ft2.3003	Ft3.5763	1.90506
Ft1.1360	Ft5.641	1.90472
HiC_scaffold_5_3	HiC_scaffold_5_38	1.9046
Ft1.2402	Ft2.6493	1.90439
Ft3.1663	Ft6.2857	1.90427
Ft4.4173	Ft8.3913	1.90416
Ft6.95	Ft8.3834	1.90412
Ft3.5062	Ft7.4843	1.9035
Ft7.3022	Ft8.2537	1.90343
Ft4.5800	Ft5.839	1.90329
Ft3.1318	Ft8.1384	1.90327
Ft4.5629	Ft5.735	1.9031
Ft1.377	Ft8.168	1.90293
Ft7.3012	Ft8.3854	1.90284
Ft2.6500	Ft4.269	1.90252
Ft6.2213	Ft8.4153	1.90199
Ft2.6540	Ft8.3767	1.90194
Ft3.1835	Ft3.4484	1.90193
Ft4.1961	Ft7.2599	1.90187
Ft7.5033	Ft8.1700	1.90182

Fe5.11639	Fe7.857	2.16838
Fe6.6668	Fe6.8334	2.16832
Fe4.11603	Fe5.5020	2.1683
Fe1.14432	Fe5.12287	2.168
Fe1.6549	Fe2.3301	2.16765
Fe1.3157	Fe4.13615	2.16761
Fe2.359	Fe4.5081	2.16739
Fe5.1012	Fe6.2071	2.16706
Fe3.9363	Fe7.4837	2.16697
Fe2.8187	Fe4.6136	2.16667
Fe1.12365	Fe5.1268	2.16665
Fe2.1642	Fe3.5763	2.16665
Fe3.3325	Fe8.4104	2.1666
Fe2.8807	Fe8.8380	2.16655
Fe1.1057	Fe6.3293	2.1665
Fe4.11102	Fe5.10374	2.16632
Fe3.13757	Hic.scaffold.12.157	2.16628
Fe3.11842	Fe5.1797	2.16594
Fe5.1586	Fe8.7944	2.16575
Fe2.3113	Fe4.13144	2.16546
Fe6.10316	Fe7.8137	2.16536
Fe3.7066	Fe8.3474	2.16526
Fe6.3516	Fe7.13172	2.16522
Fe2.7905	Fe6.5960	2.16521
Fe6.3708	Fe7.499	2.16513
Fe2.11360	Fe3.6147	2.16475
Fe1.5349	Fe6.6135	2.16464
Fe2.4889	Fe4.7217	2.16453
Fe6.11876	Fe7.13040	2.1645
Fe5.14442	Fe6.337	2.1644
Fe1.6591	Fe3.6239	2.16434
Fe2.11331	Fe3.49	2.16409
Fe2.976	Fe8.10219	2.16394
Fe6.951	Fe8.10160	2.16387
Fe2.10410	Fe4.2227	2.16368
Fe1.8195	Fe8.5110	2.16366
Fe4.1894	Fe4.2773	2.16363
Fe5.13201	Fe7.3888	2.16363
Fe8.10695	Fe8.11325	2.1636
Fe3.1956	Fe6.2174	2.16336
Fe5.2946	Fe6.7547	2.16335
Fe4.5885	Fe6.9640	2.16328
Fe4.5613	Fe7.4631	2.16313
Fe2.2964	Hic.scaffold.9.864	2.16307
Fe1.4642	Fe6.2195	2.16299
Fe2.8561	Fe6.2420	2.16294
Fe1.6521	Fe7.516	2.16285
Fe1.9875	Fe4.7979	2.1628
Fe2.13471	Fe4.11209	2.16279
Fe5.12843	Fe5.13233	2.16245
Fe5.6155	Fe8.4076	2.16236
Fe3.8749	Fe8.1433	2.16234
Fe3.566	Fe8.11925	2.16222
Fe4.9411	Fe5.2320	2.16205
Fe5.9011	Fe5.9908	2.16199
Ft2.3838	Ft5.2891	1.90164
Ft2.2555	Ft7.1056	1.90149
Ft2.5910	Ft7.2573	1.90134
Ft2.199	Ft8.1253	1.9013
Ft3.5749	Ft4.6021	1.90099
Ft2.3045	Ft4.2076	1.90096
Ft2.2477	Ft7.1016	1.90092
Ft3.629	Ft7.3498	1.9009
Ft4.1956	Ft8.261	1.90056
Ft2.6541	Ft4.228	1.90043
Ft2.682	Ft6.2017	1.90035
Ft4.5555	Ft6.2214	1.90024
Ft3.2441	Ft4.667	1.90016
Ft2.4024	Ft7.664	1.89984
Ft4.4889	Ft7.4954	1.8998
Ft4.3727	Ft6.583	1.89979
Ft2.344	Ft2.4597	1.89977
Ft2.1512	Ft7.1170	1.89975
Ft2.910	Ft3.2560	1.89966
Ft4.5624	Ft7.3136	1.89945
Ft2.2937	Ft3.634	1.89944
Ft7.1608	Ft7.1815	1.89923
Ft3.1488	Ft3.5258	1.89913
Ft4.4094	Ft8.5195	1.89913
Ft3.2309	Ft8.301	1.899
Ft3.3287	Ft7.2956	1.89885
Ft4.2066	Ft4.2546	1.89883
Ft2.399	Ft8.4210	1.89882
Ft3.1840	Ft6.345	1.8988
Ft4.876	Ft8.1815	1.89875
Ft2.3385	Ft7.1610	1.89864
Ft3.1454	Ft3.2808	1.89844
Ft4.4372	Ft7.2002	1.89839
Ft1.2419	Ft8.4175	1.89813
Ft5.988	Ft6.2350	1.89793
Ft4.4124	Ft7.5265	1.89777
Ft5.617	Ft7.1753	1.89767
Ft2.3003	Ft3.702	1.89757
Ft7.302	Ft7.1373	1.89747
Ft7.2122	Ft8.2035	1.89742
Ft1.2785	Ft3.4577	1.89711
Ft2.5861	Ft7.4877	1.89704
Ft3.5543	Ft4.893	1.89698
Ft2.498	Ft4.3753	1.89687
Ft3.2891	Ft8.265	1.89685
Ft7.4835	Ft8.3673	1.89676
Ft2.461	Ft7.2199	1.89632
Ft2.482	Ft7.3737	1.89611
Ft4.5326	Ft7.3371	1.89606
Ft4.1103	Ft6.2213	1.89584
HiC_scaffold_5_[iC_scaffold_5_37		1.8957
Ft2.3071	Ft8.4247	1.89523
Ft3.853	Ft8.195	1.89514
Ft4.2738	Ft8.1589	1.89505
Ft2.2879	Ft4.5614	1.89492

Fe1.12095	Fe7.4918	2.16196	Ft3.576	Ft8.4470	1.8949
Fe3.2832	Fe6.1014	2.16167	Ft4.4115	Ft7.3081	1.89488
Fe2.8446	Fe5.12066	2.1616	Ft2.6638	Ft4.5977	1.89484
Fe2.110	Fe4.2955	2.16138	Ft2.4272	Ft4.3963	1.89457
Fe1.14462	Fe2.12051	2.1613	Ft3.3658	Ft7.2695	1.89439
Fe3.4579	Fe4.8932	2.16105	Ft7.2996	Ft7.3483	1.8943
Fe5.2878	Fe6.7093	2.16101	Ft3.2048	Ft7.1433	1.89427
Fe6.8060	Fe7.6683	2.16097	Ft2.4832	Ft8.2995	1.89416
Fe2.3204	Fe5.1718	2.16081	Ft3.1835	Ft4.2174	1.89411
Fe2.10726	Fe5.10850	2.16076	Ft3.917	Ft4.391	1.89387
Fe7.5898	Fe7.11467	2.16041	Ft2.6433	Ft3.177	1.89371
Fe2.659	Fe6.10468	2.16006	Ft4.74	Ft8.3856	1.89365
Fe4.9484	Fe5.8322	2.16005	Ft4.3507	Ft7.1655	1.89363
Fe3.3740	Fe4.8467	2.16001	Ft4.2694	Ft4.3846	1.89361
Fe1.2725	Fe4.11252	2.15998	Ft4.54	Ft6.2240	1.89361
Fe1.10184	Fe4.3776	2.15986	Ft1.1537	Ft6.1447	1.89355
Fe2.11442	Fe4.4934	2.15975	Ft4.2204	Ft6.2652	1.89337
Fe3.10181	Fe6.1415	2.15975	Ft1.1545	Ft3.1262	1.89333
Fe4.11027	Fe6.7709	2.1596	Ft8.3338	Ft8.4437	1.89325
Fe1.6210	Fe8.3745	2.15958	Ft2.6417	Ft7.2272	1.89311
Fe2.3601	Fe6.10667	2.15948	Ft2.180	Ft8.1638	1.89302
Fe5.2865	Fe5.13317	2.15934	Ft7.393	Ft8.5102	1.8928
Fe4.2320	Fe5.3553	2.15931	Ft7.858	Ft8.4299	1.89274
Fe1.1272	Fe2.12227	2.15923	Ft3.2879	Ft4.744	1.89273
Fe5.13101	Fe6.11049	2.15908	Ft2.1875	Ft2.6435	1.89266
Fe6.3533	Fe6.7666	2.15908	Ft4.753	Ft4.1771	1.89254
Fe2.8274	Fe2.13764	2.158	Ft3.3710	Ft4.1883	1.89243
Fe4.9353	Fe6.5989	2.15798	Ft3.2801	Ft4.1917	1.89239
Fe5.3528	Fe8.11311	2.15768	Ft6.436	Ft8.197	1.89224
Fe1.13768	Fe7.567	2.15759	Ft2.6016	Ft5.2921	1.89215
Fe1.5452	Fe7.1828	2.15743	Ft3.5764	Ft8.4536	1.89203
Fe2.8065	Fe4.12327	2.15741	Ft1.1961	Ft8.2624	1.89187
Fe4.5885	Fe6.12124	2.1571	Ft3.2465	Ft3.3288	1.89162
Fe1.12815	Fe6.3963	2.15676	Ft3.2437	Ft4.3766	1.89137
Fe2.2633	Fe5.9228	2.15667	Ft3.4096	Ft7.2036	1.89135
Fe1.9739	Fe5.12753	2.15647	Ft2.3366	Ft2.5538	1.89119
Fe3.26	Fe8.11916	2.15639	Ft3.2536	Ft4.804	1.89034
Fe1.6135	Fe6.5989	2.15627	Ft8.3712	Ft8.4508	1.89027
Fe2.12892	Fe3.9230	2.15626	Ft2.1075	Ft7.1158	1.89014
Fe1.13325	Hic.scaffold.9.358	2.15617	Ft2.2523	Ft3.4798	1.88997
Fe6.721	Hic.scaffold.11.152	2.15605	Ft3.2021	Ft6.1825	1.88986
Fe3.7276	Fe7.11598	2.15594	Ft1.2025	Ft2.677	1.88981
Fe1.8525	Fe7.3082	2.15591	Ft2.867	Ft2.6423	1.88979
Fe6.3064	Hic.scaffold.10.77	2.15583	Ft2.2651	Ft7.4087	1.88964
Fe1.9887	Fe3.5775	2.15582	Ft4.1900	Ft8.3505	1.88958
Fe3.427	Fe8.7022	2.15564	Ft1.2318	Ft5.1510	1.88936
Fe1.811	Hic.scaffold.13.200	2.15537	Ft3.3948	Ft8.2880	1.88932
Fe3.14556	Fe4.1998	2.15536	Ft6.1638	Ft8.1795	1.88914
Fe7.7202	Fe8.8160	2.15533	Ft4.839	Ft4.2570	1.88913
Fe7.1106	Fe7.3769	2.155	Ft2.1168	Ft8.3649	1.88907
Fe4.10774	Fe6.7616	2.15485	Ft2.3178	Ft7.4877	1.88902
Fe1.12508	Fe4.14215	2.15456	Ft2.393	Ft2.4525	1.889
Fe7.13082	Fe8.3488	2.1543	Ft2.2311	Ft4.4413	1.88889
Fe1.6690	Fe5.7912	2.15423	Ft5.393	Ft6.1123	1.88853
Fe7.1608	Fe8.10889	2.15402	Ft3.3226	Ft4.3395	1.88847

Fe3.12149	Hic.scaffold.11.366	2.15391
Fe3.13836	Fe7.884	2.15391
Fe2.11742	Fe4.3266	2.15373
Fe2.468	Fe8.10574	2.15369
Fe3.3617	Fe7.7149	2.15321
Fe4.1626	Fe6.12073	2.15306
Fe2.2560	Fe8.11417	2.15303
Fe2.844	Fe4.3776	2.1529
Fe2.3792	Fe2.10248	2.15276
Fe3.6199	Fe8.10849	2.15264
Fe6.2883	Hic.scaffold.10.395	2.15243
Fe6.3240	Fe6.10596	2.15222
Fe4.3797	Fe8.9233	2.15215
Fe6.4878	Fe6.5860	2.15208
Fe6.11190	Fe8.9530	2.15205
Fe1.10392	Fe2.8418	2.15193
Fe6.4820	Fe7.6232	2.15189
Fe1.8246	Fe6.7616	2.15186
Fe2.8170	Fe3.12261	2.15184
Fe2.13613	Fe8.11519	2.15164
Fe4.3665	Fe7.4260	2.15159
Fe2.10921	Fe6.3240	2.15132
Fe2.13639	Fe5.13122	2.15127
Fe3.2831	Fe6.6275	2.15122
Fe1.1562	Fe7.12641	2.15088
Fe4.13853	Fe8.11015	2.15086
Fe1.10548	Fe8.6754	2.15054
Fe1.2354	Fe5.12386	2.15034
Fe2.13909	Fe3.1332	2.15029
Fe2.2521	Fe3.13360	2.14992
Fe2.493	Fe7.9820	2.14989
Fe1.14637	Fe6.1731	2.1498
Fe4.10846	Fe6.1549	2.14976
Fe1.2597	Fe7.11455	2.14969
Fe1.14362	Fe8.11355	2.14958
Fe6.10782	Fe8.1714	2.14957
Fe7.108	Fe8.10608	2.14949
Fe4.1744	Fe6.10530	2.14948
Fe2.2807	Fe7.6307	2.14945
Fe2.11112	Fe6.10043	2.14942
Fe6.733	Fe8.9740	2.14942
Fe7.687	Fe8.7099	2.14932
Fe3.161	Fe8.9268	2.14929
Fe2.11648	Fe5.3355	2.14923
Fe5.1434	Fe7.687	2.14916
Fe3.10403	Fe7.11516	2.14908
Fe3.3080	Fe7.8875	2.14902
Fe1.7933	Fe6.9201	2.14891
Fe3.12324	Fe4.6468	2.1489
Fe1.3793	Fe3.5975	2.14861
Fe1.4703	Fe8.4201	2.14851
Fe2.13829	Fe8.12061	2.14849
Fe2.8505	Fe2.10328	2.14846
Fe6.737	Fe8.11805	2.14832
Fe2.10248	Fe5.9748	2.14826
Ft3.2811	Ft7.3013	1.88841
Ft4.3942	Ft5.389	1.88819
Ft3.339	Ft8.4471	1.88806
Ft2.4100	Ft3.450	1.88789
Ft2.2030	Ft4.1182	1.88785
Ft1.521	Ft5.239	1.88784
Ft7.3731	Ft8.2581	1.8877
Ft1.1480	Ft1.2763	1.88766
Ft6.3358	Ft7.2760	1.88762
Ft3.2465	Ft6.2430	1.8871
Ft7.4087	Ft8.340	1.88707
Ft2.6047	Ft5.337	1.88702
Ft6.1341	Ft8.3358	1.88701
Ft3.1333	Ft8.2783	1.88638
Ft6.1939	Ft7.1489	1.8862
Ft2.942	Ft7.4808	1.88584
Ft2.961	Ft7.2377	1.88518
Ft2.180	Ft7.4906	1.88466
Ft2.2996	Ft5.1515	1.88466
Ft7.1087	Ft7.3146	1.88464
Ft2.4650	Ft8.1534	1.88447
Ft2.5058	Ft4.4228	1.88419
Ft5.389	Ft7.4834	1.88411
Ft2.4327	Ft3.4973	1.88385
Ft3.1338	Ft4.5408	1.88345
Ft2.2547	Ft8.1183	1.88321
Ft4.5599	Ft8.5120	1.88303
Ft3.2826	Ft8.3977	1.88302
Ft8.3623	Ft8.4252	1.88295
Ft2.5200	Ft4.5095	1.88283
Ft2.3292	Ft8.4047	1.88258
Ft5.1395	Ft8.4030	1.8824
Ft2.6408	Ft3.3287	1.88223
Ft4.829	HiC.scaffold.5.292	1.88219
Ft3.1745	Ft3.2722	1.88202
Ft2.3057	Ft3.5705	1.88199
Ft3.2255	Ft7.3441	1.88168
Ft2.744	Ft4.3358	1.88148
Ft3.1907	Ft4.1191	1.88133
Ft1.472	Ft3.2614	1.88131
Ft2.5213	Ft4.5024	1.88126
Ft5.2098	Ft7.3756	1.8812
Ft3.5519	Ft5.2949	1.88093
Ft3.1247	Ft3.1861	1.88078
Ft3.2465	Ft8.2794	1.88078
Ft2.908	Ft8.3840	1.88074
Ft4.4303	Ft5.453	1.88062
Ft3.879	Ft8.4852	1.88028
HiC_scaffold_5_	iC_scaffold_5_29	1.88028
Ft2.1981	Ft7.2866	1.88016
Ft2.6060	Ft3.5567	1.87989
Ft3.1264	Ft8.169	1.87988
Ft2.4553	Ft8.2782	1.87987
Ft2.721	Ft8.2370	1.87953
Ft1.377	Ft2.6059	1.87931

Fe4.7855	Fe7.8090	2.14823	Ft2.5061	Ft4.4226	1.87913
Fe4.521	Fe8.8015	2.14818	Ft2.1872	Ft2.2483	1.87898
Fe3.10748	Fe7.3803	2.14809	Ft3.1564	Ft8.271	1.87896
Fe4.3471	Fe7.7184	2.14809	Ft2.2984	Ft7.2094	1.87894
Fe2.5842	Fe8.7358	2.14808	Ft2.5385	Ft4.753	1.87894
Fe3.14027	Fe8.3656	2.1479	Ft2.2477	Ft8.1305	1.87872
Fe2.11122	Fe3.13836	2.14762	Ft4.5416	Ft5.380	1.87842
Fe3.2864	Fe6.4820	2.14759	Ft3.1426	Ft4.885	1.87833
Fe2.8802	Fe7.6511	2.14757	Ft5.2219	Ft7.3635	1.87823
Fe1.5023	Fe4.1539	2.14754	Ft7.2942	Ft7.3251	1.8781
Fe3.11886	Fe8.10902	2.14753	Ft6.2860	Ft8.3843	1.87806
Fe2.2478	Fe8.1049	2.14741	Ft2.3414	Ft8.3708	1.87784
Fe1.4989	Fe8.9047	2.14735	Ft2.5527	Ft8.3996	1.87748
Fe1.8213	Fe4.7968	2.14731	Ft2.3840	Ft2.5148	1.8774
Fe4.3655	Fe8.9990	2.14721	Ft1.1669	Ft8.3714	1.87718
Fe7.420	Fe8.10860	2.1472	Ft3.1445	Ft4.3939	1.87708
Fe4.11183	Fe6.10760	2.14707	Ft3.1380	Ft8.1638	1.87695
Fe3.10198	Fe4.6106	2.14674	Ft2.481	Ft8.665	1.87693
Fe6.5177	Fe6.9324	2.14665	Ft2.6076	Ft8.525	1.87665
Fe1.9073	Fe3.9363	2.14661	Ft2.525	Ft8.1917	1.87663
Fe2.10262	Fe4.11138	2.1466	Ft2.3973	Ft7.3022	1.87661
Fe3.8749	Fe5.6792	2.14659	Ft2.2925	Ft7.3413	1.87645
Fe5.7724	Fe6.5915	2.14649	Ft2.4124	Ft3.5568	1.87643
Fe4.9448	Fe6.2769	2.14647	Ft4.3577	Ft7.434	1.87642
Fe3.12353	Fe5.3527	2.14644	Ft2.5231	Ft7.4681	1.87638
Fe3.1066	Fe8.7066	2.14642	Ft2.5384	Ft6.1816	1.87611
Fe3.9792	Fe5.8379	2.14634	Ft1.183	Ft1.2632	1.87599
Fe1.9287	Fe7.3807	2.14627	Ft4.1938	Ft8.307	1.87593
Fe2.7473	Fe6.3984	2.14621	Ft2.671	Ft8.746	1.87571
Fe2.10823	Fe2.13407	2.14615	Ft2.2847	Ft4.5892	1.87567
Fe3.4081	Fe8.11894	2.14611	Ft2.367	Ft4.6207	1.87567
Fe2.1135	Fe3.3348	2.14608	Ft5.813	Ft7.2439	1.87543
Fe2.12225	Fe4.10172	2.14607	Ft1.444	Ft1.2827	1.87527
Fe5.4185	Fe7.6653	2.14597	Ft2.6317	Ft4.5640	1.87502
Fe2.3204	Hic.scaffold.9.268	2.14592	Ft7.3498	Ft8.2875	1.87489
Fe3.13527	Fe8.10138	2.14592	Ft2.4252	Ft8.5176	1.87485
Fe3.5823	Fe8.7794	2.14588	Ft4.5914	Ft6.2125	1.87445
Fe6.9494	Fe8.9678	2.14586	Ft2.692	Ft4.3471	1.87444
Fe3.7040	Fe5.6676	2.14584	Ft1.1680	Ft5.1978	1.87426
Fe3.7455	Fe5.11737	2.14572	Ft1.2003	Ft4.1674	1.87414
Fe2.13221	Fe8.10895	2.14554	Ft7.2232	Ft8.40	1.87401
Fe1.13145	Fe4.3970	2.14545	Ft4.1938	Ft7.1669	1.87394
Fe5.8491	Fe7.9852	2.14536	Ft2.6491	Ft5.3061	1.87386
Fe1.11237	Fe4.6342	2.14535	Ft2.530	Ft7.2810	1.87368
Fe4.5622	Fe5.7578	2.14525	Ft2.371	Ft8.562	1.8736
Fe8.8513	Fe8.10253	2.1452	Ft3.1406	Ft7.2087	1.87341
Fe1.10460	Fe4.3037	2.14516	Ft1.2367	Ft5.2885	1.87338
Fe4.13743	Fe8.11444	2.1451	Ft4.786	Ft7.4781	1.87329
Fe1.2284	Fe3.4098	2.14497	Ft4.5556	Ft5.661	1.87325
Fe2.11442	Fe4.13344	2.14488	Ft3.1398	Ft8.3381	1.87314
Fe3.9363	Fe7.3558	2.14449	Ft5.1077	Ft6.2756	1.87312
Fe5.2623	Fe6.11634	2.14432	Ft4.2208	Ft8.5174	1.87307
Fe2.9414	Fe7.11467	2.1442	Ft2.3821	Ft2.4227	1.87263
Fe7.8523	Fe8.5754	2.14419	Ft3.1356	Ft8.807	1.87252
Fe6.6229	Fe7.4972	2.14415	Ft2.6429	Ft4.146	1.87195

Fe2.11709	Fe6.3696	2.14394	Ft2.6127	Ft7.3427	1.87194
Fe2.8166	Fe6.2865	2.14376	Ft3.3691	Ft8.3216	1.87193
Fe1.1562	Hic.scaffold.13.232	2.14368	Ft6.2467	Ft8.1318	1.87191
Fe2.11442	Fe3.67	2.1435	Ft2.1761	Ft7.1669	1.8719
Fe2.11621	Fe8.7150	2.14327	Ft7.3036	Ft7.3930	1.87184
Fe2.9544	Fe3.10945	2.14323	Ft4.2581	Ft6.2720	1.87177
Fe2.13794	Fe8.11281	2.1432	Ft2.5705	Ft7.2993	1.87157
Fe7.1635	Fe7.4261	2.14319	Ft3.1835	Ft4.819	1.87135
Fe1.7207	Fe4.8388	2.14317	Ft5.1882	Ft7.815	1.87129
Fe1.7329	Fe2.7678	2.14314	Ft1.373	Ft6.100	1.87111
Fe3.11948	Hic.scaffold.10.122	2.14313	Ft1.1683	Ft5.1161	1.87107
Fe2.8611	Hic.scaffold.9.723	2.14298	Ft3.4183	Ft8.1559	1.87083
Fe2.11081	Fe7.11467	2.14297	Ft3.3692	Ft8.798	1.87056
Fe6.2996	Fe6.9324	2.14267	Ft3.1022	Ft8.2737	1.87043
Fe2.4922	Fe3.8565	2.14256	Ft1.2710	Ft6.870	1.87041
Fe4.10115	Fe8.2179	2.14242	Ft2.3354	Ft4.5567	1.87034
Fe2.2307	Fe3.10539	2.14218	Ft4.2282	Ft8.307	1.87026
Fe2.844	Fe6.5989	2.1421	Ft2.4790	Ft7.4623	1.87021
Fe2.10558	Fe4.6031	2.14193	Ft7.1094	Ft7.1948	1.87017
Fe6.5336	Fe7.6295	2.14181	Ft2.5145	Ft2.6127	1.86999
Fe4.9259	Fe5.13050	2.1418	Ft7.4955	Ft8.5195	1.86998
Fe1.568	Fe5.13742	2.14161	Ft4.1061	Ft6.942	1.86971
Fe3.8565	Fe5.4944	2.14152	Ft2.2523	Ft7.5031	1.86964
Fe4.5232	Fe8.9530	2.1415	Ft7.2228	Ft8.34	1.86961
Fe2.3817	Fe6.3212	2.14148	Ft5.508	Ft7.5141	1.86953
Fe2.11792	Fe4.14250	2.14101	Ft4.1653	Ft8.300	1.86917
Fe5.12087	Fe7.8390	2.14096	Ft2.5906	Ft4.4857	1.8691
Fe2.10197	Fe4.3115	2.14094	Ft2.840	Ft3.1583	1.86894
Fe2.8561	Fe6.11178	2.14093	Ft2.5166	Ft2.6059	1.86874
Fe1.12165	Fe2.4833	2.14089	Ft4.2056	Ft8.2353	1.86864
Fe5.2581	Fe6.6339	2.14086	Ft2.5918	Ft4.5650	1.86863
Fe3.466	Fe8.11320	2.14075	Ft4.5927	Ft8.3995	1.8685
Fe1.2375	Fe1.4197	2.14067	Ft4.114	Ft8.5069	1.86835
Fe3.4757	Fe6.7046	2.14052	Ft3.666	Ft3.2029	1.868
Fe2.13723	Fe5.9445	2.14037	Ft2.5214	Ft3.2811	1.86796
Fe3.388	Fe3.2542	2.14031	Ft1.1522	Ft5.380	1.86783
Fe7.3967	Fe8.9825	2.14026	Ft1.2741	Ft8.424	1.86779
Fe2.8201	Fe2.10828	2.1402	Ft2.4959	Ft6.3026	1.86767
Fe2.9323	Fe8.11075	2.14016	Ft3.2838	Ft8.1610	1.86748
Fe4.8299	Fe5.5020	2.13999	Ft4.3177	Ft7.1557	1.86719
Fe5.960	Fe6.11694	2.13974	Ft6.2860	Ft6.3333	1.86716
Fe3.8655	Fe3.12055	2.13956	Ft6.2389	Ft8.3771	1.86715
Fe3.4689	Fe4.3760	2.1395	Ft1.2342	Ft3.1785	1.867
Fe8.10986	Hic.scaffold.9.52	2.13929	Ft1.1680	Ft4.1885	1.86698
Fe2.10887	Fe5.14513	2.13923	Ft2.394	Ft5.389	1.86695
Fe6.10795	Fe7.4431	2.13899	Ft1.2372	Ft4.5491	1.86684
Fe3.836	Fe6.10249	2.13887	Ft3.798	Ft8.3015	1.86666
Fe2.13982	Fe3.10063	2.13869	Ft1.2478	Ft8.3437	1.86664
Fe2.11533	Fe4.13258	2.1386	Ft7.3028	Ft8.3372	1.8666
Fe3.9225	Fe4.10759	2.1386	Ft4.3428	Ft6.1763	1.86629
Fe7.1592	Fe8.9772	2.13857	Ft3.3466	Ft8.1221	1.86603
Fe1.5652	Fe4.3884	2.13799	Ft1.2637	Ft4.911	1.86557
Fe4.5343	Fe4.13628	2.13792	Ft3.4096	Ft7.1722	1.86553
Fe2.635	Fe8.10875	2.13784	Ft4.6078	Ft8.3258	1.86543
Fe1.9303	Fe4.5702	2.1378	Ft8.294	Ft8.3930	1.86528

Fe1.7880	Fe1.13961	2.13776	Ft3.5763	Ft8.4538	1.86514
Fe5.7337	Fe7.3558	2.1376	Ft4.480	Ft7.1009	1.86509
Fe2.13879	Fe7.2448	2.13757	HiC_scaffold_5_1	liC_scaffold_5_40	1.86472
Fe5.10636	Fe7.2293	2.13756	Ft4.1883	Ft7.2199	1.86452
Fe5.8373	Fe6.5915	2.13744	Ft5.2137	Ft7.3710	1.86429
Fe2.4922	Fe3.5714	2.13742	Ft3.1071	Ft4.5476	1.86427
Fe1.7569	Fe1.10939	2.13733	Ft2.754	Ft8.2460	1.86424
Fe2.8703	Fe5.10625	2.1373	Ft2.6469	Ft8.2915	1.86418
Fe3.4388	Fe7.3714	2.13717	Ft5.374	Ft5.641	1.86417
Fe2.4889	Fe5.13419	2.13706	Ft2.1843	Ft2.6455	1.86416
Fe6.6205	Fe7.1094	2.13703	Ft1.67	Ft3.1030	1.86413
Fe2.587	Fe6.8013	2.13651	Ft3.4201	Ft8.307	1.86407
Fe5.5956	Fe6.5616	2.1364	Ft1.318	Ft6.918	1.86367
Fe6.2790	Hic.scaffold.9.212	2.13632	Ft3.1333	Ft6.1478	1.86331
Fe2.4790	Fe8.3444	2.13627	Ft6.978	Ft6.1939	1.86329
Fe1.9278	Fe2.8440	2.13614	Ft2.3530	Ft3.2781	1.86299
Fe5.12051	Fe8.10084	2.136	Ft1.371	Ft2.6055	1.86288
Fe3.2864	Fe3.11785	2.13594	Ft4.1074	Ft6.952	1.86282
Fe5.112	Fe5.12992	2.13585	Ft4.4994	Ft6.3279	1.86277
Fe2.11424	Hic.scaffold.12.244	2.13575	Ft4.1016	Ft6.883	1.86276
Fe1.3302	Fe3.1418	2.13533	Ft2.6021	Ft8.3160	1.86238
Fe7.1226	Fe8.10124	2.13533	Ft8.3510	Ft8.5114	1.8622
Fe2.2633	Fe7.6013	2.1351	Ft6.757	Ft7.4990	1.86212
Fe3.11108	Fe5.4722	2.13503	Ft3.1398	Ft4.4283	1.86164
Fe3.13757	Fe5.1151	2.13485	Ft3.1583	Ft8.1091	1.86147
Fe5.3903	Fe6.4154	2.13477	Ft2.284	Ft2.889	1.86138
Fe3.3586	Fe8.7215	2.1344	Ft6.2184	Ft8.3327	1.86128
Fe5.14464	Fe6.11361	2.13429	Ft2.2877	Ft6.2876	1.86122
Fe4.1868	Fe4.11895	2.13422	Ft1.377	Ft8.2398	1.86112
Fe2.3884	Fe6.12074	2.1342	Ft2.3632	Ft3.5277	1.86089
Fe3.7896	Fe7.2526	2.13419	Ft3.4214	Ft7.459	1.85966
Fe1.7180	Fe6.5249	2.13356	Ft3.883	Ft8.4880	1.85958
Fe1.3662	Fe6.9185	2.13348	Ft4.180	Ft8.3718	1.85953
Fe2.3435	Fe7.4232	2.1333	Ft3.1862	Ft6.342	1.85936
Fe6.9484	Fe7.6232	2.13326	Ft4.1897	Ft8.2482	1.85934
Fe3.2832	Fe4.14575	2.13318	Ft2.2651	Ft3.913	1.85933
Fe1.6304	Fe4.8284	2.13311	Ft3.5043	Ft7.1265	1.85898
Fe3.1757	Fe7.137	2.13308	Ft2.3693	Ft8.1886	1.85886
Fe6.2195	Fe6.6120	2.13285	Ft1.1771	Ft1.2645	1.85833
Fe4.13344	Fe8.7099	2.13271	Ft4.4205	Ft8.3878	1.85831
Fe4.2979	Fe7.11404	2.13269	Ft7.2540	Ft8.271	1.85811
Fe3.4793	Fe4.11027	2.13256	Ft2.284	Ft6.1552	1.85779
Fe4.9693	Fe5.8839	2.13247	Ft4.1731	Ft7.2058	1.85766
Fe5.498	Fe6.1273	2.13245	Ft4.5263	Ft6.3377	1.85749
Fe3.3081	Fe8.10124	2.13224	Ft2.6069	Ft3.913	1.85742
Fe3.13866	Fe4.3155	2.13222	Ft4.4668	Ft7.3503	1.8573
Fe1.994	Fe1.11234	2.13201	Ft3.1835	Ft8.1835	1.85716
Fe3.5641	Fe3.9856	2.13187	Ft2.4650	Ft7.1094	1.85647
Fe2.529	Fe4.13033	2.13176	Ft2.6024	Ft7.5229	1.85634
Fe3.1118	Fe6.11725	2.13173	Ft4.1630	Ft4.3545	1.85633
Fe5.9024	Fe6.4467	2.13131	Ft4.181	Ft8.3722	1.85629
Fe1.11231	Fe4.487	2.13125	Ft4.1983	Ft8.573	1.85628
Hic.scaffold.11.303	Hic.scaffold.9.521	2.13109	Ft1.2711	Ft3.433	1.85604
Fe6.9494	Fe7.3896	2.13103	Ft4.2756	Ft4.3776	1.85572
Fe4.3949	Fe8.666	2.13101	Ft4.3916	Ft5.1594	1.85571

Fe1.551	Fe5.13676	2.13096	Ft3.2529	Ft7.2891	1.85521
Fe7.2692	Fe7.5939	2.13088	Ft2.3614	Ft3.2880	1.85489
Fe3.261	Fe7.4261	2.13027	Ft7.1236	Ft7.1608	1.85481
Fe5.6676	Fe6.5193	2.13013	Ft4.3816	Ft7.1608	1.85473
Fe3.13825	Fe5.3095	2.12984	Ft2.3062	Ft3.3034	1.85471
Fe3.2961	Fe4.8339	2.1297	Ft2.5347	Ft3.5475	1.85467
Fe2.12326	Fe6.10923	2.12953	Ft2.2558	Ft2.5892	1.85461
Fe4.915	Fe4.12518	2.12937	Ft2.4478	Ft7.5143	1.85461
Fe1.13171	Fe6.3614	2.1288	Ft4.186	Ft8.4793	1.85457
Fe5.6169	Fe7.3633	2.1288	Ft2.6099	Ft7.475	1.85451
Fe3.4601	Fe7.7422	2.12877	Ft2.4916	Ft8.4881	1.8544
Fe3.12283	Fe4.6220	2.1286	Ft3.3673	Ft7.2873	1.85438
Fe2.3817	Fe5.10850	2.12858	Ft1.1207	Ft7.3473	1.85437
Fe2.11243	Fe7.2660	2.12841	Ft7.5014	Ft8.1208	1.85434
Fe5.8308	Fe8.11562	2.12837	Ft3.3658	Ft8.2550	1.85428
Fe4.1514	Fe8.10679	2.12834	Ft1.2690	Ft8.355	1.85411
Fe5.6169	Fe6.12154	2.12828	Ft1.40	Ft1.988	1.85404
Fe1.10142	Fe3.13894	2.12813	Ft2.2238	Ft3.2936	1.85396
Fe6.6106	Fe6.10064	2.12812	Ft7.3478	Ft8.4437	1.85393
Fe3.173	Fe5.14507	2.1281	Ft2.4496	Ft7.4954	1.85385
Fe3.839	Fe8.6767	2.12793	Ft5.2075	Ft7.3798	1.85381
Fe4.3760	Fe7.4295	2.12763	Ft3.4712	Ft5.1011	1.85366
Fe5.11870	Hic.scaffold.9.385	2.12758	Ft4.5806	Ft7.4698	1.85361
Fe1.7074	Fe5.6047	2.12748	Ft3.4798	Ft7.5134	1.85343
Fe2.28	Fe6.98	2.12748	Ft2.2856	Ft7.1209	1.85322
Fe1.13317	Hic.scaffold.9.486	2.12733	Ft2.1009	Ft4.2181	1.85266
Fe1.1452	Fe6.3641	2.1272	Ft7.4023	Ft8.2960	1.8526
Fe5.3876	Fe5.10685	2.1272	Ft1.2879	Ft8.2598	1.85255
Fe4.3797	Fe7.817	2.12703	Ft2.2359	Ft7.1599	1.85249
Fe1.2244	Fe4.2989	2.12698	Ft5.1687	Ft6.187	1.85247
Fe2.11940	Fe3.14022	2.12678	Ft3.5595	Ft4.4941	1.85231
Fe2.12806	Fe3.13962	2.12667	Ft3.165	Ft6.2142	1.8521
Fe3.9225	Fe4.597	2.12665	Ft2.4227	Ft3.4804	1.85209
Fe1.14239	Fe5.3608	2.12662	Ft8.2906	Ft8.4315	1.85202
Fe2.4628	Fe3.3551	2.12635	Ft1.600	Ft4.2484	1.85169
Fe2.560	Fe5.3527	2.12635	Ft2.5352	Ft3.5472	1.8516
Fe1.13262	Fe3.2895	2.12631	Ft5.241	Ft6.1537	1.85132
Fe2.11424	Fe5.13104	2.1261	Ft2.2530	Ft7.492	1.85109
Fe1.13250	Fe8.10917	2.12599	Ft2.4329	Ft3.4770	1.85088
Fe1.128	Fe3.84	2.12594	Ft2.5759	Ft4.5497	1.85084
Fe5.7762	Fe6.6316	2.12573	Ft2.1111	Ft5.719	1.85063
Fe7.3271	Fe8.3743	2.12561	Ft3.1867	Ft6.1019	1.85062
Fe2.8280	Fe3.386	2.12551	Ft2.6073	Ft5.1369	1.85055
Fe1.1149	Fe6.3012	2.12547	Ft3.5043	Ft8.2580	1.85055
Fe2.1094	Fe3.3374	2.12547	Ft2.4615	Ft6.3279	1.85054
Fe3.2154	Fe8.9851	2.12542	Ft3.826	Ft3.5091	1.85054
Fe2.13206	Fe2.13619	2.12541	Ft6.577	Ft8.1946	1.85033
Fe1.2342	Fe8.4104	2.12509	Ft1.282	Ft1.1506	1.85013
Fe2.2249	Fe4.884	2.12507	Ft4.159	Ft8.3674	1.84976
Fe8.10942	Hic.scaffold.13.179	2.12501	Ft3.3226	Ft7.4781	1.84936
Fe4.9297	Fe5.13030	2.12496	Ft4.343	Ft4.5614	1.84909
Fe2.10339	Fe3.11950	2.12489	Ft2.6455	Ft3.1835	1.84904
Fe4.10101	Fe8.7737	2.12461	Ft5.70	Ft5.404	1.84896
Fe7.1457	Fe8.10671	2.12454	Ft4.5920	Ft8.3985	1.84895
Fe1.1468	Fe1.12977	2.12424	Ft1.399	Ft4.5629	1.84884

Fe3.9804	Fe5.12749	2.12423	Ft5.2030	Ft7.5210	1.84881
Fe2.3539	Fe2.8039	2.1242	Ft5.1698	Ft7.3092	1.84827
Fe3.9013	Fe4.12535	2.1242	Ft2.4637	Ft4.1431	1.84794
Fe2.4274	Fe4.3884	2.12389	Ft3.2028	Ft4.3108	1.84794
Fe2.8697	Fe4.6127	2.1237	Ft2.6173	Ft2.6513	1.84793
Fe2.11825	Fe7.1871	2.12356	Ft6.1995	Ft8.121	1.8479
Fe2.8594	Fe7.6108	2.12354	Ft2.1384	Ft3.3392	1.84786
Fe6.9908	Fe6.12295	2.12348	Ft3.2740	Ft4.1199	1.84777
Fe2.11538	Fe4.13215	2.12335	Ft6.747	Ft8.4845	1.84756
Fe4.3348	Fe7.8473	2.12335	Ft2.4329	Ft4.3847	1.84754
Fe1.14503	Fe3.406	2.12314	Ft1.2303	Ft2.6275	1.8474
Fe2.10739	Fe6.1247	2.12296	Ft1.2839	Ft7.3492	1.84728
Fe7.7153	Fe8.6907	2.12279	Ft3.5518	Ft8.4330	1.84724
Fe3.2044	Fe6.11083	2.12272	Ft4.2115	Ft4.2466	1.84714
Fe7.1738	Fe8.10806	2.12243	Ft3.3766	Ft8.225	1.84674
Fe3.1133	Fe4.13808	2.12242	Ft2.2376	Ft7.3369	1.84652
Fe5.11639	Fe8.8635	2.1224	Ft7.4744	Ft8.174	1.84651
Fe1.4985	Fe4.12276	2.12226	Ft8.3482	Ft8.5110	1.84649
Fe5.1300	Fe7.338	2.12221	Ft7.893	Ft8.271	1.84635
Fe5.9989	Fe6.10560	2.12217	Ft1.2660	Ft2.3865	1.846
Fe1.13271	Fe5.12260	2.12205	Ft7.706	Ft8.2966	1.84575
Fe3.9933	Fe5.2865	2.12178	Ft2.830	Ft4.2552	1.84567
Fe1.12784	Fe4.12700	2.12172	Ft4.1938	Ft8.4000	1.84563
Fe6.860	Fe8.9958	2.12172	Ft5.2865	Ft7.4231	1.84527
Fe4.6000	Fe6.4603	2.12168	Ft6.3345	Ft8.1324	1.84502
Fe6.9666	Fe7.798	2.12156	Ft4.1952	Ft8.571	1.84473
Fe4.3760	Fe8.1555	2.12146	Ft2.6561	Ft3.1030	1.8445
Fe4.2989	Fe6.2174	2.12102	Ft3.5513	Ft8.3004	1.84432
Fe3.4689	Fe6.5458	2.12093	Ft2.4567	Ft3.1756	1.84429
Fe5.974	Fe6.11970	2.12085	Ft3.5722	Ft4.6000	1.84409
Fe3.4577	Fe5.13008	2.12072	Ft3.299	Ft8.2273	1.84392
Fe5.8839	Fe7.12145	2.12066	Ft2.1054	Ft8.4237	1.84371
Fe2.10352	Fe6.11395	2.12065	Ft4.5476	Ft8.1227	1.84368
Fe2.8807	Fe4.11874	2.12061	Ft2.904	Ft3.2035	1.84366
Fe4.3831	Fe7.451	2.12059	Ft3.600	Ft4.5506	1.84358
Fe6.10224	Fe8.3548	2.12059	Ft1.2231	Ft5.1382	1.84325
Fe4.762	Fe5.3604	2.12054	Ft7.3369	Ft7.4708	1.84319
Fe5.8034	Fe6.11374	2.12051	Ft1.315	Ft1.2320	1.8429
Fe4.3797	Hic.scaffold.9.411	2.12037	Ft6.680	Ft8.304	1.84232
Fe1.14239	Fe3.2154	2.12031	Ft3.1288	Ft8.537	1.84211
Fe2.11768	Fe3.502	2.12005	Ft1.343	Ft2.1183	1.84203
Fe3.55	Fe7.4204	2.12001	Ft2.399	Ft4.5333	1.84149
Fe1.11983	Fe7.3696	2.11984	Ft5.844	Ft7.3009	1.84122
Fe1.2586	Fe1.6549	2.11981	Ft3.878	Ft3.1976	1.84121
Fe3.5420	Fe8.4427	2.11981	Ft3.5121	Ft8.4685	1.84077
Fe1.4327	Fe3.7667	2.11956	Ft4.4709	Ft4.4873	1.84073
Fe3.11944	Fe7.6337	2.11938	Ft1.685	Ft5.2615	1.84071
Fe6.1209	Fe7.11616	2.11937	Ft2.961	Ft4.2850	1.84029
Fe2.13879	Fe8.9724	2.1187	Ft2.3092	Ft8.1284	1.83882
Fe2.10363	Fe3.5610	2.1185	Ft8.2426	Ft8.4822	1.83873
Fe3.10539	Fe8.8172	2.11848	Ft6.1868	Ft8.3643	1.83864
Fe1.10489	Fe6.10368	2.11838	Ft2.4503	Ft7.3052	1.83843
Fe1.13452	Hic.scaffold.9.950	2.11836	Ft2.2692	Ft2.3062	1.83781
Fe3.4280	Fe6.5733	2.11836	Ft3.2365	Ft7.4965	1.83779
Fe2.10285	Fe4.1965	2.1183	Ft3.1338	Ft7.4603	1.83773

Fe5.14485	Fe7.2573	2.11824
Fe4.1868	Fe6.11694	2.11811
Fe7.1159	Fe7.12717	2.11811
Fe6.9188	Fe6.9640	2.1181
Fe3.8743	Fe5.10850	2.11782
Fe2.8018	Fe3.12008	2.11772
Fe7.3032	Fe8.9988	2.11766
Fe2.11198	Fe5.9102	2.1175
Fe4.5232	Fe5.2666	2.11749
Fe4.12154	Fe6.1803	2.1174
Fe4.11557	Fe6.6006	2.11738
Fe4.4044	Fe8.10860	2.11726
Fe3.4697	Fe7.6026	2.11706
Fe5.6674	Fe6.6856	2.11705
Fe3.8400	Fe8.589	2.11701
Fe6.8100	Fe8.11206	2.1168
Fe1.8246	Fe4.9906	2.11662
Fe7.2983	Fe7.5125	2.11647
Fe2.11861	Hic.scaffold.9.314	2.11617
Fe5.11064	Fe6.2269	2.11615
Fe6.5177	Fe7.8137	2.11608
Fe1.1888	Fe6.3796	2.11594
Fe2.8359	Fe3.1676	2.11589
Fe2.4702	Fe7.4837	2.11586
Fe4.849	Fe8.10878	2.11571
Fe2.11307	Fe5.12964	2.11559
Fe2.12201	Fe7.807	2.11537
Fe5.13419	Fe7.6337	2.11536
Fe4.2998	Fe8.10651	2.11535
Fe1.1346	Fe1.4782	2.11514
Fe1.10785	Fe7.4261	2.11504
Fe8.1042	Fe8.5198	2.11504
Fe3.8580	Fe3.12000	2.11466
Fe5.4791	Fe6.5342	2.11438
Fe2.3872	Fe6.1869	2.11434
Fe4.6106	Fe5.1189	2.11415
Fe2.10588	Fe8.9626	2.11366
Fe2.9547	Fe2.13367	2.1134
Fe1.14315	Fe5.3514	2.11337
Fe4.3588	Fe6.2885	2.11323
Fe4.3961	Fe8.456	2.11321
Fe4.8749	Fe7.11728	2.11316
Fe2.4768	Fe3.7080	2.11283
Fe4.6967	Fe6.8368	2.11277
Fe6.7709	Fe6.9484	2.11255
Fe2.9517	Fe5.2888	2.11234
Fe3.4102	Fe4.3851	2.11223
Fe5.12844	Fe6.11623	2.11221
Fe1.10344	Fe6.9795	2.11195
Fe2.3301	Fe7.13000	2.11194
Fe2.10841	Fe2.12946	2.1118
Fe3.13624	Fe5.12923	2.11174
Fe1.10967	Fe3.3367	2.11172
Fe2.10592	Fe6.9328	2.11168
Fe1.4918	Fe1.12244	2.11166
Ft4.5817	Ft8.4622	1.83769
Ft2.6199	Ft8.2915	1.83765
Ft4.3322	Ft7.3503	1.83761
Ft1.2411	Ft2.3819	1.83757
Ft8.1615	Ft8.1789	1.83754
Ft2.4289	Ft2.4624	1.83734
Ft1.377	Ft4.1103	1.83691
Ft2.6594	Ft7.4906	1.83683
Ft2.3828	Ft6.1376	1.83678
Ft3.97	Ft6.2145	1.83668
Ft2.2203	Ft3.5348	1.83666
Ft2.1141	Ft2.3423	1.8366
Ft1.2387	Ft2.6273	1.83646
Ft2.6585	Ft4.6042	1.8364
Ft2.5666	Ft4.5650	1.83611
Ft3.5689	Ft5.1492	1.83567
Ft3.2467	Ft8.4901	1.83538
Ft4.3041	Ft7.1395	1.83525
Ft2.840	Ft3.1060	1.83523
Ft4.4340	Ft8.307	1.8349
Ft3.1356	Ft4.1665	1.83474
Ft3.2483	Ft4.3851	1.83462
Ft2.3412	Ft6.864	1.8345
Ft2.3694	Ft8.1889	1.83443
Ft5.470	Ft8.1321	1.8342
Ft1.2676	Ft6.3333	1.83419
Ft3.424	Ft3.1220	1.83389
Ft3.643	Ft6.683	1.83368
Ft1.447	Ft1.2829	1.83348
Ft2.3764	Ft2.5384	1.83325
Ft1.2586	Ft2.6630	1.8331
Ft2.438	Ft6.2645	1.83297
Ft2.4508	Ft3.2777	1.83294
Ft5.231	Ft6.2002	1.83286
Ft1.309	Ft4.1020	1.83254
Ft7.377	Ft7.1522	1.83247
HiC_scaffold_5_1	iC_scaffold_5_40	1.83243
Ft1.1224	Ft2.3838	1.83242
HiC_scaffold_5_	iC_scaffold_5_39	1.83234
Ft2.3368	Ft4.5917	1.83231
Ft1.972	Ft5.721	1.83219
Ft2.3971	Ft2.6067	1.83217
Ft4.98	Ft7.3094	1.83163
Ft1.2402	Ft7.996	1.83125
Ft2.2856	Ft4.5409	1.83112
Ft3.1262	Ft4.4064	1.83102
Ft2.2672	Ft8.1805	1.83076
Ft4.2056	Ft4.2157	1.83051
Ft2.4176	Ft6.1397	1.83035
Ft2.6534	Ft5.724	1.83031
Ft2.2713	Ft7.2058	1.83022
Ft3.736	Ft3.1642	1.83
Ft7.4684	Ft8.359	1.82989
Ft7.461	Ft8.2452	1.82983
Ft2.6101	Ft2.6458	1.82971

Fe6.4552	Fe6.11267	2.11166	Ft3.590	Ft4.1938	1.82963
Fe2.4406	Fe4.9693	2.11118	Ft4.313	Ft8.3533	1.8296
Fe1.2538	Fe3.5063	2.11115	Ft7.3478	Ft8.3496	1.82936
Fe5.9051	Fe6.5960	2.11109	Ft2.461	Ft7.1096	1.82919
Fe4.8496	Fe5.8322	2.11099	Ft1.2791	Ft4.1111	1.82908
Fe2.13699	Fe8.10091	2.11097	Ft2.6199	Ft8.3878	1.82857
Fe1.11053	Fe7.6232	2.11092	Ft2.6010	Ft7.4708	1.82838
Fe5.12302	Fe7.1732	2.11088	Ft2.3202	Ft4.5964	1.82837
Fe2.7761	Fe7.771	2.11084	Ft2.2256	Ft8.1670	1.82836
Fe1.5894	Fe6.4999	2.11071	Ft2.2523	Ft8.4310	1.82828
Fe3.2019	Fe6.3270	2.11061	Ft4.991	Ft6.862	1.82824
Fe4.8333	Fe5.13081	2.11051	Ft2.3511	Ft2.5607	1.82818
Fe5.11576	Fe6.2996	2.11044	Ft4.995	Ft6.864	1.82816
Fe3.8611	Fe7.4927	2.11042	Ft2.6586	Ft5.1524	1.82794
Fe3.13154	Fe4.8299	2.11036	Ft2.712	Ft4.953	1.82779
Fe8.1433	Fe8.5307	2.11027	Ft2.5997	Ft3.5685	1.82765
Fe2.13384	Fe4.11321	2.11004	Ft2.5164	Ft8.1578	1.82748
Fe2.9604	Fe4.12776	2.11003	Ft3.2682	Ft7.3094	1.8273
Fe1.4642	Fe1.7254	2.1099	Ft7.3022	Ft8.1394	1.8271
Fe2.9842	Fe7.3121	2.10914	Ft2.3143	Ft8.4214	1.82708
Fe1.3587	Fe7.9911	2.10911	Ft2.6427	Ft4.1961	1.82702
Fe1.14057	Fe6.4194	2.10909	Ft7.4183	Ft8.4437	1.82692
Fe1.12660	Fe2.12835	2.10874	Ft4.205	Ft8.3739	1.82682
Fe1.4327	Fe5.5996	2.10868	Ft6.2002	Ft7.3506	1.82606
Fe2.9214	Fe2.12293	2.10852	Ft4.3341	Ft7.776	1.82603
Fe1.2541	Fe7.11343	2.10839	Ft2.1886	Ft7.237	1.82587
Fe5.3523	Fe7.1050	2.10814	Ft4.914	Ft8.1835	1.82587
Fe1.10152	Fe2.2165	2.10813	Ft7.1068	Ft8.548	1.82578
Fe3.10524	Fe4.9594	2.10797	Ft4.2694	Ft4.2818	1.82575
Fe3.13527	Fe5.10636	2.10768	Ft4.4336	Ft7.960	1.82534
Fe5.3967	Fe8.9669	2.10759	Ft5.147	Ft7.539	1.82513
Fe2.8404	Fe4.3061	2.10739	Ft4.3395	Ft7.548	1.82504
Fe4.5133	Fe4.9484	2.10737	Ft2.4442	Ft8.3996	1.82503
Fe7.7386	Fe7.12252	2.10737	Ft3.1470	Ft7.2228	1.82489
Fe3.6366	Fe4.3776	2.10727	Ft1.2503	Ft6.1121	1.82488
Fe3.10063	Fe7.6130	2.10714	Ft2.4207	Ft2.6024	1.82485
Fe3.2206	Fe6.11361	2.10697	Ft2.5929	Ft7.4638	1.82472
Fe4.1715	Fe4.4532	2.10696	Ft3.3272	Ft8.4587	1.82471
Fe7.484	Fe7.1599	2.10696	Ft3.5475	Ft8.1396	1.82469
Fe7.11335	Fe8.5493	2.10694	Ft1.2834	Ft8.2563	1.82441
Fe1.12239	Fe8.8820	2.10612	Ft1.2433	Ft6.1069	1.82429
Fe3.7506	Fe7.11812	2.10591	Ft6.1998	Ft7.4918	1.8242
Fe4.6852	Fe7.9841	2.10578	Ft3.683	Ft4.170	1.82361
Fe2.5041	Fe5.8839	2.10568	Ft3.3473	Ft8.3371	1.8233
Fe3.2962	Fe8.6430	2.10567	Ft1.1278	Ft2.4987	1.82324
Fe4.13257	Fe6.3644	2.10563	Ft6.1847	Ft6.2856	1.82312
Fe8.10813	Hic.scaffold.11.76	2.10561	Ft4.5871	Ft5.731	1.82278
Fe4.988	Fe8.10870	2.1055	Ft7.4150	Ft8.3338	1.8227
Fe2.2478	Fe2.10262	2.10547	Ft4.1876	Ft7.1608	1.82259
Fe2.11196	Fe2.11825	2.10505	Ft4.2074	Ft4.3881	1.82251
Fe5.6028	Fe6.5193	2.105	Ft1.1180	Ft7.3411	1.82232
Fe1.1059	Fe6.3341	2.10488	Ft2.4118	Ft5.2944	1.82229
Fe2.4138	Fe3.14027	2.10485	Ft8.2888	Ft8.4793	1.82219
Fe6.11483	Fe7.4423	2.10481	Ft2.1532	Ft4.1983	1.82199
Fe4.2970	Fe5.13429	2.10476	Ft4.829	Ft8.1787	1.82199

Fe4.2854	Fe8.1616	2.10428	Ft3.4077	Ft8.2915	1.82186
Fe2.13596	Fe2.14084	2.10427	Ft3.3034	Ft4.2908	1.82139
Fe2.2467	Fe4.12651	2.10425	Ft7.4976	Ft8.1920	1.82131
Fe4.12700	Fe6.9494	2.10421	Ft2.4557	Ft2.5342	1.82072
Fe6.5336	Fe8.3289	2.10415	Ft2.4068	Ft7.2651	1.82066
Fe3.5610	Fe6.10099	2.10411	Ft3.3109	Ft7.1026	1.82055
Fe5.3829	Fe6.2450	2.10411	Ft2.833	Ft7.2652	1.82042
Fe2.13001	Fe6.11221	2.10394	Ft2.4222	Ft3.1907	1.82038
Fe4.1687	Fe4.3266	2.10377	Ft4.875	Ft6.1520	1.82007
Fe1.14524	Fe2.12190	2.10375	Ft2.2754	Ft2.3092	1.81958
Fe2.9753	Fe8.7170	2.10357	Ft4.4065	Ft7.776	1.81937
Fe1.7254	Fe6.5915	2.10329	Ft7.5013	Ft8.1718	1.81936
Fe4.3884	Fe6.3278	2.10322	Ft2.3265	Ft5.575	1.81923
Fe6.5193	Fe8.7737	2.1031	Ft2.6010	Ft5.2670	1.81919
Fe3.1157	Fe4.3568	2.10302	Ft2.6440	Ft3.1515	1.81902
Fe6.2195	Fe6.12154	2.10298	Ft4.5488	Ft6.921	1.81868
Fe1.1582	Fe2.11819	2.10293	Ft2.5165	Ft4.5170	1.81857
Fe2.9703	Fe4.3027	2.10293	Ft1.2500	Ft6.1116	1.81839
Fe6.3332	Hic.scaffold.9.227	2.10274	Ft1.301	Ft1.2720	1.81832
Fe1.9331	Fe4.11583	2.10242	Ft2.890	Ft4.3224	1.81798
Fe6.1001	Fe7.4407	2.10223	Ft7.2530	Ft8.3418	1.81793
Fe2.7813	Fe3.5451	2.1022	Ft1.1565	Ft1.2658	1.81788
Fe2.10301	Fe7.11455	2.10207	Ft5.2600	Ft6.1208	1.81781
Fe4.9693	Fe5.2418	2.10198	Ft3.2849	Ft7.3136	1.81778
Fe6.4644	Fe6.10653	2.10174	Ft6.1358	Ft7.3922	1.81771
Fe1.473	Fe4.2828	2.10161	Ft2.411	Ft2.1054	1.81726
Fe6.9201	Fe7.11467	2.10161	Ft2.3031	Ft5.1502	1.81723
Fe2.7644	Fe3.13541	2.10157	Ft7.685	Ft8.2973	1.81717
Fe2.8056	Hic.scaffold.13.177	2.10157	Ft1.2612	Ft4.892	1.81709
Fe1.6591	Fe7.8863	2.1014	Ft3.5535	Ft7.2780	1.81705
Fe3.6506	Fe5.12983	2.10126	Ft2.5986	Ft2.6417	1.81693
Fe2.10328	Fe5.9080	2.10109	Ft4.3208	Ft7.1605	1.81692
Fe4.3015	Fe7.1567	2.10078	Ft2.908	Ft4.744	1.81684
Fe3.6147	Fe6.4591	2.10064	Ft2.176	Ft7.5273	1.81678
Fe2.678	Fe5.4894	2.10058	Ft2.4633	Ft7.5134	1.81668
Fe2.8583	Fe5.14479	2.10056	Ft2.6450	Ft4.5584	1.81664
Fe4.6182	Fe7.3804	2.10045	Ft3.3659	Ft7.970	1.81649
Fe1.3094	Fe4.5969	2.10038	Ft7.1669	Ft7.2815	1.81644
Fe2.2560	Fe6.3278	2.10038	Ft2.6142	Ft8.3150	1.81637
Fe5.170	Fe6.488	2.10036	Ft1.638	Ft4.893	1.81605
Fe5.7724	Fe7.3724	2.10034	Ft2.2494	Ft3.3650	1.81586
Fe1.12711	Fe4.13621	2.10032	Ft4.2783	Ft8.1615	1.81585
Fe1.13179	Fe7.2934	2.1003	Ft8.3694	Ft8.4512	1.81579
Fe2.3229	Fe8.1607	2.10028	Ft3.2048	Ft8.3385	1.81576
Fe3.11886	Fe5.3919	2.10027	Ft3.1997	Ft6.1793	1.81558
Fe1.14019	Fe5.1200	2.10026	Ft1.2857	Ft3.548	1.81532
Fe3.5494	Fe7.3509	2.10016	Ft2.4185	Ft3.5629	1.81507
Fe4.1687	Fe7.1052	2.0999	Ft4.1947	Ft5.1021	1.8149
Fe4.11603	Fe5.5956	2.09984	Ft2.2517	Ft6.3247	1.8148
Fe4.11728	Fe6.5616	2.09969	Ft4.1307	Ft4.3912	1.81462
Fe1.2421	Fe4.9693	2.09963	Ft2.2847	Ft3.1374	1.81431
Fe2.7421	Fe7.1422	2.09948	Ft7.1030	Ft8.839	1.81414
Fe1.6176	Fe4.3215	2.09944	Ft3.2068	Ft7.1396	1.81413
Fe3.5695	Fe7.4006	2.09935	Ft2.3215	Ft2.5323	1.81396
Fe5.8045	Hic.scaffold.9.229	2.09918	Ft1.377	Ft6.2919	1.8139

Fe5.12864	Fe7.3791	2.0989	Ft2.4252	Ft6.1343	1.81373
Fe1.2706	Fe1.13923	2.09883	Ft2.1865	Ft7.2935	1.81368
Fe3.2509	Fe8.10392	2.09883	Ft2.5389	Ft4.533	1.81324
Fe4.3665	Fe6.5744	2.09874	Ft2.5674	Ft5.2966	1.81315
Fe5.9011	Fe6.8429	2.09836	Ft3.667	Ft3.1073	1.81313
Fe5.17	Fe8.6474	2.09831	Ft4.2115	Ft7.2993	1.81296
Fe2.1974	Fe7.6138	2.09825	Ft4.1938	Ft8.548	1.81294
Fe6.5960	Fe7.12717	2.09813	Ft4.2706	Ft4.3340	1.81282
Fe2.7739	Fe7.12490	2.09812	Ft4.5398	Ft4.6225	1.81251
Fe2.13696	Fe4.11571	2.09793	Ft1.34	Ft3.960	1.81242
Fe5.6499	Fe8.6858	2.09774	Ft1.1258	Ft8.3878	1.81236
Fe7.8437	Fe8.7795	2.09773	Ft2.6469	Ft7.2232	1.81213
Fe2.7005	Fe3.888	2.09762	Ft3.2800	Ft7.3813	1.81168
Fe1.12052	Fe7.3716	2.0976	Ft1.2302	Ft6.358	1.81151
Fe4.4678	Fe4.14121	2.09756	Ft2.5441	Ft7.4720	1.81148
Fe2.10825	Fe5.3559	2.09752	Ft2.1104	Ft4.136	1.81137
Fe2.12175	Fe2.13537	2.09673	Ft2.3807	Ft6.1397	1.8112
Fe4.11231	Fe8.9175	2.09665	Ft3.722	Ft6.871	1.81103
Fe5.4828	Fe5.8566	2.09659	Ft7.2982	Ft8.3971	1.81084
Fe2.10301	Fe5.8013	2.0965	Ft2.3499	Ft3.5160	1.81061
Fe5.3942	Fe6.6281	2.09643	Ft2.2806	Ft4.711	1.81004
Fe1.14560	Fe6.962	2.09635	Ft2.353	Ft2.5144	1.80978
Fe4.12364	Fe6.9180	2.09634	Ft2.5201	Ft7.1068	1.80959
Fe5.2779	Fe8.9560	2.09611	Ft4.5544	Ft8.4110	1.80929
Fe2.11562	Fe5.13081	2.09609	Ft2.5712	Ft4.132	1.80927
Fe5.3310	Fe8.8851	2.09605	Ft2.672	Ft6.1901	1.80924
Fe2.3113	Fe5.3926	2.096	Ft4.2602	Ft6.1060	1.80909
Fe6.868	Fe8.10223	2.09594	Ft2.180	Ft8.1227	1.80836
Fe5.10085	Fe6.2322	2.09556	Ft2.3821	Ft7.507	1.80816
Fe1.10211	Hic.scaffold.10.432	2.09551	Ft2.4631	Ft3.4095	1.80777
Fe4.6468	Fe5.1127	2.09532	Ft2.5765	Ft2.5976	1.80777
Fe3.3374	Fe8.3889	2.09522	Ft2.2480	Ft4.3680	1.80768
Fe2.13649	Fe8.11248	2.09505	Ft3.5530	Ft4.5771	1.80748
Fe5.1194	Fe7.7422	2.09477	Ft6.1983	Ft8.150	1.80744
Fe2.13367	Fe4.12226	2.09472	Ft4.343	Ft7.2920	1.80743
Fe8.3488	Fe8.8450	2.09464	Ft2.4085	Ft7.299	1.80735
Fe1.5718	Fe4.5952	2.09452	Ft2.6039	Ft8.4931	1.8072
Fe4.3914	Fe4.11364	2.09448	Ft1.424	Ft6.1005	1.80701
Fe2.4628	Fe4.10442	2.09444	Ft2.5695	Ft4.5476	1.8066
Fe8.11888	Hic.scaffold.11.118	2.09436	Ft3.554	Ft8.1294	1.80652
Fe2.9836	Fe6.10667	2.09429	Ft2.1073	Ft5.681	1.80651
Fe5.14464	Fe8.11358	2.09419	Ft2.904	Ft4.186	1.8065
Fe1.2291	Fe3.3873	2.09408	Ft2.3694	Ft3.5395	1.80622
Fe3.4567	Fe8.3745	2.09408	Ft2.1560	Ft3.2094	1.80621
Fe6.9640	Fe7.10440	2.09407	Ft3.2055	Ft4.4709	1.80617
Fe2.13039	Fe5.12008	2.09404	Ft4.961	Ft7.3022	1.80578
Fe2.5017	Fe5.5984	2.09402	Ft3.3287	Ft7.1648	1.80565
Fe7.7422	Fe8.9467	2.09398	Ft1.2319	Ft8.5210	1.80564
Fe5.11760	Fe8.8688	2.0939	Ft4.4490	Ft5.2146	1.80564
Fe1.5580	Fe7.6703	2.09382	Ft1.688	Ft6.1221	1.80553
Fe3.9249	Fe4.10979	2.09365	Ft2.5959	Ft4.5713	1.80548
Fe5.12878	Fe6.1520	2.09365	Ft2.542	Ft4.1572	1.80522
Fe4.3914	Fe7.382	2.09323	Ft6.42	Ft7.3075	1.80482
Fe3.9713	Fe4.5755	2.09322	Ft3.2029	Ft4.2056	1.80465
Fe3.1951	Fe5.1994	2.09272	Ft4.2239	Ft8.271	1.80464

Fe2.2510	Fe6.5390	2.09268	Ft1.914	Ft2.6470	1.80458
Fe4.9448	Fe7.5015	2.09252	Ft7.2996	Ft8.3843	1.80448
Fe2.5285	Fe4.8299	2.09225	Ft2.6606	Ft8.4553	1.80444
Fe2.11122	Fe8.9138	2.09216	Ft2.2350	Ft8.1270	1.80423
Fe3.6522	Fe5.4944	2.09211	Ft2.6615	Ft3.723	1.80393
Fe2.9502	Fe2.12963	2.09206	Ft4.5367	Ft6.1537	1.80387
Fe5.8510	Fe7.6390	2.09206	Ft4.1891	Ft8.3288	1.80378
Fe2.8039	Fe8.9168	2.09179	Ft7.377	Ft8.324	1.80369
Fe4.6338	Fe5.8013	2.09173	Ft5.1609	Ft7.2897	1.80328
Fe8.6754	Fe8.9442	2.09172	Ft6.1703	Ft7.1859	1.80292
Fe6.80	Fe8.11787	2.09142	Ft4.2224	Ft6.1444	1.80284
Fe2.2590	Fe3.6522	2.09135	Ft4.2181	Ft7.1007	1.80278
Fe3.9230	Fe8.1363	2.09132	Ft3.4837	Ft7.5164	1.80253
Fe2.11239	Fe4.11339	2.09128	Ft1.1212	Ft3.2614	1.8025
Fe6.3445	Fe7.3783	2.09118	Ft1.626	Ft5.433	1.80249
Fe5.5595	Fe7.11343	2.09103	Ft5.2808	Ft7.5101	1.80242
Fe2.11798	Fe8.7426	2.09092	Ft2.5954	Ft4.4303	1.80234
Fe2.10891	Fe8.719	2.0907	Ft4.4282	Ft7.1007	1.80225
Fe1.12250	Fe7.3263	2.09061	Ft7.1026	Ft8.2910	1.80214
Fe2.2521	Fe7.3469	2.09059	Ft2.4532	Ft8.4342	1.80207
Fe5.6155	Fe8.4611	2.09052	Ft1.1748	Ft4.4032	1.80193
Fe2.542	Fe5.1839	2.09048	Ft1.1771	Ft2.9	1.8019
Fe3.389	Fe8.11269	2.09047	Ft2.2523	Ft8.3940	1.80186
Fe3.8668	Hic.scaffold.9.162	2.09046	Ft2.2477	Ft4.1717	1.80183
Fe1.14327	Fe8.7955	2.09027	Ft8.632	Ft8.1284	1.80172
Fe1.2686	Fe7.11404	2.09026	Ft1.1111	Ft2.4919	1.80154
Fe4.4146	Fe5.9103	2.09023	Ft6.2321	Ft8.1414	1.80144
Fe4.2289	Fe4.3096	2.09003	Ft2.3812	Ft3.5483	1.80134
Fe2.11196	Fe2.11798	2.08999	Ft2.5849	Ft2.6273	1.8013
Fe2.2713	Fe6.3468	2.08996	Ft3.3461	Ft4.5619	1.80121
Fe1.6570	Fe5.6198	2.08985	Ft3.639	Ft5.546	1.8012
Fe2.1406	Fe4.13085	2.08984	Ft5.637	Ft8.3001	1.80078
Fe3.8743	Fe7.11343	2.08966	Ft3.2839	Ft4.2000	1.80037
Fe2.1174	Fe3.995	2.08951	Ft5.36	Ft8.3753	1.80028
Fe2.13278	Fe4.12335	2.08949	Ft7.1815	Ft7.3022	1.80025
Fe5.14253	Fe7.392	2.08949	Ft3.1941	Ft7.1769	1.80022
Fe1.1346	Fe3.5975	2.08946	Ft3.2090	Ft4.3011	1.80019
Fe1.14566	Fe2.3872	2.08943	Ft4.139	Ft6.2363	1.80019
Fe8.2530	Fe8.4178	2.08926	Ft3.5029	Ft4.2883	1.80016
Fe2.10534	Fe3.12408	2.08913	Ft2.2528	Ft2.6116	1.79994
Fe1.13767	Fe2.12991	2.089	Ft7.5166	Ft8.4532	1.79981
Fe6.7439	Fe7.3807	2.08888	Ft3.1677	Ft6.1980	1.79935
Fe5.6051	Fe7.3696	2.08885	Ft3.887	Ft3.1037	1.7992
Fe5.3635	Fe7.9640	2.08883	Ft2.4661	Ft4.1873	1.79914
Fe2.219	Fe6.2249	2.08875	Ft4.5602	Ft6.120	1.7988
Fe6.5213	Fe7.6936	2.08874	Ft4.2230	Ft8.782	1.79874
Fe3.5975	Fe7.8090	2.08857	Ft3.4800	Ft8.1969	1.79868
Fe3.1700	Fe6.1325	2.08842	Ft2.5390	Ft7.1380	1.7982
Fe2.2135	Fe3.11236	2.08838	Ft4.5528	Ft6.91	1.79818
Fe5.14203	Fe8.8160	2.08823	Ft4.369	Ft8.3294	1.79813
Fe5.8328	Fe7.10974	2.08812	Ft7.3094	Ft7.4781	1.79813
Fe6.2565	Fe8.2186	2.08809	Ft1.813	Ft2.5435	1.79802
Fe4.5967	Fe6.1797	2.08803	Ft4.885	Ft8.2462	1.79798
Fe1.4642	Fe8.4178	2.08796	Ft7.2208	Ft8.2641	1.7975
Fe3.1444	Fe6.11449	2.08794	Ft3.2050	Ft7.3498	1.79688

Fe1.4989	Fe1.6570	2.08775
Fe3.5253	Fe3.13836	2.08769
Fe2.13376	Fe5.8981	2.08762
Fe7.3560	Fe8.10138	2.08757
Fe2.12835	Fe7.5672	2.08743
Fe6.3212	Fe6.7709	2.08739
Fe2.6481	Fe7.7424	2.08726
Fe4.13626	Fe6.3959	2.08725
Fe4.8339	Fe6.5797	2.08721
Fe4.10115	Fe5.1581	2.0871
Fe4.14519	Fe8.10673	2.08707
Fe2.10764	Fe4.12303	2.08702
Fe6.5048	Hic.scaffold.9.270	2.08687
Fe6.2269	Fe6.11303	2.08683
Fe3.9294	Fe6.3270	2.08677
Fe8.1555	Fe8.5464	2.08669
Fe6.5477	Fe7.7153	2.08667
Fe1.744	Fe2.220	2.08663
Fe8.852	Fe8.10122	2.08603
Fe2.3792	Fe8.3489	2.086
Fe3.3256	Fe4.3935	2.08583
Fe3.3586	Fe3.4856	2.08579
Fe5.3646	Fe7.9635	2.08579
Fe4.5969	Fe6.5872	2.08573
Fe7.847	Fe8.12192	2.08564
Fe4.11728	Fe7.11598	2.08562
Fe2.9792	Fe6.720	2.08542
Fe4.5755	Fe4.9264	2.08539
Fe1.2032	Fe3.11830	2.08514
Fe4.13879	Fe5.12843	2.08505
Fe1.10636	Fe3.12471	2.08502
Fe2.3301	Fe4.7634	2.08467
Fe3.8582	Fe6.9302	2.08463
Fe2.10223	Fe4.6031	2.08453
Fe1.13752	Fe6.3179	2.08423
Fe7.3708	Fe7.7710	2.08421
Fe3.11908	Fe5.1862	2.08417
Fe2.9740	Fe3.9114	2.08393
Fe5.11765	Fe6.9342	2.08385
Fe6.2195	Fe7.11598	2.08363
Fe2.9558	Fe7.7422	2.08362
Fe3.4793	Fe8.7737	2.08361
Fe1.10099	Fe8.5464	2.0836
Fe3.941	Fe8.11167	2.0836
Fe2.13637	Fe8.11284	2.08356
Fe2.4451	Fe4.7514	2.08329
Fe2.4113	Fe3.10615	2.08326
Fe1.7128	Fe7.3724	2.08318
Fe2.4886	Fe6.6340	2.08316
Fe4.1396	Fe6.3800	2.08312
Fe1.12953	Fe4.11657	2.08305
Fe2.10940	Fe8.9943	2.08303
Fe1.13989	Fe2.10887	2.08297
Fe2.8753	Fe3.967	2.08282
Fe1.5234	Fe6.9702	2.08269
Ft7.2984	Ft7.3942	1.79686
Ft1.424	Ft6.162	1.79685
Ft3.4484	Ft7.419	1.79683
Ft4.753	Ft8.3294	1.79677
Ft7.3754	Ft8.4561	1.7965
Ft6.3279	Ft7.2408	1.79627
Ft1.1917	Ft3.2664	1.79618
Ft2.2879	Ft7.625	1.79568
Ft2.4222	Ft3.590	1.79534
Ft7.2996	Ft7.4852	1.79519
Ft1.835	Ft2.6177	1.79468
Ft2.1039	Ft4.1731	1.79467
Ft3.3620	Ft8.870	1.79463
Ft2.5800	Ft7.4947	1.79436
Ft2.4622	Ft3.2238	1.79428
Ft3.1058	Ft4.6246	1.79379
Ft7.1007	Ft7.3927	1.79351
Ft2.6481	Ft3.1626	1.79347
Ft1.2599	Ft5.436	1.79332
Ft2.308	Ft6.3284	1.79322
Ft2.654	Ft7.3973	1.79299
Ft2.2714	Ft8.1920	1.79292
Ft2.2911	Ft3.2997	1.79291
Ft3.2881	Ft8.1529	1.79279
Ft3.801	Ft6.2248	1.79273
Ft4.1983	Ft7.3094	1.79272
Ft2.4624	Ft7.2989	1.79271
Ft5.2785	Ft6.1316	1.79263
Ft4.4781	HiC.scaffold.5.34	1.79258
Ft3.4798	Ft8.1762	1.79224
Ft3.273	Ft5.2148	1.79211
Ft2.4174	Ft2.6046	1.79198
Ft4.953	Ft7.3483	1.79192
Ft4.885	Ft8.5118	1.79191
Ft5.630	Ft5.1802	1.79175
Ft2.133	Ft5.455	1.79167
Ft5.455	Ft7.4954	1.79153
Ft2.6630	Ft3.960	1.79144
Ft1.1559	Ft8.2830	1.79134
Ft5.834	Ft5.2086	1.79122
Ft2.2273	Ft8.3964	1.79118
Ft2.2037	Ft2.3178	1.79112
Ft1.1360	Ft6.3355	1.7908
Ft3.4018	Ft8.525	1.79065
Ft1.2067	Ft5.479	1.79048
Ft2.4234	Ft2.6000	1.79016
Ft4.2056	Ft8.2915	1.78997
Ft4.667	Ft6.1552	1.78988
Ft1.780	Ft5.2362	1.78972
Ft7.3754	Ft8.307	1.78961
Ft4.3548	Ft7.475	1.78951
Ft2.5025	Ft6.1644	1.78858
Ft7.468	Ft7.1631	1.78801
Ft1.2428	Ft2.3996	1.78798
Ft2.4615	Ft8.4599	1.78786

Fe2.11239	Fe2.13157	2.08268	Ft1.1897	Ft4.3608	1.7876
Fe2.9247	Fe8.11115	2.08266	Ft3.1812	Ft4.2181	1.78718
Fe6.1771	Fe6.2573	2.08265	Ft3.1464	Ft4.2152	1.78689
Fe4.5681	Fe4.13589	2.08229	Ft3.1238	Ft3.1870	1.78688
Fe1.2359	Fe6.4209	2.08224	Ft2.654	Ft5.1382	1.78666
Fe2.11328	Fe8.10973	2.08219	Ft1.2846	Ft4.5544	1.78661
Fe5.8621	Fe7.12380	2.08218	Ft3.2849	Ft8.2580	1.78641
Fe4.13521	Fe4.13879	2.08213	Ft7.3399	Ft8.1787	1.78633
Fe4.4715	Fe4.6220	2.08205	Ft2.3212	Ft8.4119	1.78607
Fe6.725	Hic.scaffold.11.153	2.08201	Ft2.6066	Ft3.5537	1.78599
Fe5.4264	Fe6.5583	2.08197	Ft2.5403	Ft3.515	1.78585
Fe7.6159	Fe7.10812	2.08193	Ft2.2378	Ft4.1717	1.78562
Fe1.3128	Fe3.11960	2.08183	Ft3.4201	Ft4.1717	1.78562
Fe1.1774	Fe1.14202	2.08158	Ft2.2808	Ft3.1838	1.7856
Fe5.11979	Fe8.10849	2.08129	Ft2.2706	Ft4.2656	1.7855
Fe4.13569	Fe7.6377	2.08116	Ft5.2120	Ft7.3739	1.78539
Fe4.6338	Fe7.6295	2.08115	Ft2.5954	Ft6.3344	1.78498
Fe2.2135	Fe5.8827	2.08113	Ft3.605	Ft3.2089	1.78498
Fe2.2560	Fe6.2996	2.08111	Ft1.150	Ft6.79	1.78488
Fe2.7147	Fe3.12668	2.08104	Ft1.2767	Ft6.960	1.78439
Fe5.3489	Fe7.822	2.08098	Ft1.2351	Ft3.2879	1.78435
Fe4.12327	Fe5.2946	2.0808	Ft4.5419	Ft7.3118	1.7838
Fe6.6120	Fe7.8090	2.08079	Ft7.419	Ft8.1253	1.78376
Fe1.4304	Fe6.8332	2.08063	Ft2.3958	Ft6.681	1.78375
Fe5.9910	Fe7.1219	2.08056	Ft7.3516	Ft8.108	1.78364
Fe2.4113	Fe6.3761	2.08035	Ft4.2056	Ft7.1086	1.78344
Fe3.13418	Fe7.7415	2.0802	Ft3.739	Ft5.2635	1.78341
Fe5.3188	Fe7.8090	2.08012	Ft3.3199	Ft3.3734	1.78318
Fe1.7128	Fe7.3633	2.08011	Ft1.1273	Ft2.4991	1.78315
Fe2.367	Fe5.13299	2.08007	Ft1.2763	Ft2.4272	1.78305
Fe3.2864	Fe7.4837	2.07997	Ft5.1881	Ft7.817	1.78295
Fe1.3398	Fe3.12408	2.07995	Ft2.5694	Ft6.6	1.78292
Fe4.3096	Fe7.3314	2.07992	Ft2.575	Ft5.1118	1.7828
Fe3.7931	Fe8.8152	2.07987	Ft6.1420	Ft7.3117	1.7828
Fe5.2878	Fe8.7821	2.07982	Ft3.5201	Ft5.1621	1.78274
Fe4.10473	Fe8.3299	2.07973	Ft2.4596	Ft2.5194	1.78269
Fe2.13672	Fe4.11440	2.07971	Ft4.1866	Ft8.4091	1.78261
Fe2.12270	Fe6.2249	2.07961	Ft3.916	Ft3.3326	1.78242
Fe5.12087	Fe5.13300	2.07936	Ft5.886	Ft8.4110	1.78234
Fe3.3622	Fe6.3358	2.07935	Ft4.3001	Ft8.2980	1.78228
Fe2.8404	Hic.scaffold.13.175	2.07931	Ft8.40	Ft8.3577	1.78217
Fe7.6390	Fe8.5131	2.07899	Ft4.2657	Ft7.385	1.78207
Fe1.2375	Fe5.8524	2.07894	Ft4.3846	Ft7.2173	1.78187
Fe4.3833	Fe5.10011	2.07878	Ft5.1383	Ft7.2257	1.78148
Fe2.9746	Fe6.742	2.07867	Ft2.2323	Ft3.423	1.78126
Fe1.292	Fe1.6149	2.07851	Ft4.1642	Ft5.455	1.78112
Fe3.4689	Fe4.10979	2.07842	Ft1.1240	Ft3.5416	1.78103
Fe4.13925	Fe6.2253	2.07833	Ft4.1490	Ft5.2133	1.78101
Fe2.3124	Fe3.8238	2.0783	Ft2.2667	Ft2.3971	1.78036
Fe3.1712	Fe4.6155	2.0781	Ft7.2891	Ft7.3289	1.78001
Fe2.976	Fe3.13911	2.078	Ft4.1869	Ft5.2685	1.77991
Fe2.2735	Fe7.13040	2.07798	Ft4.4765	Ft6.3492	1.77991
Fe3.11785	Fe4.7855	2.07789	Ft3.1398	Ft4.839	1.7797
Fe2.8276	Fe6.9180	2.07784	Ft7.4697	Ft7.5068	1.77962
Fe5.1616	Fe7.1226	2.07772	Ft1.1600	Ft6.3274	1.77928

Fe6.9893	Fe8.581	2.0777
Fe1.7222	Fe3.2811	2.07757
Fe7.6188	Fe7.11669	2.07753
Fe1.4910	Fe1.10600	2.07748
Fe7.439	Fe7.3498	2.07747
Fe3.10465	Fe6.3028	2.07739
Fe5.9652	Fe7.11034	2.07739
Fe1.5093	Fe5.12788	2.07731
Fe1.12312	Fe7.3151	2.0772
Fe1.3226	Fe2.984	2.07719
Fe7.8473	Fe8.9707	2.07712
Fe4.7217	Fe6.6316	2.07709
Fe1.10153	Fe8.6396	2.07704
Fe2.13578	Fe4.13344	2.07704
Fe2.8170	Fe7.597	2.07702
Fe3.3541	Fe6.3733	2.07698
Fe4.821	Hic.scaffold.10.395	2.07698
Fe1.3013	Fe6.4681	2.07687
Fe3.10617	Fe4.9661	2.07684
Fe3.1871	Fe8.2943	2.07682
Fe3.13866	Fe6.3096	2.0768
Fe2.6628	Fe8.10768	2.07677
Fe2.3817	Fe6.5989	2.07673
Fe5.3451	Fe6.9467	2.07649
Fe3.4152	Fe3.6199	2.07647
Fe2.9820	Fe6.11393	2.07645
Fe4.11738	Fe6.1820	2.07645
Fe3.9305	Fe6.11894	2.07636
Fe6.5837	Fe7.3385	2.0761
Fe5.10998	Fe8.8263	2.07606
Fe8.3872	Fe8.6887	2.07588
Fe4.10516	Fe6.9803	2.07579
Fe3.7276	Fe5.6676	2.07568
Fe2.1651	Fe4.3285	2.07547
Fe2.3206	Fe8.3099	2.07504
Fe1.803	Fe1.1328	2.07499
Fe6.3114	Fe8.7086	2.07491
Fe4.110	Fe6.1422	2.07483
Fe2.11178	Fe5.12885	2.07479
Fe1.6176	Fe4.7855	2.07472
Fe2.7952	Fe7.12005	2.07449
Fe4.6338	Fe4.11293	2.07432
Fe2.12996	Fe4.12149	2.07424
Fe2.11122	Fe8.5521	2.07398
Fe3.2840	Fe7.7282	2.07397
Fe2.13260	Fe7.7424	2.07382
Fe2.13879	Fe7.597	2.07374
Fe1.3662	Fe6.9985	2.07346
Fe3.11227	Fe7.4260	2.07332
Fe1.3016	Fe2.3204	2.07324
Fe5.3553	Fe5.3933	2.07319
Fe2.11327	Fe8.3656	2.07305
Fe4.9906	Fe5.5956	2.07296
Fe2.13794	Fe2.14287	2.07289
Fe4.3924	Fe7.9790	2.07249
Ft4.4153	Ft4.4276	1.77915
Ft3.1058	Ft8.4273	1.77887
Ft2.2754	Ft2.6199	1.77858
Ft4.368	Ft6.2152	1.77765
Ft3.5222	Ft7.1743	1.77752
Ft7.2787	Ft8.3261	1.77738
Ft2.3170	Ft7.2979	1.77737
Ft8.1344	Ft8.1661	1.77729
Ft2.3802	Ft3.1835	1.77698
Ft4.68	Ft6.2222	1.77683
Ft1.2575	Ft6.1610	1.77657
Ft4.6185	Ft6.1633	1.77636
Ft5.1896	Ft7.4948	1.77599
Ft5.1652	Ft5.2859	1.77581
Ft2.393	Ft4.5451	1.7758
Ft2.4248	Ft3.1844	1.77566
Ft2.960	Ft7.4893	1.77564
Ft3.2682	Ft7.1052	1.77555
Ft3.2056	Ft7.4906	1.77542
Ft4.2081	Ft4.2498	1.77523
Ft4.693	Ft6.1633	1.77516
Ft5.588	Ft7.3006	1.77508
Ft2.3522	Ft5.730	1.77473
Ft3.1907	Ft7.1730	1.77471
Ft2.6512	Ft3.1701	1.77402
Ft2.2878	Ft8.2856	1.77376
Ft7.419	Ft8.2035	1.77374
Ft2.6120	Ft3.2879	1.77361
Ft2.6024	Ft5.733	1.77354
Ft2.6408	Ft8.4909	1.77348
Ft2.3599	Ft2.5471	1.77326
Ft2.6594	Ft8.4533	1.77321
Ft7.2993	Ft7.3251	1.77321
Ft3.223	Ft5.721	1.77316
Ft1.2637	Ft2.3909	1.77273
Ft1.1829	Ft4.1463	1.77272
Ft4.1893	Ft7.3323	1.77235
Ft6.1502	Ft7.2824	1.77228
Ft1.1484	Ft7.5135	1.77227
Ft2.5681	Ft3.643	1.77224
Ft5.1667	Ft5.2255	1.77195
Ft3.4969	Ft8.1697	1.77183
Ft5.1744	Ft7.5158	1.77183
Ft4.1086	Ft6.959	1.7717
Ft2.2462	Ft7.4905	1.77164
Ft3.1164	Ft6.3274	1.77148
Ft7.3706	Ft8.2801	1.77146
Ft4.193	Ft7.2947	1.7713
Ft2.2145	Ft8.3871	1.7711
Ft2.2270	Ft3.3219	1.77109
Ft2.2554	Ft7.3217	1.77101
Ft2.897	Ft8.3989	1.77062
Ft4.1961	Ft8.2398	1.77039
Ft8.1736	Ft8.4529	1.77024
Ft2.3994	Ft6.77	1.7694

Fe2.10425	Fe5.12694	2.07228	Ft4.434	Ft8.289	1.76927
Fe7.4837	Fe7.11459	2.07206	Ft3.4654	Ft7.3759	1.76924
Fe2.11360	Fe7.1098	2.07198	Ft2.647	Ft4.1170	1.76919
Fe3.4286	Fe4.6106	2.07191	Ft7.2652	Ft7.3943	1.76905
Fe4.12303	Fe7.1648	2.07159	Ft3.5510	Ft4.669	1.76904
Fe2.3792	Fe4.3861	2.07156	Ft3.4121	Ft4.369	1.76902
Fe1.10956	Fe6.7446	2.07136	Ft7.1086	Ft8.340	1.76886
Fe4.6000	Fe5.3275	2.07136	Ft1.2716	Ft6.877	1.7688
Fe2.7949	Fe5.7209	2.07114	Ft4.5890	Ft5.717	1.76862
Fe2.8697	Fe7.6359	2.07106	Ft8.2404	Ft8.2581	1.76861
Fe2.11294	Fe2.11533	2.07093	Ft3.1564	Ft7.2122	1.76859
Fe5.13125	Hic.scaffold.13.24	2.07086	Ft3.2110	Ft7.1279	1.76835
Fe1.13116	Fe3.2388	2.0707	Ft3.5029	Ft4.3701	1.76835
Fe2.11538	Fe2.12034	2.07056	Ft2.671	Ft3.1426	1.76794
Fe3.1965	Fe4.13758	2.07037	Ft4.5602	Ft7.957	1.76727
Fe6.4533	Fe6.10560	2.07022	Ft2.3018	Ft7.2342	1.76713
Fe5.12287	Fe6.6316	2.07015	Ft4.5823	Ft7.4687	1.76711
Fe2.10885	Fe5.1880	2.06987	Ft5.617	Ft7.4775	1.76677
Fe5.11767	Fe6.11462	2.06959	Ft2.2501	Ft7.3478	1.76645
Fe3.3504	Fe5.3635	2.06944	Ft2.1209	Ft4.3571	1.76644
Fe5.3990	Fe8.683	2.06928	Ft1.2562	Ft6.1163	1.7664
Fe1.5349	Fe6.5336	2.06915	Ft2.4211	Ft5.2925	1.76637
Fe1.13377	Fe8.10184	2.06907	Ft2.2783	Ft3.1872	1.76582
Fe2.616	Fe5.11767	2.06892	Ft4.5409	Ft8.271	1.76582
Fe1.3625	Fe1.10243	2.06884	Ft2.3365	Ft3.5018	1.76579
Fe1.2342	Fe2.844	2.06881	Ft2.4631	Ft3.2937	1.76561
Fe1.5234	Fe1.14083	2.06837	Ft2.1365	Ft6.680	1.76551
Fe4.7979	Fe8.2330	2.06834	Ft2.2037	Ft2.4326	1.76549
Fe6.1258	Fe8.3121	2.06833	Ft2.5666	Ft6.3406	1.76542
Fe5.9386	Fe6.9837	2.06821	Ft2.3205	Ft8.3007	1.76517
Fe5.12896	Fe8.8575	2.06816	Ft2.5247	Ft2.6424	1.76505
Fe6.3293	Fe7.3945	2.06815	Ft4.2115	Ft8.2624	1.76499
Fe3.4177	Fe3.8641	2.068	Ft1.2870	Ft8.2139	1.76498
Fe5.1571	Fe5.2888	2.06791	Ft2.4644	Ft8.592	1.76459
Fe7.10999	Fe8.3289	2.0677	Ft2.6455	Ft3.1525	1.76448
Fe2.794	Fe3.13598	2.06765	Ft1.803	Ft1.2679	1.7641
Fe6.1001	Fe8.10124	2.06745	Ft3.1318	Ft6.3247	1.76395
Fe5.12566	Fe8.7415	2.06743	Ft2.5879	Ft2.6324	1.76392
Fe1.9073	Fe3.5975	2.06739	Ft5.1699	Ft7.3137	1.76375
Fe2.8486	Fe4.5799	2.06733	Ft6.974	Ft8.4237	1.76373
Fe3.10945	Fe4.5732	2.0672	Ft7.1623	Ft8.1787	1.76363
Fe6.3866	Fe8.1722	2.06706	Ft1.1859	Ft4.1509	1.7635
Fe4.11603	Fe5.10850	2.06704	Ft4.4001	Ft4.5937	1.76323
Fe3.13532	Fe8.11599	2.06703	Ft3.5536	Ft8.4364	1.76302
Fe1.9979	Fe3.11647	2.06698	Ft2.2963	Ft4.5483	1.76301
Fe7.3374	Fe8.10215	2.06684	Ft4.2905	Ft6.1897	1.763
Fe3.4152	Fe4.3760	2.06675	Ft7.3251	Ft8.1611	1.76296
Fe3.2821	Fe6.11753	2.06673	Ft7.3564	Ft8.30	1.76274
Fe7.5456	Fe8.10887	2.06643	Ft2.5128	Ft8.1726	1.76265
Fe6.728	Hic.scaffold.11.154	2.06632	Ft2.6516	Ft4.159	1.76255
Fe7.469	Hic.scaffold.10.438	2.06606	Ft4.1917	Ft8.2888	1.76233
Fe7.6390	Fe8.9164	2.06584	Ft4.18	Ft7.776	1.76228
Fe5.10738	Fe6.2156	2.06583	Ft2.2856	Ft2.5214	1.76224
Fe4.3588	Fe5.13161	2.06578	Ft4.2000	Ft8.5274	1.76223
Fe6.4681	Fe7.3560	2.06559	Ft7.459	Ft7.2655	1.76208

Fe2.11915	Fe8.9943	2.06551	Ft7.1872	Ft8.3615	1.76169
Fe5.6792	Fe6.6668	2.06551	Ft2.3951	Ft2.5156	1.76158
Fe1.12283	Fe4.614	2.0651	Ft2.5196	Ft7.351	1.76157
Fe4.5609	Fe7.3716	2.06495	Ft1.572	Ft6.1094	1.76153
Fe6.6205	Fe7.8364	2.06492	Ft4.1956	Ft8.600	1.76127
Fe2.14276	Fe8.9970	2.0649	Ft2.6047	Ft6.1192	1.76115
Fe3.2514	Fe6.3516	2.06484	Ft4.4157	Ft8.1669	1.76106
Fe1.10645	Fe4.594	2.06481	Ft1.2605	Ft6.74	1.76105
Fe4.2374	Fe5.3608	2.06468	Ft3.1047	Ft7.4834	1.76083
Fe1.10773	Fe5.8240	2.06464	Ft3.547	Ft4.6170	1.76057
Fe2.8561	Fe7.3777	2.0644	Ft2.3037	Ft2.6611	1.76039
Fe2.14196	Fe8.11015	2.06439	Ft2.335	Ft4.846	1.76038
Fe3.12064	Fe7.6412	2.06424	Ft2.2986	Ft7.3101	1.76037
Fe3.7276	Fe6.5193	2.06415	Ft7.3046	Ft8.2549	1.76029
Fe4.1516	Fe4.2854	2.06397	Ft3.1227	Ft4.700	1.76026
Fe5.4056	Fe6.9086	2.06389	Ft7.395	Ft8.3269	1.76018
Fe4.6106	Fe7.559	2.06388	Ft3.1727	Ft7.2853	1.76002
Fe2.9746	Fe8.10651	2.06374	Ft5.1650	Ft7.3930	1.75937
Fe4.5908	Fe6.12154	2.06353	Ft2.880	Ft4.3208	1.75919
Fe3.10672	Fe5.4056	2.06347	Ft2.2886	Ft2.5934	1.75898
Fe1.13989	Fe7.1118	2.06331	Ft4.6012	Ft8.4551	1.75895
Fe1.14254	Fe2.10352	2.06305	Ft3.2450	Ft3.2811	1.75887
Fe3.7591	Fe4.7985	2.06303	Ft2.6145	Ft7.4794	1.75884
Fe4.11957	Fe6.5616	2.06298	Ft2.6038	Ft3.5645	1.75873
Fe6.2885	Fe8.9413	2.06297	Ft2.2554	Ft7.3072	1.75869
Fe4.1244	Fe5.12606	2.06296	Ft4.761	Ft6.876	1.75848
Fe3.2319	Hic.scaffold.9.192	2.06295	Ft7.957	Ft8.1372	1.75843
Fe1.9769	Fe7.12965	2.06271	Ft3.3691	Ft7.3021	1.75772
Fe5.3566	Fe7.6936	2.06257	Ft7.4834	Ft8.3667	1.75765
Fe3.1098	Fe6.10958	2.0624	Ft6.857	Ft6.2668	1.75764
Fe1.8246	Fe5.6676	2.06236	Ft5.626	Ft5.2254	1.75709
Fe5.3933	Fe8.9678	2.06233	Ft7.4187	Ft8.2612	1.75706
Fe1.14257	Fe2.11424	2.06211	HiC_scaffold_5_2	iC_scaffold_5_38	1.75691
Fe2.2480	Fe7.3271	2.06206	Ft4.823	HiC.scaffold.5.256	1.75673
Fe5.3903	Fe8.3595	2.06204	Ft5.1988	Ft7.5276	1.75668
Fe2.10051	Fe3.6640	2.06202	Ft2.6424	Ft8.5032	1.7566
Fe3.1325	Fe7.5977	2.06202	Ft6.2198	Ft8.1649	1.75657
Fe5.12159	Fe7.11298	2.06195	Ft2.4644	Ft4.1938	1.75652
Fe1.5103	Fe7.8079	2.06194	Ft2.6433	Ft8.161	1.75644
Fe1.4809	Fe4.1688	2.06176	Ft2.2515	Ft3.3704	1.75617
Fe4.10449	Fe8.11206	2.06175	Ft3.3477	Ft7.1645	1.75584
Fe2.9312	Fe7.2551	2.06173	Ft2.5853	Ft3.245	1.75581
Fe2.14060	Fe7.681	2.06167	Ft3.2162	Ft7.1153	1.75572
Fe3.10717	Fe7.11467	2.06166	Ft2.3926	Ft7.2993	1.75562
Fe3.14082	Fe4.5967	2.06149	Ft2.6586	Ft4.5622	1.7555
Fe2.1596	Fe7.3804	2.06139	Ft2.5853	Ft7.1469	1.75549
Fe2.3113	Fe4.3901	2.06129	Ft5.1071	Ft8.2948	1.75521
Fe8.10053	Fe8.11440	2.06112	Ft3.1907	Ft7.4976	1.75517
Fe1.9460	Fe8.10091	2.06065	Ft7.2334	Ft8.510	1.75505
Fe6.11463	Fe7.6811	2.06054	Ft2.3347	Ft4.3929	1.75476
Fe7.148	Fe8.3299	2.06049	Ft3.2800	Ft4.2076	1.75452
Fe2.8152	Fe6.9265	2.06043	Ft2.469	Ft3.1904	1.75429
Fe2.13722	Fe5.14221	2.06042	Ft2.2591	Ft2.6062	1.75419
Fe3.5510	Fe8.1363	2.06034	Ft6.2882	Ft7.5044	1.75403
Fe7.8608	Fe8.9767	2.06026	Ft2.6493	Ft3.1512	1.75395

Fe5.5020	Fe6.5989	2.06021	Ft4.5422	Ft6.118	1.75394
Fe2.1181	Fe8.4161	2.06004	Ft2.6092	Ft6.2267	1.75393
Fe2.13454	Fe7.1527	2.05992	Ft2.961	Ft8.1227	1.75392
Fe4.11755	Fe7.9841	2.05992	Ft3.2387	Ft4.482	1.75387
Fe1.11910	Fe2.5060	2.05969	Ft2.4120	Ft7.4906	1.75386
Fe4.5969	Fe8.1555	2.05946	Ft2.5231	Ft8.161	1.75366
Fe2.12938	Fe8.10996	2.05933	Ft3.872	Ft8.3394	1.75365
Fe3.5383	Fe4.12689	2.0593	Ft2.3684	Ft4.5817	1.75351
Fe6.5140	Fe6.10224	2.05924	Ft3.1318	Ft7.706	1.75334
Fe5.14297	Fe6.422	2.05909	Ft2.5221	Ft8.1722	1.75325
Fe7.11335	Fe8.2018	2.05904	Ft2.3092	Ft4.2972	1.75281
Fe1.14503	Fe2.11915	2.05899	Ft3.2261	Ft3.4650	1.75255
Fe2.13789	Fe3.1524	2.05897	Ft4.3395	Ft8.1724	1.75241
Fe5.7578	Fe6.9851	2.05893	Ft1.2709	Ft6.1837	1.75206
Fe1.141	Fe2.12170	2.0587	Ft1.2714	Ft2.5212	1.75197
Fe2.8588	Fe3.11902	2.05869	Ft3.1907	Ft7.3454	1.75171
Fe2.7872	Fe7.1465	2.05866	Ft2.914	Ft7.4958	1.75157
Fe3.2319	Fe7.1001	2.0586	Ft2.3484	Ft3.5150	1.75149
Fe1.6520	Fe8.9164	2.05854	Ft4.1156	Ft6.3358	1.75145
Fe2.1245	Fe4.5602	2.05833	Ft2.2561	Ft2.3092	1.75144
Fe4.4715	Fe7.5945	2.05819	Ft8.3744	Ft8.5057	1.75139
Fe5.9011	Fe5.13081	2.05812	Ft3.2601	Ft6.561	1.75137
Fe5.1161	Fe8.954	2.05798	Ft1.647	Ft5.889	1.75085
Fe3.8743	Fe3.9679	2.05795	Ft2.6451	Ft3.132	1.75085
Fe4.3924	Fe7.9776	2.05791	Ft2.1009	Ft8.2059	1.75082
Fe2.8404	Fe6.11303	2.05758	Ft4.162	Ft4.5660	1.75077
Fe2.2964	Fe6.1884	2.05753	Ft2.1054	Ft4.2934	1.75062
Fe3.10013	Fe3.13758	2.05746	Ft1.317	Ft6.917	1.75051
Fe1.473	Fe2.11198	2.05745	Ft5.727	Ft5.2114	1.75016
Fe1.14503	Fe2.11424	2.05735	Ft2.4248	Ft2.6593	1.7501
Fe4.5969	Fe8.3656	2.05718	Ft2.4305	Ft8.3394	1.75002
Fe3.43	Fe6.1184	2.05698	Ft6.1929	Ft7.1484	1.74999
Fe1.3705	Fe5.2748	2.05695	Ft4.2108	Ft6.918	1.74992
Fe2.10534	Fe4.10236	2.05686	Ft5.199	Ft6.1147	1.74988
Fe1.6176	Fe5.5956	2.05668	Ft3.5490	Ft4.5865	1.74966
Fe1.4415	Fe5.9103	2.05662	Ft4.3395	Ft8.2888	1.74894
Fe1.10243	Fe4.7855	2.05653	Ft7.385	Ft7.598	1.74865
Fe7.11516	Hic.scaffold.9.103	2.05639	Ft2.2591	Ft3.2865	1.74859
Fe1.4361	Fe2.7804	2.05634	Ft3.1007	Ft8.2712	1.74817
Fe2.13704	Fe5.1737	2.05627	Ft2.1039	Ft8.3496	1.74815
Fe1.3702	Fe3.12657	2.05623	Ft3.5585	Ft5.957	1.74798
Fe3.3266	Fe4.101	2.05619	Ft1.317	Ft3.4619	1.74775
Fe6.3485	Fe7.12676	2.0561	Ft1.176	Ft6.55	1.74763
Fe1.4126	Fe2.14086	2.05587	Ft1.2814	Ft3.4687	1.74754
Fe2.1577	Fe5.10011	2.05585	Ft3.1263	Ft7.4306	1.74743
Fe4.14131	Fe5.10329	2.05555	Ft2.2655	Ft7.4832	1.7474
Fe1.9637	Fe6.10220	2.05545	Ft2.5257	Ft8.1969	1.74733
Fe2.10267	Fe4.7979	2.05543	Ft4.2681	Ft8.824	1.74722
Fe5.7724	Fe6.9851	2.05541	Ft6.2187	Ft8.2325	1.7472
Fe4.1306	Fe4.3931	2.05495	Ft4.2631	Ft7.2128	1.74707
Fe2.2109	Fe2.13872	2.05492	Ft4.5544	Ft8.161	1.74698
Fe1.10177	Fe2.3194	2.0549	Ft7.2315	Ft8.1566	1.74681
Fe2.4470	Fe3.10189	2.0549	Ft5.406	Ft6.2854	1.74679
Fe2.4080	Fe6.3754	2.05482	Ft2.5398	Ft8.2473	1.74667
Fe3.11785	Fe4.13209	2.05479	Ft1.1669	Ft3.1249	1.74661

Fe4.7846	Fe5.7551	2.05477	Ft2.6555	Ft3.5203	1.7464
Fe4.5622	Fe4.11728	2.05476	Ft6.1808	Ft7.1860	1.74618
Fe1.14375	Fe7.3846	2.05475	Ft2.6591	Ft4.6036	1.74612
Fe1.14015	Fe4.11381	2.05472	Ft6.3333	Ft7.4852	1.74587
Fe3.7985	Fe3.9114	2.0547	Ft4.1633	Ft4.3542	1.74567
Fe2.11198	Fe8.9209	2.05453	Ft2.3698	Ft3.5399	1.74552
Fe1.7830	Fe4.1457	2.0545	Ft3.3734	Ft8.825	1.74541
Fe3.13572	Fe4.910	2.05437	Ft2.1532	Ft6.1930	1.74522
Fe3.13769	Fe8.9956	2.05419	Ft2.6145	Ft6.1295	1.74508
Fe1.10142	Fe1.10768	2.05417	Ft2.2665	Ft2.5955	1.74505
Fe4.3568	Fe7.11617	2.05413	Ft2.630	Ft7.4954	1.74503
Fe3.173	Fe7.443	2.05392	Ft3.2018	Ft8.3621	1.74482
Fe3.9294	Fe7.3716	2.05389	Ft1.812	Ft2.6203	1.74463
Fe2.10248	Fe7.3374	2.05378	Ft2.1054	Ft3.3592	1.74423
Fe3.736	Fe3.14567	2.0537	Ft3.2811	Ft4.2168	1.74377
Fe2.13786	Fe8.9997	2.05365	Ft5.1207	Ft7.4775	1.74328
Fe2.3170	Fe8.8094	2.0535	Ft2.2655	Ft7.280	1.74289
Fe4.1246	Fe8.9618	2.05301	Ft2.5428	Ft8.4645	1.74277
Fe1.13876	Fe8.9690	2.05295	Ft2.4525	Ft8.1552	1.74271
Fe3.7633	Fe7.689	2.05294	Ft4.6005	Ft7.4183	1.7427
Fe6.9754	Fe7.7422	2.05294	Ft1.1790	Ft5.392	1.74264
Fe2.2863	Fe4.1252	2.05288	Ft3.720	Ft3.1358	1.74245
Fe3.14516	Fe6.12235	2.05276	Ft3.532	Ft7.3596	1.74204
Fe7.5977	Fe7.13226	2.05268	Ft2.842	Ft7.1577	1.74194
Fe3.5714	Fe6.6006	2.0522	Ft1.392	Ft1.2789	1.74186
Fe7.12854	Fe8.6611	2.05202	Ft4.1964	Ft4.3846	1.74184
Fe3.11862	Fe5.10627	2.052	Ft1.2553	Ft6.1627	1.74157
Fe5.2999	Fe5.13429	2.05188	Ft2.5304	Ft3.853	1.7412
Fe5.13960	Fe8.774	2.05161	Ft7.2724	Ft8.749	1.74099
Fe4.5908	Fe7.11598	2.05155	Ft1.2818	Ft6.1004	1.7409
Fe5.9650	Fe8.11516	2.05153	Ft1.2770	Ft6.962	1.74068
Fe8.4131	Fe8.5463	2.05138	Ft2.2821	Ft8.5139	1.74025
Fe3.9242	Fe5.8190	2.05129	Ft2.4144	Ft3.5596	1.74025
Fe5.2852	Fe8.973	2.05108	Ft2.2787	Ft3.1008	1.74019
Fe4.5908	Fe6.5989	2.05104	Ft3.2513	Ft6.2415	1.74012
Fe5.7724	Fe8.4178	2.05095	Ft3.4720	Ft6.2591	1.73994
Fe5.9355	Fe7.1303	2.05069	Ft8.338	Ft8.4998	1.7398
Fe3.3586	Fe7.7153	2.05046	Ft4.5602	Ft4.5937	1.73974
Fe2.14179	Hic.scaffold.9.145	2.05035	Ft2.3359	Ft8.3996	1.73965
Fe2.11861	Fe7.1841	2.05033	Ft6.3391	Ft8.3996	1.73942
Fe1.12189	Fe2.9360	2.05029	Ft3.3034	Ft7.3066	1.73938
Fe7.3724	Fe7.6232	2.05008	Ft7.2599	Ft8.4153	1.73927
Fe3.9974	Fe6.5213	2.05006	Ft4.5774	Ft5.865	1.73911
Fe6.9801	Fe8.9772	2.04993	Ft2.4117	Ft2.5853	1.7391
Fe2.11243	Fe6.2481	2.04991	Ft4.753	Ft6.1044	1.73902
Fe1.2242	Fe5.77	2.04988	Ft3.1474	Ft8.798	1.73893
Fe4.9493	Fe6.3103	2.04981	Ft7.3223	Ft8.2555	1.73861
Fe2.8529	Fe6.11384	2.04965	Ft7.3454	Ft8.592	1.73861
Fe4.66	Fe6.1376	2.04939	Ft3.3740	Ft7.2730	1.73839
Fe1.13962	Fe8.10112	2.04933	Ft2.3828	Ft2.4203	1.7382
Fe2.10421	Fe3.13790	2.04916	Ft4.1533	Ft8.2125	1.73807
Fe2.10438	Fe3.13780	2.04916	Ft2.6415	Ft3.151	1.73804
Fe6.5193	Fe8.5307	2.04913	Ft2.842	Ft3.3329	1.73802
Fe5.11994	Fe8.4065	2.0491	Ft3.4710	Ft5.678	1.73799
Fe4.5969	Fe4.8339	2.04908	Ft3.5585	Ft8.302	1.73784

Fe7.7422	Fe8.3548	2.04901	Ft1.2480	Ft6.1098	1.73773
Fe2.3554	Fe2.8048	2.04889	Ft2.5853	Ft8.4508	1.73741
Fe2.9401	Fe7.11367	2.04882	Ft1.2317	Ft8.5211	1.73692
Fe4.142	Fe7.11633	2.04878	Ft4.4613	Ft7.3453	1.7368
Fe1.12144	Fe4.11777	2.04841	Ft6.2835	Ft7.5129	1.7368
Fe6.9598	Fe8.5076	2.04839	Ft2.2651	Ft6.3269	1.73676
Fe2.11251	Hic.scaffold.12.165	2.04828	Ft4.172	Ft8.3708	1.73661
Fe1.10270	Fe2.2525	2.04818	Ft3.2322	Ft8.3403	1.73656
Fe1.9512	Fe7.6295	2.04802	Ft3.1247	Ft6.1044	1.73609
Fe4.12232	Fe7.83	2.04793	Ft4.3191	Ft7.1596	1.73586
Fe1.5766	Fe2.9558	2.04784	Ft3.3788	Ft8.4768	1.73575
Fe3.7276	Fe6.12154	2.04756	Ft2.1781	Ft2.3380	1.73548
Fe3.5622	Fe5.8308	2.0475	Ft3.3780	Ft4.2654	1.7353
Fe2.6624	Fe4.7634	2.04731	Ft7.1591	Ft7.4183	1.7351
Fe1.2294	Fe2.8805	2.04718	Ft2.1532	Ft4.5472	1.73493
Fe4.5133	Fe4.11293	2.04716	Ft2.6615	Ft3.423	1.73489
Fe5.2654	Fe7.862	2.04661	Ft2.259	Ft4.5349	1.73488
Fe2.13764	Fe4.3914	2.04659	Ft1.2717	Ft6.879	1.73484
Fe2.10301	Fe3.7618	2.04636	Ft3.5738	Ft4.6009	1.73463
Fe2.1424	Fe6.2074	2.04636	Ft5.2628	Ft5.2840	1.73423
Fe2.3666	Fe5.2883	2.04575	Ft1.832	Ft2.6180	1.73401
Fe2.9640	Fe3.5930	2.04554	Ft4.1897	Ft7.234	1.73381
Fe2.7905	Fe4.6106	2.04553	Ft2.5923	Ft4.4097	1.73372
Fe6.11750	Fe8.834	2.0455	Ft5.502	Ft5.2676	1.73368
Fe2.1406	Fe4.489	2.04545	Ft2.223	Ft4.4182	1.73367
Fe3.12337	Fe6.9795	2.04545	Ft2.3511	Ft6.1040	1.73365
Fe5.11767	Fe7.6138	2.04541	Ft2.2324	Ft4.340	1.73364
Fe5.124	Fe5.13129	2.04523	Ft3.3217	Ft4.2074	1.73356
Fe2.2422	Fe4.1082	2.04516	Ft2.904	Ft2.5847	1.7335
Fe7.1045	Fe8.10438	2.04501	Ft1.2402	Ft7.4800	1.73336
Fe3.4568	Fe5.8013	2.04483	Ft4.2127	Ft4.3919	1.73328
Fe5.14479	Fe7.2616	2.04479	Ft2.6069	Ft3.1907	1.73326
Fe4.10101	Fe8.2073	2.04461	Ft3.1380	Ft7.2654	1.73321
Fe2.4820	Fe4.7046	2.04455	Ft6.871	Ft6.3269	1.73278
Fe7.6108	Fe7.9820	2.04454	Ft1.48	Ft6.1439	1.73261
Fe5.3095	Fe8.9250	2.04443	Ft1.2422	Ft2.6573	1.7325
Fe3.10016	Fe6.1932	2.0443	Ft3.1060	Ft7.5134	1.73248
Fe2.11496	Fe4.13261	2.04426	Ft4.4065	Ft7.970	1.7324
Fe2.533	Fe2.1207	2.04401	Ft4.186	Ft7.2920	1.73229
Fe1.13135	Fe8.10673	2.0437	Ft4.409	Ft8.318	1.73225
Fe3.4153	Fe8.11090	2.04346	Ft2.461	Ft2.6076	1.73222
Fe6.9419	Fe8.5353	2.04328	Ft3.3287	Ft4.885	1.73217
Fe6.5706	Fe7.11200	2.04309	Ft7.1653	Ft8.166	1.73211
Fe2.14068	Fe4.2840	2.04296	Ft6.30	Ft8.3878	1.73203
Fe1.7254	Fe4.7275	2.04293	Ft2.3294	Ft5.554	1.73202
Fe3.10406	Fe7.13227	2.04256	Ft2.818	Ft2.2289	1.73202
Fe3.10617	Fe7.3708	2.04246	Ft1.2421	Ft2.3995	1.73185
Fe3.8983	Fe8.7875	2.04242	Ft2.3840	Ft2.5702	1.73183
Fe5.10636	Fe7.3560	2.0424	Ft4.6034	Ft5.662	1.7317
Fe4.3862	Fe7.3846	2.04233	Ft1.564	Ft5.986	1.73157
Fe3.7985	Fe4.9132	2.0422	Ft6.1442	Ft7.2073	1.73156
Fe3.9225	Fe3.9792	2.04213	Ft1.1712	Ft5.355	1.73151
Fe3.8601	Fe3.12046	2.04203	Ft3.1907	Ft3.2029	1.73143
Fe2.8276	Fe7.12376	2.04202	Ft2.569	Ft4.1583	1.73134
Fe2.12770	Fe8.9539	2.04197	Ft2.1349	Ft3.5135	1.73127

Fe3.3379	Fe6.5860	2.04192	Ft4.5614	Ft7.419	1.73087
Fe3.4973	Fe8.3073	2.04181	Ft3.803	Ft4.413	1.73073
Fe6.6120	Fe7.11459	2.04176	Ft3.1247	Ft6.1939	1.73036
Fe7.11335	Fe8.4611	2.04136	Ft7.1608	Ft7.3283	1.73033
Fe1.10152	Fe4.851	2.04132	Ft3.654	Ft3.1305	1.72998
Fe2.4346	Fe4.10186	2.04126	Ft2.6346	Ft2.6421	1.72994
Fe2.2307	Fe3.13562	2.04116	Ft3.3943	Ft7.2097	1.72983
Fe4.12395	Fe6.9071	2.041	Ft8.221	Ft8.5052	1.72966
Fe2.533	Fe3.2444	2.04093	Ft3.2828	Ft8.1920	1.72959
Fe3.968	Fe5.2863	2.04078	Ft2.5756	Ft4.5492	1.7293
Fe8.10054	Fe8.12030	2.04078	Ft2.4315	Ft7.4835	1.72911
Fe5.3829	Fe8.2483	2.04073	Ft7.807	Ft8.4277	1.72879
Fe2.10534	Fe3.1429	2.04066	Ft5.752	Ft5.1191	1.72839
Fe5.1222	Fe7.5675	2.04036	Ft2.2378	Ft3.385	1.72837
Fe4.2707	Fe4.14227	2.04033	Ft3.3094	Ft4.112	1.72835
Fe2.11131	Fe4.11545	2.04006	Ft3.853	Ft7.1599	1.72818
Fe2.7809	Fe5.7646	2.03995	Ft4.5367	Ft5.1698	1.72812
Fe1.8721	Fe5.9789	2.03974	HiC_scaffold_5_[	iC_scaffold_5_19	1.72801
Fe2.10877	Fe4.14216	2.03974	Ft2.6615	Ft4.2921	1.72799
Fe6.5077	Fe6.11666	2.03974	Ft4.4827	Ft6.3406	1.72773
Fe2.10652	Fe7.1185	2.03973	Ft2.1607	Ft3.2069	1.72768
Fe5.3566	Fe7.11335	2.03969	Ft6.3202	Ft7.3245	1.72763
Fe4.4841	Fe4.6031	2.03935	Ft8.3749	Ft8.3976	1.72758
Fe1.11979	Fe3.3080	2.03931	Ft3.2630	Ft6.1042	1.72754
Fe5.3854	Fe7.1750	2.0392	Ft7.1648	Ft8.3294	1.72752
Fe2.8585	Fe4.3649	2.03916	Ft3.5510	Ft4.340	1.72695
Fe1.1088	Fe7.2353	2.03914	Ft3.818	Ft8.4937	1.72692
Fe4.910	Fe8.12133	2.03905	Ft2.284	Ft4.6242	1.72687
Fe1.7329	Fe4.7634	2.03868	Ft2.461	Ft2.1546	1.72672
Fe3.12353	Fe3.13899	2.03865	Ft3.334	Ft8.3878	1.72664
Fe5.5375	Fe6.6668	2.0385	Ft2.1532	Ft2.1803	1.72645
Fe6.8268	Fe6.9328	2.03838	Ft8.317	Ft8.791	1.72641
Fe2.12338	Fe8.2130	2.03833	Ft2.3038	Ft3.5726	1.72608
Fe5.10998	Fe6.12025	2.03832	Ft1.1887	Ft4.1548	1.72574
Fe2.11328	Fe2.11907	2.03795	Ft3.1730	Ft7.2822	1.7256
Fe2.13118	Fe4.12338	2.03788	Ft2.4523	Ft5.472	1.72558
Fe4.8047	Fe8.4178	2.03771	Ft4.4784	HiC.scaffold.5.104	1.72556
Fe5.11684	Fe8.7404	2.03763	Ft7.1086	Ft8.1649	1.72553
Fe1.4457	Fe4.2989	2.0375	Ft7.1669	Ft8.1722	1.72527
Fe3.13134	Fe4.5389	2.03747	Ft4.5647	Ft8.4375	1.72507
Fe1.9278	Fe3.8287	2.03725	Ft3.2111	Ft4.4396	1.72503
Fe5.13223	Fe8.10028	2.03713	Ft3.1398	Ft7.476	1.72473
Fe6.7806	Fe7.3967	2.0371	Ft3.3279	Ft8.2856	1.72406
Fe3.10672	Fe8.6652	2.03697	Ft2.3358	Ft6.2394	1.72401
Fe1.10493	Fe4.708	2.03683	Ft6.2837	Ft7.3107	1.72401
Fe4.1956	Fe5.14437	2.0367	Ft2.6537	Ft3.1317	1.72382
Fe1.511	Fe4.14239	2.0364	Ft2.6634	Ft4.5983	1.72345
Fe1.6231	Fe6.5364	2.03637	Ft2.5704	Ft4.934	1.72339
Fe2.8524	Fe8.7255	2.03606	Ft2.2520	Ft8.3464	1.72334
Fe3.13146	Fe5.3939	2.03566	Ft2.3037	Ft3.1426	1.72308
Fe4.4146	Fe8.10849	2.03551	Ft1.1562	Ft7.4842	1.72306
Fe1.6347	Fe8.443	2.0355	Ft4.6246	Ft8.3087	1.72305
Fe2.544	Fe7.9877	2.03543	Ft1.1005	Ft6.1208	1.723
Fe3.12243	Fe6.2520	2.03538	Ft1.1258	Ft8.505	1.723
Fe4.9187	Fe5.12260	2.03528	Ft7.3745	Ft8.3824	1.723

Fe1.7246	Fe6.10807	2.03527	Ft2.5910	Ft7.419	1.72294
Fe1.13642	Fe7.2085	2.03478	Ft3.4604	Ft6.732	1.7227
Fe4.1959	Hic.scaffold.13.291	2.03453	Ft5.748	Ft5.1193	1.72267
Fe3.1831	Fe7.3791	2.03442	Ft2.711	Ft7.41	1.7224
Fe3.9470	Fe4.10921	2.03423	Ft2.2391	Ft4.1771	1.72233
Fe2.2450	Fe2.4647	2.03422	Ft3.1475	Ft4.129	1.7222
Fe1.6181	Fe1.11979	2.03417	Ft3.5128	Ft8.1787	1.72193
Fe4.4934	Fe4.13344	2.03406	Ft2.5765	Ft8.161	1.72189
Fe6.3754	Fe7.1793	2.03405	Ft2.2830	Ft3.2055	1.72146
Fe1.2052	Hic.scaffold.10.403	2.03386	Ft4.221	Ft8.2660	1.72144
Fe7.464	Fe7.5488	2.03372	Ft1.1898	Ft4.3606	1.72137
Fe3.13836	Fe5.3920	2.03349	Ft3.141	Ft7.3503	1.72106
Fe2.13358	Fe5.9051	2.03333	Ft7.4741	Ft7.4995	1.72092
Fe1.457	Fe2.11189	2.03319	Ft2.3415	Ft2.5577	1.7209
Fe2.13048	Fe8.8038	2.03285	Ft4.2576	Ft8.491	1.72062
Fe1.10687	Fe3.4103	2.03264	Ft4.93	Ft8.1450	1.72061
Fe3.9201	Fe7.9841	2.03261	Ft6.1224	Ft8.3580	1.72048
Fe1.2538	Fe3.7728	2.03259	Ft4.4756	Ft7.2584	1.7198
Fe1.14062	Fe6.4152	2.03253	Ft4.1333	Ft4.3942	1.71973
Fe1.3620	Fe2.2633	2.03249	Ft3.3104	Ft4.3299	1.71972
Fe2.9651	Fe5.12739	2.03245	Ft2.3669	Ft2.5432	1.7196
Fe3.436	Fe7.1123	2.03244	Ft2.5201	Ft8.1885	1.71954
Fe1.450	Fe2.13721	2.03242	Ft3.1929	Ft4.3789	1.71933
Fe2.12225	Fe8.8160	2.03231	Ft4.132	Ft8.137	1.71903
Fe1.10687	Fe3.5763	2.0323	Ft4.4523	Ft7.2622	1.71898
Fe2.9214	Fe6.8997	2.03208	Ft3.951	Ft8.439	1.71873
Fe2.2872	Fe6.8990	2.03202	Ft2.3655	Ft4.5831	1.71848
Fe4.9656	Fe6.9738	2.03191	Ft2.5390	Ft6.902	1.71846
Fe4.9484	Fe7.7007	2.0319	Ft2.6594	Ft4.5650	1.71819
Fe8.10877	Hic.scaffold.9.788	2.03158	Ft2.5194	Ft8.1762	1.71809
Fe7.4182	Hic.scaffold.10.31	2.03147	Ft4.1094	Ft8.141	1.71785
Fe2.5041	Fe7.6295	2.03142	Ft7.3993	Ft8.3712	1.71766
Fe2.2677	Fe4.793	2.03127	Ft4.3030	Ft7.1378	1.7176
Fe4.8875	Fe8.3872	2.03125	Ft7.690	Ft8.254	1.71736
Fe3.9482	Fe8.10209	2.03124	Ft1.647	Ft1.1683	1.71732
Fe2.7940	Fe5.4722	2.03123	Ft7.4952	Ft8.3712	1.71714
Fe1.3155	Fe2.7949	2.03122	Ft2.2457	Ft2.4575	1.71697
Fe2.12643	Fe4.4563	2.03091	Ft3.5487	Ft7.3107	1.71696
Fe2.1623	Fe2.3549	2.03073	Ft2.2858	Ft3.1515	1.71655
Fe4.1929	Fe8.11438	2.03069	Ft2.4317	Ft4.753	1.71651
Fe5.12226	Fe5.13464	2.03068	Ft2.5732	Ft2.6101	1.71638
Fe3.14363	Fe5.9135	2.03065	Ft2.2323	Ft4.1665	1.71624
Fe2.9805	Fe3.1438	2.03058	Ft2.6000	Ft3.5684	1.71601
Fe2.1519	Fe3.13435	2.03051	Ft3.1958	Ft7.1637	1.71578
Fe6.840	Fe8.9945	2.0305	Ft5.719	Ft8.3679	1.71558
Fe4.11728	Fe5.10977	2.0304	Ft4.5943	Ft8.4069	1.71524
Fe8.2471	Fe8.4103	2.03039	Ft4.47	Ft8.1356	1.71485
Fe4.8504	Fe6.8424	2.03017	Ft3.16	Ft6.2076	1.71476
Fe4.3970	Fe8.9686	2.03005	Ft2.311	Ft8.195	1.7144
Fe3.11950	Fe6.2340	2.02973	Ft2.5652	Ft8.318	1.71427
Fe5.9989	Fe6.9185	2.02963	Ft4.1917	Ft4.2239	1.71425
Fe3.12418	Fe6.10461	2.02938	Ft3.829	Ft7.3998	1.71421
Fe4.6042	Fe6.9738	2.02937	Ft2.5936	Ft8.4341	1.71414
Fe4.1459	Fe8.10652	2.02936	Ft2.5313	Ft7.1434	1.71411
Fe2.10877	Fe6.2481	2.02926	Ft2.4529	Ft2.5936	1.71405

Fe1.1346	Fe2.13280	2.02923
Fe5.6169	Fe6.9851	2.02909
Fe5.9544	Fe6.8380	2.029
Fe1.9764	Fe3.7768	2.02894
Fe2.13501	Fe8.11015	2.02894
Fe3.7369	Fe4.8400	2.02854
Fe1.13158	Fe7.3878	2.0284
Fe2.659	Fe2.7739	2.02831
Fe6.902	Fe6.2262	2.02828
Fe2.13113	Fe7.905	2.02822
Fe1.2401	Fe5.12370	2.0282
Fe1.3625	Fe6.5193	2.0282
Fe2.13551	Fe3.13562	2.02818
Fe6.5915	Fe7.4725	2.02802
Fe6.4314	Fe8.5464	2.02788
Fe1.9769	Fe3.4705	2.02782
Fe2.4113	Fe6.10261	2.02774
Fe2.10891	Fe6.2497	2.02767
Fe1.14547	Fe3.191	2.0275
Fe2.9544	Fe4.5755	2.02743
Fe2.7687	Fe8.3743	2.02727
Fe3.6522	Fe4.9693	2.0272
Fe1.6176	Fe3.4065	2.02716
Fe2.8463	Fe3.1730	2.02713
Fe5.3990	Fe7.4989	2.02711
Fe1.7426	Fe8.4611	2.02697
Fe6.7441	Fe7.3508	2.02691
Fe1.12063	Fe4.6048	2.02688
Fe1.3955	Fe4.7855	2.02659
Fe8.5533	Fe8.9286	2.02656
Fe1.7933	Fe3.12055	2.02647
Fe4.490	Fe4.13076	2.02645
Fe3.173	Fe8.12144	2.02636
Fe2.10358	Fe2.12179	2.02631
Fe2.8594	Fe2.11327	2.0263
Fe2.6926	Fe8.10851	2.02618
Fe1.11454	Fe7.6816	2.02617
Fe1.2015	Fe3.11796	2.02615
Fe5.1005	Fe6.4889	2.02597
Fe1.8681	Fe5.7191	2.02596
Fe4.9707	Fe6.10588	2.0259
Fe5.3876	Fe8.503	2.02577
Fe6.11147	Hic.scaffold.9.382	2.02573
Fe2.8418	Fe6.12117	2.02567
Fe6.3644	Fe6.10868	2.02563
Fe6.9239	Fe8.5307	2.02563
Fe1.12560	Fe5.1360	2.02556
Fe2.2713	Fe2.11091	2.02554
Fe1.895	Fe3.14290	2.02543
Fe1.14394	Fe5.13274	2.02536
Fe1.573	Fe5.13274	2.02536
Fe5.5147	Fe5.13274	2.02536
Fe5.4037	Fe6.572	2.02528
Fe1.12619	Fe8.11065	2.02515
Fe1.7329	Fe7.7007	2.02514
Ft4.1471	Ft4.3791	1.71402
Ft1.12	Ft6.1384	1.71398
Ft6.1383	Ft7.3039	1.71384
Ft1.1258	Ft7.2313	1.71379
Ft2.2040	Ft3.584	1.71377
Ft5.35	Ft5.724	1.71369
Ft3.4817	Ft4.1961	1.71353
Ft4.5977	Ft8.4210	1.71335
Ft3.1564	Ft8.3306	1.71332
Ft4.313	Ft7.3278	1.7133
Ft2.2376	Ft8.4966	1.71319
Ft5.455	Ft5.1074	1.71313
Ft2.4052	Ft6.1421	1.71294
Ft4.753	Ft7.3943	1.71291
Ft2.3622	Ft5.2987	1.71244
Ft2.1686	Ft7.3004	1.71233
Ft5.2027	Ft5.2891	1.71215
Ft7.1262	Ft8.3026	1.71201
Ft2.2651	Ft7.5263	1.71196
Ft6.1800	Ft8.1975	1.71195
Ft3.5150	Ft5.2970	1.71162
Ft3.3892	Ft7.1269	1.71146
Ft6.1455	Ft8.3510	1.71126
Ft3.2035	Ft3.2441	1.71084
Ft1.1260	Ft8.501	1.71081
HiC_scaffold_5_1	iC_scaffold_5_33	1.7105
Ft2.2754	Ft4.1690	1.71003
Ft1.2676	Ft4.4091	1.71002
Ft2.499	Ft8.1946	1.70991
Ft2.1532	Ft7.1209	1.70987
Ft2.4222	Ft4.4545	1.70979
Ft4.829	Ft4.2074	1.70966
Ft2.5474	Ft3.1840	1.70963
Ft3.5619	Ft5.2933	1.70961
Ft2.2714	Ft4.1717	1.70952
Ft2.1843	Ft8.1253	1.70938
Ft2.2391	Ft8.4508	1.70906
Ft5.1377	Ft5.2156	1.70895
Ft1.2315	Ft8.5212	1.70886
Ft2.1054	Ft6.1939	1.70864
Ft3.2777	Ft4.2196	1.70785
Ft4.2628	Ft6.3307	1.70741
Ft3.2879	Ft4.4873	1.70723
Ft2.6534	Ft4.219	1.70722
Ft7.3490	Ft8.4153	1.70699
Ft3.1072	Ft3.3495	1.70698
Ft2.991	Ft7.4915	1.70667
Ft1.1609	Ft8.2101	1.70642
Ft4.4107	Ft5.357	1.7063
Ft3.1247	Ft8.492	1.7062
Ft8.1715	Ft8.2898	1.70594
Ft3.71	Ft6.2105	1.70582
Ft2.3855	Ft7.2905	1.70577
Ft7.3021	Ft8.828	1.70574
Ft4.167	Ft8.3693	1.70569

Fe1.12827	Fe4.11466	2.025	Ft2.4525	Ft4.814	1.70568
Fe7.6018	Fe8.5493	2.025	Ft1.2676	Ft2.3838	1.70547
Fe8.4322	Fe8.5256	2.02495	Ft6.3247	Ft8.749	1.70475
Fe2.4702	Fe5.7724	2.02486	Ft1.2838	Ft7.2405	1.70464
Fe6.4808	Fe6.11817	2.0248	Ft1.2385	Ft2.2391	1.70458
Fe1.4197	Fe2.468	2.02477	Ft2.2651	Ft4.814	1.70451
Fe4.11631	Fe7.2551	2.02451	Ft2.2294	Ft3.385	1.70418
Fe5.6623	Fe8.6857	2.02448	Ft2.461	Ft4.3816	1.70395
Fe1.4642	Fe2.4886	2.02425	Ft4.2000	Ft8.1609	1.70387
Fe5.3356	Fe5.3736	2.0242	Ft2.896	Ft7.1955	1.70362
Fe2.10807	Fe2.12955	2.02414	Ft2.2876	Ft3.1332	1.70349
Fe3.8790	Fe8.2545	2.0241	Ft2.1821	Ft8.1670	1.70346
Fe1.3839	Fe8.9530	2.02392	Ft6.863	Ft7.3110	1.70325
Fe5.12787	Fe7.118	2.02384	Ft2.1097	Ft2.5378	1.70319
Fe3.13803	Fe7.3807	2.02377	Ft6.2340	Ft8.1459	1.70317
Fe7.13067	Fe8.3180	2.02377	Ft2.3101	Ft3.1288	1.70316
Fe2.8039	Fe2.10712	2.02362	Ft2.6216	Ft7.4939	1.70311
Fe2.10253	Fe7.4153	2.02352	Ft4.2987	Ft6.1864	1.7029
Fe2.10825	Fe5.2963	2.02334	Ft1.2778	Ft6.973	1.70271
Fe4.10192	Fe5.6601	2.02315	Ft1.1956	Ft5.452	1.7027
Fe8.3444	Fe8.10810	2.02295	Ft2.5702	Ft7.4843	1.70259
Fe1.12052	Fe2.10223	2.0229	Ft5.2593	Ft6.1189	1.70246
Fe4.4044	Fe7.10098	2.0228	Ft7.2802	Ft7.3013	1.70218
Fe1.10146	Fe3.12055	2.02247	Ft7.2062	Ft7.3368	1.70184
Fe6.11223	Fe8.4333	2.02206	Ft1.1445	Ft5.1679	1.70182
Fe1.7419	Fe2.7732	2.02198	Ft6.11	Ft7.2996	1.7017
Fe5.3920	Fe7.3271	2.02174	Ft3.4154	Ft8.307	1.70147
Fe2.2577	Fe5.7819	2.02171	Ft1.1082	Ft6.1172	1.70123
Fe2.8187	Fe5.12788	2.02168	Ft1.1863	Ft2.1817	1.70121
Fe2.2713	Fe4.11846	2.02154	Ft2.3422	Ft2.6615	1.70084
Fe1.6595	Fe8.5918	2.02146	Ft2.1803	Ft3.2056	1.70078
Fe3.14236	Fe7.1028	2.02146	Ft2.6646	Ft8.4180	1.70056
Fe5.11064	Fe7.3716	2.0212	Ft3.1583	Ft4.4153	1.70052
Fe3.6095	Fe6.12235	2.02107	Ft4.4880	Ft6.144	1.70051
Fe7.10000	Fe7.11405	2.02094	Ft2.1794	Ft8.1482	1.70044
Fe5.1346	Fe5.3942	2.02091	Ft3.818	Ft8.4797	1.7004
Fe1.13960	Fe2.13843	2.02067	Ft2.2778	Ft8.693	1.70039
Fe1.12562	Fe3.14129	2.0206	Ft4.1891	Ft5.508	1.70039
Fe4.9661	Fe6.6229	2.02058	Ft4.1964	Ft8.604	1.70035
Fe6.5960	Hic.scaffold.13.213	2.02009	Ft3.590	Ft4.4545	1.70012
Fe5.12291	Fe6.10249	2.02001	Ft2.6099	Ft3.879	1.69977
Fe3.14027	Fe4.2975	2.01989	Ft4.6009	Ft5.1503	1.69961
Fe4.6106	Fe7.857	2.01988	Ft3.2055	Ft5.2255	1.6996
Fe2.8051	Fe3.3081	2.01983	Ft2.5221	Ft7.4952	1.69927
Fe3.11992	Fe7.3556	2.01972	Ft2.6491	Ft7.1777	1.69856
Fe1.7128	Fe6.9640	2.01944	Ft4.2935	Ft4.3846	1.69836
Fe2.2520	Fe7.3498	2.01941	Ft2.5428	Ft7.4687	1.69832
Fe7.2698	Fe7.3498	2.01923	Ft1.2302	Ft5.2072	1.69801
Fe4.14421	Fe8.10608	2.01914	Ft3.807	Ft6.3196	1.69799
Fe2.11327	Fe3.8580	2.01907	Ft2.3792	Ft2.4265	1.69795
Fe3.14129	Fe8.9970	2.01898	Ft2.5385	Ft8.3577	1.69787
Fe1.1389	Fe7.3716	2.01896	Ft4.186	Ft8.5007	1.69776
Fe4.3914	Fe4.14491	2.01894	Ft4.266	Ft8.3650	1.69773
Fe2.9012	Fe8.11518	2.01885	Ft2.2477	Ft8.4237	1.69745
Fe3.5056	Fe7.5616	2.01872	Ft2.1706	Ft3.4570	1.69703

Fe4.13868	Fe7.1483	2.01855
Fe1.12907	Fe6.11267	2.01851
Fe4.3831	Hic.scaffold.12.93	2.0179
Fe4.6000	Fe7.4972	2.01747
Fe6.5989	Fe6.11750	2.01744
Fe2.1467	Fe7.6108	2.01738
Fe2.5134	Fe7.12894	2.01728
Fe1.6520	Fe5.7454	2.01707
Fe5.7551	Fe8.4958	2.01698
Fe1.14577	Hic.scaffold.11.157	2.01682
Fe3.7835	Fe7.8079	2.01682
Fe4.3776	Fe5.4473	2.01675
Fe4.13327	Fe7.7146	2.0167
Fe6.979	Fe8.10146	2.01665
Fe3.11980	Fe3.13579	2.01662
Fe2.11564	Fe4.1572	2.01623
Fe5.6169	Fe5.6792	2.01623
Fe2.13649	Fe6.2369	2.01615
Fe5.2968	Fe7.4209	2.01611
Fe3.6640	Fe4.5622	2.01603
Fe3.8948	Fe5.5078	2.01586
Fe4.11939	Fe6.3866	2.01582
Fe5.1570	Fe7.3804	2.01573
Fe6.11009	Fe8.7256	2.01563
Fe4.101	Fe7.11200	2.01559
Fe4.11627	Fe6.4183	2.01556
Fe2.11239	Fe4.4713	2.01554
Fe2.788	Fe3.13688	2.01549
Fe8.10950	Fe8.11408	2.01529
Fe1.12304	Fe7.3498	2.01526
Fe1.3625	Fe4.5885	2.01513
Fe2.3081	Fe2.8594	2.01509
Fe4.6000	Fe5.8379	2.01506
Fe4.13853	Fe5.14442	2.01496
Fe2.11676	Fe7.150	2.01488
Fe1.473	Fe5.13600	2.01482
Fe3.5084	Fe3.13566	2.01478
Fe1.6210	Fe4.7968	2.01477
Fe6.9205	Fe7.3769	2.01463
Fe3.7989	Fe7.3051	2.01457
Fe4.9493	Fe7.5893	2.01445
Fe7.1478	Fe8.10673	2.01397
Fe1.10184	Fe4.5622	2.0138
Fe7.119	Fe8.7529	2.01373
Fe3.5975	Fe5.2581	2.01355
Fe1.7569	Fe8.5007	2.0135
Fe4.9264	Fe8.4505	2.0134
Fe3.13367	Fe6.3754	2.01325
Fe2.2135	Fe7.3651	2.01308
Fe2.7732	Fe7.2989	2.01304
Fe4.3215	Fe7.3724	2.01264
Fe1.10850	Fe2.5356	2.01242
Fe1.12095	Fe2.4891	2.01238
Fe1.6271	Fe4.3067	2.01228
Fe3.4473	Fe8.3745	2.01227
Ft2.2126	Ft8.1670	1.69688
Ft8.1305	Ft8.3281	1.69677
Ft3.1787	Ft8.1662	1.69657
Ft2.1068	Ft8.2087	1.69651
Ft1.849	Ft6.1329	1.69648
Ft3.1474	Ft4.2694	1.69627
Ft6.2851	Ft7.482	1.69618
Ft2.1761	Ft2.3347	1.69614
Ft4.5650	Ft7.548	1.69581
Ft2.6433	Ft5.393	1.69567
Ft1.1506	Ft3.1243	1.69537
Ft4.2797	Ft8.1623	1.69521
Ft2.2879	Ft3.826	1.69469
Ft4.4624	Ft7.4785	1.69466
Ft8.376	Ft8.5020	1.69465
Ft1.2387	Ft3.420	1.69435
Ft2.6099	Ft3.5490	1.69427
Ft3.3069	Ft7.2295	1.69402
Ft5.2172	Ft7.3679	1.69399
Ft4.416	Ft6.329	1.69343
Ft2.5166	Ft5.531	1.69329
Ft4.308	Ft8.3627	1.69312
Ft3.4770	Ft7.2987	1.69304
Ft2.6429	Ft4.2606	1.69299
Ft1.154	Ft1.2605	1.69288
Ft2.4038	Ft2.5824	1.69246
Ft2.4884	Ft7.4775	1.69225
Ft1.1170	Ft7.3384	1.69213
Ft2.6052	Ft7.444	1.69197
Ft2.4045	Ft4.157	1.69177
Ft3.4831	Ft7.3029	1.69167
Ft4.1490	Ft4.3743	1.69153
Ft3.3823	Ft8.4779	1.69146
Ft2.853	Ft8.1239	1.69136
Ft3.5167	Ft5.2978	1.6913
Ft7.1669	Ft8.3281	1.69109
Ft7.3725	Ft7.5146	1.69059
HiC_scaffold_5_1	iC_scaffold_5_24	1.69054
Ft2.6108	Ft3.634	1.69032
Ft3.3512	Ft8.1722	1.69031
Ft2.1814	Ft3.4193	1.6902
Ft5.273	Ft6.1649	1.69013
Ft7.5144	Ft8.2424	1.68976
Ft4.1726	Ft6.1123	1.68956
Ft3.216	Ft4.667	1.6895
Ft4.2081	Ft7.1648	1.68944
Ft2.486	Ft7.1038	1.68936
Ft2.5967	Ft8.4272	1.68935
Ft2.630	Ft8.1609	1.68921
Ft2.6036	Ft8.4575	1.68913
Ft1.257	Ft6.857	1.68909
Ft2.5899	Ft2.6306	1.68878
Ft2.3252	Ft8.4069	1.68853
Ft2.3618	Ft3.4565	1.68853
Ft1.2422	Ft7.4921	1.6884

Fe1.13083	Fe8.10787	2.01219
Fe2.3745	Fe7.9841	2.01217
Fe4.2908	Fe7.11805	2.01213
Fe2.2590	Fe5.3566	2.0121
Fe2.8755	Fe7.802	2.0121
Fe7.8090	Fe8.4104	2.01197
Fe7.788	Fe7.1617	2.01196
Fe5.4925	Fe5.8435	2.01174
Fe1.408	Fe2.13912	2.01167
Fe3.7455	Fe7.11343	2.01161
Fe1.11460	Fe7.3560	2.01156
Fe3.4070	Fe4.7846	2.01156
Fe3.1379	Fe5.3552	2.01147
Fe1.10922	Fe2.11452	2.0113
Fe8.10547	Hic.scaffold.12.161	2.01121
Fe5.3566	Fe8.5691	2.01108
Fe8.8477	Fe8.10184	2.01107
Fe2.2560	Fe2.7281	2.01091
Fe2.1087	Fe7.4313	2.01069
Fe4.6338	Fe4.8568	2.01063
Fe2.5037	Fe8.5307	2.01049
Fe5.11944	Fe7.3498	2.01044
Fe1.1372	Fe2.9692	2.01042
Fe2.8772	Fe4.11321	2.01025
Fe5.11690	Fe7.8255	2.01025
Fe3.5847	Fe7.1072	2.01016
Fe8.3299	Fe8.10844	2.01014
Fe5.65	Fe6.2625	2.01008
Fe1.6393	Fe5.8886	2.00995
Fe4.9493	Fe8.9678	2.0099
Fe4.5622	Fe4.6048	2.00981
Fe3.13920	Fe5.10067	2.0093
Fe4.3259	Fe6.1797	2.00929
Fe3.8611	Fe3.13566	2.00925
Fe2.11360	Fe4.4003	2.00923
Fe3.3515	Fe3.6223	2.00918
Fe6.9599	Fe7.811	2.00902
Fe7.392	Fe7.1071	2.00902
Fe7.584	Hic.scaffold.13.109	2.00895
Fe4.14226	Fe8.454	2.00892
Fe3.10891	Fe7.3482	2.00876
Fe3.4262	Fe4.1934	2.00868
Fe1.9334	Fe4.12166	2.00862
Fe8.10074	Fe8.10719	2.00862
Fe4.5267	Fe6.6304	2.00858
Fe1.2376	Fe3.4007	2.00852
Fe5.6169	Fe8.5256	2.00843
Fe3.3065	Fe4.157	2.0083
Fe2.1708	Fe5.9721	2.00829
Fe1.10073	Hic.scaffold.10.466	2.00819
Fe4.9297	Fe7.11968	2.00804
Fe3.14201	Fe7.345	2.00796
Fe2.2207	Fe6.11750	2.00778
Fe2.12031	Fe2.14084	2.00754
Fe4.7629	Fe6.2883	2.00753
Ft3.2801	Ft4.2174	1.68835
Ft5.630	Ft5.2027	1.6882
Ft4.2081	Ft7.4976	1.6874
Ft2.4188	Ft2.6041	1.6871
Ft3.4154	Ft4.444	1.68705
Ft4.3570	Ft8.3510	1.68696
Ft2.6493	Ft8.317	1.68684
Ft3.1241	Ft5.1448	1.68641
Ft2.5766	Ft7.2439	1.68637
Ft1.2662	Ft7.474	1.68618
Ft2.4650	Ft8.1661	1.68612
Ft2.2477	Ft2.3046	1.6861
Ft4.753	Ft8.1284	1.68607
Ft4.4788	HiC.scaffold.5.202	1.68586
Ft3.1838	Ft4.6168	1.68583
Ft5.1785	Ft7.5085	1.6857
Ft8.3729	Ft8.5041	1.68563
Ft4.5842	Ft7.4995	1.68554
Ft6.1264	Ft7.2439	1.6855
Ft1.2042	Ft2.719	1.68527
Ft2.1367	Ft3.5189	1.68519
Ft5.890	Ft7.4916	1.68485
Ft3.873	Ft4.5447	1.68367
Ft3.5490	Ft4.6005	1.68322
Ft4.3929	Ft7.419	1.68306
Ft2.1883	Ft3.4154	1.68286
Ft3.2361	Ft8.1294	1.68266
Ft1.232	Ft1.2681	1.6826
HiC_scaffold_5_2	iC_scaffold_5_32	1.6824
Ft2.3444	Ft4.5865	1.68223
Ft4.2133	Ft7.3004	1.68203
Ft1.373	Ft5.1735	1.68172
Ft1.2619	Ft2.3926	1.68132
Ft7.793	Ft7.2748	1.68131
Ft6.1017	Ft6.3533	1.68121
Ft1.2387	Ft5.1740	1.68087
Ft2.4525	Ft3.2753	1.68061
Ft4.2499	Ft6.1120	1.68025
Ft5.1751	Ft7.5143	1.6802
Ft2.3471	Ft8.4685	1.67994
Ft3.2881	Ft8.271	1.67971
Ft2.2262	Ft6.2861	1.67968
Ft2.4315	Ft4.744	1.67875
Ft1.1901	Ft5.2810	1.67874
Ft3.5490	Ft7.1020	1.67872
Ft2.5407	Ft8.1899	1.67861
Ft2.3821	Ft3.5487	1.67857
Ft4.814	Ft4.4854	1.67856
Ft2.6408	Ft7.5251	1.67848
Ft2.435	Ft6.1556	1.67828
Ft7.3478	Ft7.4781	1.67775
Ft2.3136	Ft8.4180	1.6777
Ft3.2111	Ft4.3023	1.67766
Ft1.1706	Ft4.1230	1.67752
Ft3.1667	Ft6.1993	1.6772

Fe5.14467	Fe7.420	2.00745
Fe1.9769	Fe4.12262	2.00742
Fe5.13792	Hic.scaffold.9.702	2.00739
Fe2.4647	Fe4.5755	2.00734
Fe3.8749	Fe4.3215	2.00731
Fe5.11576	Fe7.8137	2.00725
Fe5.1570	Fe7.4393	2.00718
Fe4.8285	Fe7.6160	2.00709
Fe6.10332	Fe8.3656	2.00694
Fe3.3271	Fe3.9804	2.00683
Fe3.2644	Fe7.1123	2.00679
Fe6.3541	Fe8.9772	2.00667
Fe3.2918	Fe7.12130	2.00662
Fe2.984	Fe8.8235	2.00657
Fe3.3379	Fe3.5822	2.00654
Fe5.1905	Fe5.13556	2.0064
Fe4.6138	Fe7.614	2.00616
Fe2.11864	Fe5.13034	2.00598
Fe2.11198	Fe3.4152	2.00585
Fe1.8150	Fe7.5398	2.0057
Fe6.9851	Fe6.10653	2.00553
Fe1.4782	Fe7.11598	2.00545
Fe2.2125	Fe4.2991	2.00536
Fe4.13932	Fe5.77	2.00535
Fe7.869	Fe7.9820	2.00518
Fe4.3833	Fe7.8952	2.00517
Fe3.9829	Fe5.12739	2.00514
Fe3.11785	Fe6.2195	2.00507
Fe7.1670	Fe7.5913	2.00507
Fe2.13826	Fe5.2883	2.00504
Fe5.1919	Fe5.12205	2.00502
Fe3.16	Fe3.3089	2.00494
Fe3.6145	Fe4.11583	2.0049
Fe2.3206	Fe3.8076	2.00485
Fe4.5885	Fe4.11728	2.00483
Fe4.5424	Fe7.3354	2.00453
Fe2.2590	Fe6.9419	2.00444
Fe3.13360	Fe8.10889	2.00437
Fe6.5213	Fe7.10999	2.00431
Fe2.7896	Fe6.5872	2.0041
Fe2.7473	Fe3.4738	2.00403
Fe1.3715	Fe8.851	2.00398
Fe6.9494	Fe7.7710	2.00389
Fe6.9116	Fe8.5134	2.00372
Fe3.12261	Fe7.382	2.0037
Fe1.10243	Fe4.11603	2.00354
Fe2.9134	Fe3.14482	2.0034
Fe7.9781	Hic.scaffold.12.165	2.00334
Fe1.9512	Fe2.10301	2.00325
Fe4.9594	Fe8.3872	2.00323
Fe5.3854	Fe6.3114	2.00319
Fe1.9256	Fe2.10202	2.00312
Fe1.12592	Fe8.10415	2.00286
Fe1.1841	Fe4.6127	2.00276
Fe2.10202	Fe2.10886	2.00275
Ft2.1132	Ft3.4871	1.67718
Ft1.159	Ft4.893	1.67696
Ft2.4661	Ft7.876	1.67661
Ft2.5941	Ft4.5670	1.67651
Ft7.3378	Ft8.1656	1.67644
Ft6.1211	Ft6.1444	1.67628
Ft3.1846	Ft8.4093	1.67598
Ft3.2811	Ft4.1938	1.67597
Ft3.1398	Ft4.4153	1.67579
Ft2.952	Ft5.430	1.67568
Ft5.87	Ft6.364	1.67563
Ft2.3361	Ft8.3994	1.67548
Ft6.933	Ft7.2613	1.67528
Ft3.2838	Ft8.2563	1.67526
Ft2.1865	Ft8.1638	1.67512
Ft1.2689	Ft6.1948	1.67493
Ft5.381	Ft5.1085	1.67429
Ft4.5419	Ft8.1321	1.6738
Ft5.719	Ft8.168	1.6737
Ft2.6069	Ft7.3754	1.67369
Ft2.3622	Ft3.5274	1.67357
Ft2.4282	Ft8.2211	1.67332
Ft1.145	Ft6.2125	1.67255
Ft3.3710	Ft4.2694	1.67249
Ft4.3776	Ft7.1010	1.67236
Ft2.3484	Ft5.2970	1.67226
Ft4.5894	Ft7.921	1.67137
Ft4.1717	Ft8.2613	1.67062
Ft2.2984	Ft2.6615	1.67036
Ft2.616	Ft7.748	1.67034
Ft2.3044	Ft5.1497	1.67027
Ft3.2111	Ft4.1873	1.66993
Ft2.199	Ft2.5201	1.6699
Ft2.3973	Ft2.6076	1.66976
Ft3.5195	Ft5.2983	1.66958
Ft7.461	Ft8.562	1.66949
Ft7.331	Ft7.2530	1.66945
Ft2.6217	Ft8.2924	1.66927
Ft4.669	Ft5.948	1.66917
Ft2.3250	Ft8.4071	1.66908
Ft2.6041	Ft3.5637	1.66899
Ft3.636	Ft8.76	1.66894
Ft7.1901	Ft8.214	1.66888
Ft2.3982	Ft7.2715	1.66881
Ft3.2682	Ft7.1150	1.66875
Ft2.2886	Ft3.643	1.66868
Ft7.3754	Ft7.5134	1.66864
Ft3.2071	Ft3.3519	1.66849
Ft2.5914	Ft4.5658	1.66793
Ft3.853	Ft3.2821	1.66763
Ft2.405	Ft4.1307	1.66761
Ft6.1017	Ft8.4093	1.66733
Ft2.3109	Ft8.4215	1.6673
Ft1.1734	Ft2.86	1.66729
Ft3.5034	Ft8.577	1.6671

Fe2.220	Fe8.10124	2.00269	Ft1.2676	Ft8.197	1.66704
Fe1.3328	Fe5.4664	2.00254	Ft4.5747	Ft8.4577	1.66695
Fe1.12836	Fe6.3998	2.0025	Ft2.3694	Ft8.4628	1.66665
Fe4.2921	Fe4.13621	2.0025	Ft5.2550	Ft6.1061	1.66631
Fe1.11531	Fe3.6098	2.00229	Ft2.6145	Ft7.3087	1.66599
Fe3.2977	Fe4.186	2.00183	Ft2.2736	Ft3.814	1.66594
Fe3.12181	Fe4.3096	2.00156	Ft2.6039	Ft4.5747	1.66579
Fe1.3677	Fe7.9852	2.0015	Ft2.6453	Ft8.3579	1.66577
Fe1.14278	Fe5.1994	2.00127	Ft4.6029	Ft5.1515	1.66571
Fe6.5477	Fe7.11455	2.00117	Ft2.4071	Ft2.4295	1.66569
Fe2.8456	Fe4.12278	2.00115	Ft6.3347	Ft7.4876	1.66568
Fe1.12562	Fe2.13829	2.001	Ft3.1380	Ft4.1690	1.6655
Fe3.12337	Fe6.3754	2.00083	Ft2.4650	Ft4.1965	1.66531
Fe2.666	Fe5.1229	2.00081	Ft3.5490	Ft8.1253	1.66514
Fe4.11469	Fe6.3325	2.00076	Ft1.874	Ft5.2859	1.66509
Fe2.9761	Fe2.14309	2.00075	Ft3.2441	Ft7.4915	1.66469
Fe2.6426	Fe2.12251	2.00069	Ft1.2617	Ft2.3952	1.66468
Fe2.3745	Fe7.11467	2.00064	Ft3.2475	Ft6.2434	1.66432
Fe4.2190	Fe6.11044	2.0005	Ft8.548	Ft8.1529	1.66414
Fe3.4249	Fe6.11887	2.00036	Ft3.4147	Ft8.1530	1.664
Fe1.13849	Fe6.2481	2.00015	Ft4.1917	Ft4.2135	1.66399
Fe5.6676	Fe8.5353	1.99992	Ft1.1704	Ft4.4121	1.66393
Fe6.6229	Fe8.3507	1.99986	Ft2.5765	Ft7.4720	1.6636
Fe4.11874	Fe8.9464	1.99935	Ft5.2717	Ft6.863	1.66356
Fe2.10548	Fe4.2247	1.9993	Ft3.2094	Ft4.3020	1.66354
Fe2.11704	Fe3.141	1.99901	Ft3.5043	Ft3.5354	1.66298
Fe1.14542	Fe3.968	1.99895	Ft7.3006	Ft7.3937	1.66288
Fe7.5994	Fe7.11335	1.99877	Ft3.1356	Ft4.2056	1.66277
Fe4.13647	Fe6.4048	1.99862	Ft2.1071	Ft5.678	1.66257
Fe4.9906	Fe6.9086	1.99861	Ft2.3188	Ft8.4144	1.66244
Fe4.464	Fe5.1187	1.99856	Ft2.1783	Ft7.5208	1.66218
Fe6.3545	Fe8.7937	1.99839	Ft3.1951	Ft7.587	1.66142
Fe3.9602	Fe5.7912	1.99836	Ft3.4183	Ft8.304	1.66122
Fe5.7819	Fe7.3558	1.99829	Ft1.647	Ft5.2693	1.66114
Fe2.570	Fe8.10078	1.99824	Ft2.461	Ft7.706	1.66111
Fe3.6377	Hic.scaffold.11.366	1.99812	Ft2.5441	Ft7.4954	1.66111
Fe1.5452	Fe6.9935	1.99804	Ft5.401	Ft8.3627	1.6611
Fe4.1687	Fe4.2987	1.99803	Ft4.6130	Ft7.2555	1.66098
Fe5.8230	Fe6.3212	1.99768	Ft6.2151	Ft8.3358	1.66056
Fe2.3322	Fe7.4006	1.99763	Ft4.574	Ft6.374	1.66034
Fe2.11661	Fe4.2667	1.99743	Ft3.2212	Ft7.1091	1.66027
Fe3.2832	Fe7.12652	1.99734	Ft6.3274	Ft7.2388	1.66023
Fe3.8494	Fe4.8207	1.99728	Ft6.871	Ft7.3094	1.66005
Fe4.1629	Fe7.642	1.99716	Ft3.3775	Ft4.2648	1.66
Fe4.14575	Fe7.1014	1.99703	Ft8.137	Ft8.2426	1.65983
Fe6.2287	Fe8.7404	1.9968	Ft3.4136	Ft8.713	1.65969
Fe7.11298	Fe8.6753	1.9967	Ft2.4317	Ft8.1920	1.65948
Fe3.8601	Fe4.3752	1.99663	Ft5.196	Ft6.2078	1.65927
Fe6.11376	Fe7.1627	1.99657	Ft3.1200	Ft7.354	1.65886
Fe2.12798	Fe8.9226	1.99651	Ft2.5997	Ft8.4570	1.6588
Fe3.7276	Fe5.7819	1.99644	Ft4.4057	Ft7.4835	1.65874
Fe2.7485	Fe4.5975	1.99641	Ft2.5951	Ft4.4827	1.65867
Fe4.10482	Fe5.9942	1.99607	Ft3.2441	Ft4.1983	1.65867
Fe5.9011	Fe6.6389	1.99606	Ft2.473	Ft7.482	1.65858
Fe1.12173	Fe5.4759	1.99592	Ft3.2447	Ft7.577	1.65855

Fe2.12293	Fe4.3053	1.99588	Ft2.4534	Ft2.5932	1.65824
Fe4.11697	Fe6.5572	1.99565	Ft7.2652	Ft7.3754	1.65811
Fe1.14551	Fe5.9898	1.99557	Ft7.3162	Ft8.2480	1.65791
Fe4.13377	Fe7.3777	1.9952	Ft2.399	Ft4.3931	1.65756
Fe1.10029	Fe4.1111	1.99515	Ft6.876	Ft6.1061	1.65749
Fe3.10519	Fe4.2289	1.99489	Ft4.2921	Ft7.3943	1.65711
Fe4.3215	Fe6.5989	1.99481	Ft1.544	Ft1.2456	1.65704
Fe4.11603	Fe7.3558	1.99464	Ft2.1102	Ft7.3927	1.65687
Fe4.2897	Fe8.10646	1.99452	Ft3.643	Ft6.2860	1.65663
Fe2.13470	Fe3.14516	1.99446	Ft4.726	Ft8.307	1.65638
Fe3.9125	Fe8.1511	1.99437	Ft1.2266	Ft5.874	1.65593
Fe3.5253	Fe7.884	1.99425	Ft4.162	Ft6.264	1.65591
Fe6.3445	Fe7.4209	1.9941	Ft3.257	Ft8.4480	1.65576
Fe2.11085	Fe3.2494	1.99409	Ft1.1244	Ft2.5013	1.65558
Fe4.724	Fe7.2448	1.99409	Ft2.5221	Ft3.1353	1.65556
Fe1.2684	Fe7.8301	1.99395	Ft3.2782	Ft3.5487	1.65542
Fe2.5041	Fe6.9185	1.99392	Ft2.5058	Ft4.5379	1.65538
Fe2.11825	Fe4.10059	1.99378	Ft1.356	Ft4.1074	1.65537
Fe5.10595	Fe8.10720	1.99371	Ft4.212	Ft8.3751	1.6552
Fe1.2226	Fe4.11583	1.99363	Ft1.118	Ft6.1491	1.65509
Fe5.10110	Fe6.9322	1.99361	Ft2.4684	Ft8.662	1.65477
Fe5.13559	Fe8.6753	1.99348	Ft3.4183	Ft8.313	1.65473
Fe2.11566	Fe3.3989	1.99344	Ft5.775	Ft6.2872	1.65466
Fe5.11538	Fe6.9150	1.99338	Ft2.64	Ft4.818	1.65455
Fe6.4072	Fe6.10596	1.99338	Ft2.6344	Ft5.784	1.65452
Fe4.12740	Fe8.1612	1.99335	Ft3.1661	Ft6.2005	1.65441
Fe2.13879	Fe7.382	1.99334	Ft2.2930	Ft7.4794	1.65429
Fe2.468	Fe3.12000	1.99306	Ft3.2006	Ft8.80	1.65409
Fe3.8016	Fe3.10462	1.99295	Ft2.4922	Ft2.5944	1.65403
Fe7.6810	Fe7.11239	1.99293	Ft1.2377	Ft5.2532	1.65393
Fe1.10029	Fe1.13207	1.99289	Ft3.1426	Ft7.4697	1.65368
Fe1.11273	Fe4.11603	1.99286	Ft2.1648	Ft2.2089	1.65364
Fe5.12901	Fe7.4261	1.99249	Ft2.5607	Ft6.3327	1.65362
Fe3.4128	Fe7.11968	1.99248	Ft1.363	Ft1.2257	1.65348
Fe5.3843	Fe8.3099	1.99235	Ft1.2379	Ft6.583	1.65346
Fe5.1570	Fe7.1123	1.99228	Ft7.4952	Ft8.307	1.6534
Fe8.581	Fe8.1361	1.99226	Ft2.5211	Ft8.1895	1.65329
Fe5.11979	Fe7.8437	1.99219	Ft2.2593	Ft8.313	1.65322
Fe4.3336	Fe4.5498	1.9921	Ft4.4283	Ft8.1284	1.65317
Fe6.11815	Fe7.6108	1.99188	Ft3.3495	Ft3.5516	1.65291
Fe4.1218	Fe7.74	1.99182	Ft1.217	Ft1.2670	1.65278
Fe1.3907	Fe5.2500	1.99154	Ft8.214	Ft8.5042	1.65265
Fe1.4782	Fe2.8850	1.9913	Ft7.887	Ft7.3454	1.65257
Fe1.14278	Fe7.2292	1.99098	Ft6.2342	Ft8.1481	1.65251
Fe2.2553	Fe2.3667	1.99097	Ft2.4230	Ft2.4637	1.6524
Fe2.5992	Fe8.126	1.99075	Ft7.3081	Ft8.2664	1.6524
Fe1.10243	Fe2.6178	1.99073	Ft2.5231	Ft5.455	1.65231
Fe1.2342	Fe2.3817	1.99071	Ft2.5951	Ft2.6099	1.65223
Fe4.1866	Fe5.13161	1.99047	Ft2.4503	Ft3.776	1.65205
Fe6.9086	Fe7.6232	1.99033	Ft2.574	Ft7.4862	1.6517
Fe1.2089	Fe4.11699	1.99009	Ft1.2251	Ft5.523	1.65162
Fe4.14519	Fe7.1098	1.98997	Ft1.2768	Ft1.2876	1.65159
Fe2.6065	Fe4.11990	1.98989	Ft3.5764	Ft5.1515	1.65159
Fe4.847	Hic.scaffold.10.430	1.98975	Ft2.983	Ft2.3138	1.65152
Fe3.13859	Fe7.7422	1.98966	Ft7.3027	Ft7.4183	1.65125

Fe2.1196	Hic.scaffold.10.93	1.98956	Ft1.803	Ft5.2339	1.65118
Fe1.9073	Fe6.9188	1.98946	Ft5.2106	Ft7.3752	1.65109
Fe3.528	Fe8.7558	1.98938	Ft2.6440	Ft8.2888	1.65093
Fe1.5858	Fe7.5977	1.9892	Ft3.1204	Ft6.3500	1.6509
Fe5.5617	Fe6.9695	1.98918	Ft4.2797	Ft4.3875	1.65076
Fe6.5616	Fe8.7737	1.98905	Ft4.5691	Ft8.4305	1.65069
Fe2.8279	Fe3.2503	1.98904	Ft5.1676	Ft7.3092	1.65047
Fe2.7952	Fe3.2954	1.98885	Ft5.503	Ft6.2545	1.65029
Fe3.2186	Fe7.11791	1.98884	Ft3.1426	Ft7.3094	1.65022
Fe2.8201	Fe5.10011	1.98878	Ft2.1054	Ft4.6234	1.65017
Fe5.8021	Hic.scaffold.9.261	1.98868	Ft3.3170	Ft7.3064	1.64999
Fe7.2665	Fe7.6013	1.98868	Ft1.1874	Ft5.430	1.64951
Fe2.3229	Fe8.8170	1.98861	Ft2.199	Ft3.694	1.64951
Fe1.2271	Fe3.6800	1.98845	Ft5.2744	Ft6.1838	1.6495
Fe4.3873	Fe5.11542	1.98833	Ft7.419	Ft7.2920	1.64947
Fe4.3037	Fe6.5572	1.98827	Ft6.1512	Ft7.4904	1.64939
Fe2.2207	Fe3.9856	1.98818	Ft2.1082	Ft3.4727	1.64933
Fe5.6968	Fe6.6316	1.98812	Ft2.3299	Ft8.4043	1.64933
Fe3.13366	Fe7.11049	1.98809	Ft8.2990	Ft8.3631	1.64921
Fe5.2565	Fe6.3012	1.98782	Ft1.1879	Ft4.3641	1.64915
Fe8.766	Fe8.11969	1.98767	Ft4.1337	Ft4.3944	1.64898
Fe5.10011	Fe7.3271	1.98742	Ft3.1381	Ft5.1156	1.64876
Fe5.397	Fe7.822	1.98741	Ft3.590	Ft4.6147	1.64863
Fe6.10342	Fe8.8047	1.98734	Ft2.3205	Ft3.4867	1.64859
Fe3.13375	Fe5.1151	1.98716	Ft2.6024	Ft5.321	1.64838
Fe2.14275	Fe5.12195	1.98715	Ft4.3095	Ft7.1434	1.64832
Fe7.5768	Fe7.9776	1.98715	Ft1.664	Ft4.868	1.64815
Fe7.478	Hic.scaffold.10.437	1.98695	Ft4.1717	Ft8.3712	1.64812
Fe1.10034	Fe4.5745	1.98691	Ft2.3046	Ft3.3473	1.64772
Fe4.14381	Hic.scaffold.11.175	1.9868	Ft8.2462	Ft8.4852	1.64735
Fe1.10743	Fe2.5882	1.98656	Ft7.1068	Ft8.3306	1.6472
Fe5.12185	Fe7.1098	1.98656	Ft4.818	Ft7.506	1.64712
Fe3.9030	Fe5.8379	1.98639	Ft2.630	Ft4.3532	1.64698
Fe2.12835	Fe5.2969	1.98633	Ft1.2761	Ft7.4959	1.64644
Fe3.2335	Fe8.8054	1.9863	Ft4.6021	Ft5.1510	1.64615
Fe2.1596	Fe4.521	1.98618	Ft2.6076	Ft7.3022	1.64614
Fe3.2954	Fe4.8882	1.986	Ft2.3030	Ft8.2882	1.64572
Fe1.13403	Fe3.8511	1.98597	Ft1.2907	Ft3.521	1.64555
Fe3.4305	Fe6.1197	1.98569	Ft2.3092	Ft4.2168	1.64551
Fe7.3724	Fe7.8090	1.98569	Ft4.2694	Ft6.3247	1.64523
Fe2.10976	Fe2.13457	1.98544	Ft2.670	Ft6.1808	1.64522
Fe8.8477	Fe8.10271	1.98528	Ft2.470	Ft2.2926	1.64516
Fe1.3907	Fe8.9686	1.98517	Ft1.350	Ft4.1065	1.64493
Fe2.6798	Fe6.15	1.98508	Ft3.2071	Ft4.2997	1.6443
Fe4.5133	Fe8.6907	1.9848	Ft1.712	Ft6.1231	1.64385
Fe7.691	Fe8.12104	1.98478	Ft1.1755	Ft4.4012	1.64384
Fe1.4017	Fe7.11459	1.98464	Ft1.876	Ft5.737	1.64384
Fe2.8435	Fe3.780	1.98463	Ft3.4652	Ft5.375	1.6438
Fe3.4689	Fe6.11694	1.98444	Ft2.1848	Ft8.3349	1.64379
Fe3.440	Fe8.11281	1.98425	Ft3.2789	Ft3.3188	1.64373
Fe4.2570	Fe8.11180	1.98423	Ft2.6059	Ft5.719	1.6436
Fe7.1075	Hic.scaffold.13.200	1.98404	Ft1.2684	Ft2.3832	1.64338
Fe6.921	Fe8.10169	1.984	Ft2.4518	Ft2.5939	1.64329
Fe2.10984	Fe7.4338	1.98382	Ft2.1559	Ft6.1939	1.64328
Fe2.12952	Fe8.8311	1.98354	Ft1.360	Ft4.1085	1.64313

Fe4.10193	Fe7.1102	1.98339
Fe3.12282	Fe5.8021	1.98337
Fe2.13619	Fe5.13104	1.9833
Fe1.2007	Hic.scaffold.10.365	1.98327
Fe4.5890	Fe8.9081	1.98326
Fe1.7873	Fe4.9767	1.98298
Fe2.5010	Fe7.3846	1.98298
Fe1.2679	Fe3.7369	1.98291
Fe1.11146	Fe2.4618	1.98249
Fe3.278	Fe8.9851	1.9824
Fe5.6674	Fe8.2943	1.98207
Fe4.12489	Fe5.1827	1.982
Fe5.12409	Fe6.1254	1.98192
Fe3.9974	Fe6.9985	1.98191
Fe6.4877	Fe8.7426	1.98179
Fe1.13962	Fe7.550	1.98166
Fe1.5078	Fe2.2633	1.98165
Fe2.2560	Fe6.5177	1.98149
Fe3.173	Fe3.1232	1.98136
Fe1.10243	Fe8.1433	1.98124
Fe3.525	Fe8.7537	1.98117
Fe4.5830	Fe5.10595	1.98115
Fe2.10387	Fe4.5267	1.98108
Fe2.12650	Fe8.9498	1.98103
Fe7.2084	Fe8.10166	1.98095
Fe4.8843	Fe8.5922	1.98064
Fe4.3296	Fe8.3064	1.98063
Fe5.3172	Fe5.9103	1.98056
Fe1.9691	Fe8.5790	1.98023
Fe2.13829	Fe4.13808	1.98015
Fe5.13058	Fe7.12727	1.98013
Fe1.6323	Fe5.6041	1.98009
Fe4.10774	Fe8.7737	1.98003
Fe5.7762	Fe6.5960	1.97989
Fe5.2883	Fe6.8226	1.97986
Fe4.5337	Fe6.11221	1.97983
Fe2.8105	Fe7.666	1.97971
Fe5.12409	Hic.scaffold.13.169	1.97939
Fe3.942	Fe5.4287	1.97936
Fe2.7940	Fe3.5051	1.97934
Fe6.2064	Fe8.10184	1.97932
Fe6.6229	Fe8.6848	1.97909
Fe1.6176	Fe4.6048	1.97901
Fe2.8585	Fe6.11165	1.979
Fe2.8850	Fe3.2864	1.97898
Fe5.533	Fe8.7802	1.9789
Fe2.10764	Fe2.13501	1.97887
Fe3.4153	Fe7.2251	1.97887
Fe4.849	Fe8.8736	1.97875
Fe5.7912	Fe6.9985	1.97862
Fe3.5242	Fe7.10974	1.97859
Fe5.8962	Fe7.1118	1.97842
Fe5.2946	Fe6.10845	1.97838
Fe4.11920	Fe8.3064	1.97817
Fe3.7728	Fe5.4264	1.97814
Ft1.2465	Ft6.1087	1.64312
Ft6.168	Ft7.423	1.64301
Ft3.1247	Ft4.5409	1.64257
Ft7.1623	Ft8.225	1.64249
Ft3.1216	Ft3.4618	1.64229
Ft2.3046	Ft2.4596	1.64212
Ft2.6192	Ft2.6512	1.64211
Ft7.1623	Ft8.1649	1.64183
Ft2.4134	Ft3.5582	1.64163
Ft1.1931	Ft4.1589	1.64146
Ft2.6062	Ft3.2865	1.64134
Ft2.6099	Ft4.5842	1.64102
Ft1.1435	Ft7.4005	1.64079
Ft2.3982	Ft4.4807	1.64078
Ft2.5445	Ft6.1366	1.64069
Ft3.5567	Ft5.1070	1.64069
Ft5.945	Ft8.1896	1.64062
Ft1.377	Ft6.964	1.64061
Ft4.786	Ft8.271	1.6406
Ft3.5355	Ft7.4852	1.6403
Ft4.114	Ft6.1831	1.64023
Ft4.176	Ft8.3715	1.64023
Ft2.3202	Ft3.2839	1.64017
Ft2.6427	Ft4.126	1.63965
Ft3.2437	Ft3.3314	1.6396
Ft2.3664	Ft2.5436	1.63953
Ft2.3052	Ft2.4592	1.63924
Ft4.1616	Ft4.3557	1.63892
Ft3.2056	Ft4.5451	1.63886
Ft4.48	Ft6.2250	1.63809
Ft1.2676	Ft6.11	1.63781
Ft4.1040	Ft6.919	1.63719
Ft3.1245	Ft8.328	1.63712
Ft3.2467	Ft7.555	1.63704
Ft3.141	Ft3.2018	1.63657
Ft6.3391	Ft7.4387	1.6362
Ft2.3536	Ft2.5593	1.63605
Ft2.4264	Ft3.5691	1.63595
Ft3.4096	Ft6.2505	1.63594
Ft2.3236	Ft8.4090	1.63575
Ft2.6427	Ft4.5603	1.63551
Ft4.537	Ft6.387	1.63546
Ft6.387	Ft8.238	1.6352
Ft2.657	Ft4.1666	1.63514
Ft4.893	Ft8.2505	1.6351
Ft2.6228	Ft2.6440	1.63494
Ft6.3345	Ft7.4874	1.63468
Ft2.2879	Ft2.6099	1.6343
Ft2.4521	Ft8.4329	1.63424
Ft3.666	Ft3.1072	1.63399
Ft3.1011	Ft6.794	1.63398
Ft3.5623	Ft5.2931	1.63396
Ft2.701	Ft4.1217	1.6336
Ft7.2654	Ft7.3094	1.63351
Ft2.4529	Ft3.4237	1.63323

Fe2.3262	Fe6.1920	1.97812	Ft3.2351	Ft8.3807	1.63303
Fe1.5133	Fe6.2750	1.97807	Ft2.889	Ft2.4525	1.63276
Fe7.101	Fe8.10778	1.97806	Ft7.257	Ft8.4008	1.63261
Fe2.2771	Fe4.11774	1.97788	Ft3.3482	Ft4.5626	1.63237
Fe6.10868	Fe7.4894	1.97781	Ft3.3458	Ft8.2069	1.63232
Fe2.4922	Fe5.8839	1.97773	Ft3.1380	Ft7.3013	1.63179
Fe8.10982	Hic.scaffold.10.508	1.97764	Ft2.2561	Ft8.340	1.63176
Fe2.8561	Fe8.10867	1.97753	Ft2.2378	Ft7.1623	1.63155
Fe4.5755	Fe6.9851	1.97746	Ft6.1404	Ft8.340	1.63143
Fe2.11201	Fe8.9851	1.97741	Ft2.284	Ft3.853	1.63142
Fe1.2679	Fe4.11977	1.97737	Ft2.3046	Ft8.1722	1.63098
Fe3.7835	Fe8.9130	1.97728	Ft2.4596	Ft3.1398	1.63082
Fe5.12200	Fe7.8674	1.97721	Ft1.2863	Ft4.3565	1.63072
Fe2.5041	Fe8.2667	1.97686	Ft1.566	Ft1.2469	1.63071
Fe4.3031	Fe5.2946	1.97686	Ft4.5451	Ft7.1599	1.63056
Fe2.9789	Fe8.10895	1.97666	Ft3.1188	Ft8.2926	1.63048
Fe3.10664	Fe4.5267	1.9766	Ft2.4644	Ft8.1836	1.63034
Fe1.10892	Fe5.13232	1.97659	Ft5.2588	Ft6.1179	1.63029
Fe2.10518	Fe3.13694	1.97638	Ft4.88	Ft6.2335	1.63027
Fe5.7529	Fe8.4076	1.97634	Ft4.4095	Ft7.3736	1.63014
Fe3.13486	Fe7.7240	1.97632	Ft4.878	Ft7.2989	1.63014
Fe1.14542	Fe2.11876	1.97616	Ft1.953	Ft5.998	1.63012
Fe4.7846	Fe4.10186	1.97602	Ft3.666	Ft4.3782	1.63006
Fe2.2670	Fe3.3504	1.97566	Ft3.2821	Ft4.3929	1.63001
Fe2.8594	Fe7.3878	1.97539	Ft5.1726	Ft8.3835	1.62986
Fe4.5133	Fe5.7912	1.97529	Ft3.2018	Ft7.1484	1.6298
Fe6.3485	Fe7.9776	1.97518	Ft3.4687	Ft8.3269	1.62972
Fe1.260	Fe6.2130	1.97516	Ft2.6145	Ft4.126	1.62955
Fe2.13856	Fe7.12725	1.97508	Ft4.3816	Ft6.3247	1.62948
Fe6.4886	Fe7.3846	1.97507	Ft1.550	Ft4.2597	1.6293
Fe1.180	Fe2.12165	1.97502	Ft2.1349	Ft3.3352	1.62922
Fe2.11595	Fe2.13704	1.97492	Ft2.4828	Ft4.4664	1.6292
Fe5.98	Fe8.10587	1.97492	Ft2.6069	Ft7.4741	1.6292
Fe7.1050	Fe7.2663	1.97489	Ft3.1451	Ft3.3272	1.62907
Fe1.3062	Fe6.2838	1.97475	Ft2.2624	Ft8.214	1.62894
Fe1.755	Fe2.181	1.97461	Ft3.5460	Ft6.1291	1.62892
Fe3.615	Fe8.7732	1.9745	Ft2.4844	Ft7.4793	1.62887
Fe3.9856	Fe6.5193	1.9745	Ft7.4959	Ft7.5241	1.62854
Fe1.932	Fe1.11396	1.97447	Ft2.2513	Ft6.599	1.62847
Fe1.2176	Fe2.4948	1.97431	Ft2.5344	Ft3.635	1.62797
Fe3.4570	Fe7.3769	1.97419	Ft3.1285	Ft5.925	1.62794
Fe2.13334	Fe5.9103	1.97405	Ft2.3536	Ft5.2983	1.62766
Fe5.10595	Fe6.2454	1.97396	Ft3.643	Ft8.197	1.62759
Fe1.14443	Fe7.1142	1.9739	Ft2.180	Ft2.384	1.62757
Fe2.13206	Hic.scaffold.9.340	1.97378	Ft4.650	Ft6.467	1.6275
Fe4.14199	Fe7.813	1.97374	Ft4.2570	Ft7.2948	1.62743
Fe4.470	Fe4.13645	1.9735	Ft2.1054	Ft7.1820	1.62734
Fe2.11424	Fe6.7388	1.97333	Ft2.3780	Ft7.2475	1.6272
Fe1.600	Fe4.13681	1.9733	Ft2.5740	Ft4.5865	1.62705
Fe5.11664	Fe7.3708	1.97324	Ft2.5954	Ft7.4873	1.627
Fe7.402	Fe8.7260	1.97301	Ft2.5702	Ft4.5908	1.62696
Fe4.14172	Fe6.488	1.97292	Ft3.1317	Ft4.4889	1.62695
Fe2.3793	Fe7.4261	1.97288	Ft7.2593	Ft8.2972	1.62695
Fe1.13882	Fe2.14074	1.97252	Ft2.439	Ft4.6146	1.62677
Fe2.13707	Fe8.398	1.97249	Ft4.1993	Ft7.1581	1.62666

Fe2.7602	Fe7.3043	1.97244	Ft2.3412	Ft4.5823	1.62642
Fe1.10184	Fe3.11785	1.97243	Ft7.951	Ft8.3394	1.62633
Fe8.756	Fe8.10054	1.97216	Ft4.3813	Ft7.4781	1.6259
Fe6.10359	Fe8.3555	1.97209	Ft4.5614	Ft8.3281	1.6257
Fe3.8076	Hic.scaffold.9.421	1.97193	Ft1.2325	Ft8.5209	1.62558
Fe6.12154	Fe7.12784	1.97188	Ft4.5602	Ft7.3745	1.62527
Fe2.10134	Fe7.11612	1.9718	Ft8.279	Ft8.3913	1.62524
Fe5.2705	Fe7.679	1.97172	Ft2.3271	Ft3.2781	1.62517
Fe2.10419	Fe6.1540	1.97163	Ft3.1143	Ft8.4466	1.6251
Fe2.4451	Fe5.8216	1.97155	Ft2.438	Ft8.1534	1.62503
Fe1.494	Fe5.13603	1.97144	Ft3.1926	Ft4.774	1.62497
Fe3.14458	Fe5.9352	1.97131	Ft2.5304	Ft4.4941	1.62455
Fe1.7314	Fe8.7049	1.97126	Ft2.6433	Ft8.1609	1.62425
Fe2.4789	Fe7.7712	1.97115	Ft7.1322	Ft7.1879	1.62419
Fe3.10519	Fe7.3716	1.97086	Ft3.5557	Ft8.272	1.62412
Fe5.10646	Fe7.6383	1.97086	Ft2.6469	Ft6.1615	1.62404
Fe1.9073	Fe8.1433	1.97071	Ft6.1404	Ft7.1209	1.62339
Fe1.6396	Fe7.503	1.97036	Ft6.159	Ft8.2351	1.62324
Fe2.9126	Fe6.9036	1.97036	Ft7.482	Ft8.174	1.62311
Fe7.7395	Fe7.11500	1.97031	Ft2.4618	Ft6.1480	1.62289
Fe3.2756	Fe7.617	1.97024	Ft2.5652	Ft7.2573	1.6228
Fe5.5067	Fe7.5074	1.97013	Ft6.2026	Ft6.2423	1.62278
Fe2.3900	Fe2.11728	1.96998	Ft3.2860	Ft8.4874	1.62273
Fe6.2139	Hic.scaffold.11.243	1.96981	Ft2.3340	Ft2.5520	1.62268
Fe5.10880	Fe6.2249	1.96965	Ft2.2642	Ft8.1553	1.62191
Fe4.5138	Fe7.3130	1.96959	Ft7.2866	Ft8.3887	1.62186
Fe5.2064	Fe6.3117	1.96956	Ft2.1683	Ft7.972	1.62181
Fe1.7165	Fe3.4689	1.96952	Ft4.3098	Ft7.1458	1.62176
Fe3.4689	Fe3.10264	1.96922	Ft2.5906	Ft2.6303	1.62162
Fe1.3662	Fe3.7446	1.96914	Ft7.1649	Ft7.3390	1.62122
Fe4.2991	Fe5.12158	1.96891	Ft2.6038	Ft8.4576	1.62114
Fe6.3677	Fe8.774	1.96887	Ft2.6408	Ft6.1552	1.62113
Fe1.10243	Fe6.7709	1.96882	Ft4.1541	Ft4.3640	1.62104
Fe4.13569	Fe8.10849	1.96881	Ft6.2372	Ft8.3788	1.62077
Fe7.7067	Fe7.11231	1.9687	Ft4.681	Ft7.377	1.6206
Fe4.182	Fe6.1218	1.96864	Ft2.961	Ft2.4525	1.62019
Fe2.11006	Fe6.9817	1.96861	Ft3.2753	Ft4.819	1.62013
Fe2.11865	Fe3.4104	1.96831	Ft2.922	Ft3.916	1.62
Fe4.9484	Fe7.10999	1.96799	Ft3.2001	Ft8.92	1.61987
Fe3.3080	Fe3.6037	1.96787	Ft2.6408	Ft7.4651	1.6198
Fe2.2670	Fe8.2555	1.96767	Ft7.3087	Ft8.813	1.61927
Fe6.2320	Fe6.11178	1.96766	Ft1.87	Ft3.1595	1.61897
Fe2.2307	Fe2.14080	1.96764	Ft2.2294	Ft6.1366	1.61897
Fe3.13866	Fe4.3115	1.96764	Ft3.1030	Ft6.2953	1.61892
Fe3.4705	Fe3.12283	1.96736	Ft7.5172	Ft8.2444	1.61892
Fe5.10530	Fe7.7202	1.96702	Ft1.2818	Ft3.4656	1.6189
Fe2.6048	Fe8.7215	1.96688	Ft3.4844	Ft5.554	1.6186
Fe4.5969	Fe8.3444	1.96685	Ft3.22	Ft6.3533	1.61853
Fe2.10318	Fe8.3507	1.9668	Ft1.2713	Ft4.1005	1.61822
Fe2.13699	Fe5.10842	1.96673	Ft2.3062	Ft7.3066	1.61811
Fe6.9695	Fe7.10249	1.96663	Ft2.1320	Ft6.706	1.61781
Fe2.5842	Fe3.10875	1.9666	Ft3.2111	Ft7.1669	1.61774
Fe5.4624	Fe6.5193	1.9666	Ft2.6226	Ft6.1354	1.61771
Fe2.13802	Fe3.14160	1.9662	Ft3.430	Ft7.4952	1.61766
Fe3.4105	Fe3.6640	1.96614	Ft3.1907	Ft8.4074	1.61738

Fe3.7455	Fe5.6961	1.96607	Ft4.5975	Ft8.4192	1.61736
Fe3.7276	Fe4.9353	1.96602	Ft3.5490	Ft4.753	1.61676
Fe1.3075	Fe6.1218	1.966	Ft3.385	Ft3.1247	1.6165
Fe4.3776	Fe5.4056	1.9659	Ft4.5966	Ft8.4152	1.6164
Fe2.10234	Fe2.13307	1.96586	Ft7.2190	Ft7.3013	1.61629
Fe8.7041	Fe8.9629	1.96547	Ft4.1139	Ft8.4391	1.61616
Fe4.6183	Fe8.776	1.96534	Ft2.5221	Ft4.786	1.6161
Fe2.10221	Fe5.8914	1.96533	Ft2.2561	Ft4.4283	1.61584
Fe2.13551	Fe8.11090	1.9653	Ft6.2495	Ft8.4289	1.61575
Fe1.9769	Fe4.4910	1.96529	Ft2.668	Ft8.741	1.61573
Fe3.1210	Fe4.12776	1.96527	Ft2.5401	Ft7.4715	1.61565
Fe1.4755	Fe3.2831	1.96524	Ft5.1965	Ft7.4470	1.61564
Fe1.6549	Fe6.11750	1.96524	Ft1.2357	Ft2.3865	1.61558
Fe1.12194	Fe5.1219	1.96515	Ft1.314	Ft6.912	1.61554
Fe3.10216	Fe7.12691	1.96508	Ft3.626	Ft6.3328	1.61543
Fe4.11900	Fe7.9852	1.96497	Ft2.2063	Ft5.2295	1.61537
Fe8.3444	Fe8.9209	1.96482	Ft1.1467	Ft5.1730	1.61526
Fe5.11987	Fe7.45	1.9647	Ft4.1457	Ft4.3836	1.61521
Fe2.231	Fe8.9624	1.96464	Ft3.2029	Ft4.726	1.61503
Fe1.13241	Fe3.2633	1.96461	Ft5.626	Ft6.32	1.61498
Fe3.1906	Fe3.3516	1.96448	Ft3.1861	Ft7.3094	1.61471
Fe6.3186	Fe6.9364	1.96448	Ft2.1804	Ft2.4155	1.61452
Fe2.4647	Fe8.3866	1.96427	Ft2.3747	Ft8.1929	1.61432
Fe1.8925	Fe8.9175	1.96412	Ft1.423	Ft1.2818	1.61429
Fe2.11360	Fe8.9943	1.96396	Ft7.1020	Ft7.1623	1.61406
Fe2.8697	Fe4.11846	1.96374	Ft3.989	Ft6.2274	1.61385
Fe7.4366	Fe8.3308	1.9635	Ft2.668	Ft3.1398	1.61383
Fe1.14329	Fe8.7970	1.96343	Ft2.917	Ft3.2039	1.61372
Fe1.7426	Fe8.5493	1.96335	Ft7.3013	Ft7.3478	1.61371
Fe3.12000	Hic.scaffold.9.270	1.96323	Ft2.4068	Ft3.5460	1.61365
Fe6.3060	Fe8.9488	1.963	Ft2.4627	Ft2.5201	1.61354
Fe2.12835	Fe7.1614	1.96278	Ft4.5423	Ft8.4075	1.61328
Fe6.6205	Fe8.10748	1.9626	Ft2.3814	Ft3.127	1.61319
Fe1.10700	Fe2.12332	1.96256	Ft1.1112	Ft7.5003	1.61312
Fe1.2375	Fe7.11980	1.96251	HiC_scaffold_5_[iC_scaffold_5_33		1.61312
Fe2.13520	Fe6.4657	1.96238	Ft3.2782	Ft7.5150	1.61274
Fe1.7289	Fe6.7374	1.96233	Ft2.5231	Ft4.1726	1.61261
Fe1.3226	Fe2.8039	1.96222	Ft4.5977	Ft8.1785	1.61258
Fe1.3103	Fe2.957	1.96216	Ft3.1224	Ft6.2039	1.61251
Fe6.720	Hic.scaffold.11.151	1.96215	Ft4.4741	Ft7.4906	1.61209
Fe2.8082	Fe2.10301	1.96186	Ft3.5244	Ft4.1883	1.61202
Fe5.10636	Fe7.7424	1.96177	Ft3.5379	Ft7.1053	1.61199
Fe1.2888	Fe4.12303	1.96176	Ft3.1398	Ft4.5726	1.61197
Fe1.2657	Fe6.5364	1.96174	Ft3.1380	Ft4.5451	1.61107
Fe6.10573	Fe7.11564	1.9617	Ft4.427	Ft7.909	1.61076
Fe7.5938	Fe7.11738	1.96169	Ft1.419	Ft4.1133	1.61064
Fe2.6237	Fe2.9360	1.96146	Ft5.132	Ft6.427	1.61063
Fe6.6908	Fe6.8047	1.96144	Ft3.3109	Ft7.2272	1.61059
Fe6.9308	Fe7.3866	1.96144	Ft2.371	Ft4.693	1.61048
Fe6.4313	Fe7.1118	1.96098	Ft2.1922	Ft7.2905	1.61039
Fe1.12052	Fe4.9187	1.96095	Ft1.600	Ft1.2503	1.61029
Fe6.4533	Fe6.6691	1.96082	Ft4.839	Ft7.2474	1.61022
Fe4.5091	Fe8.666	1.9608	Ft3.2029	Ft3.5091	1.61017
Fe1.13989	Fe5.14513	1.96056	Ft2.284	Ft7.476	1.61013
Fe4.13209	Fe7.3633	1.96054	Ft3.2018	Ft6.1995	1.61005

Fe3.7618	Fe5.9989	1.96051	Ft3.15	Ft7.3278	1.61001
Fe3.10309	Fe7.4069	1.96037	Ft4.5550	Ft8.1615	1.60993
Fe5.12202	Fe8.11449	1.96026	Ft3.1658	Ft8.70	1.60992
Fe3.14387	Fe5.9086	1.96012	Ft2.2378	Ft6.871	1.60988
Fe2.4702	Fe8.4104	1.95997	Ft1.481	Ft6.1041	1.60966
Fe6.6389	Fe8.9943	1.95993	Ft4.452	Ft6.432	1.60953
Fe3.10070	Fe7.12217	1.95986	Ft1.2373	Ft2.5748	1.60945
Fe5.3514	Fe7.1572	1.95975	Ft2.2173	Ft7.4837	1.6085
Fe1.3128	Fe6.3074	1.95973	Ft3.385	Ft4.669	1.60823
Fe1.10243	Fe4.5755	1.95966	Ft2.2984	Ft8.4534	1.60822
Fe7.8479	Fe8.9721	1.95966	Ft5.1997	Ft7.5267	1.60821
Fe5.4902	Fe6.5364	1.9596	Ft2.5144	Ft5.1526	1.60804
Fe3.9127	Fe4.11364	1.95953	Ft2.6442	Ft3.900	1.60799
Fe2.6150	Fe2.12173	1.9592	Ft2.2422	Ft3.4811	1.60758
Fe3.8600	Fe7.5469	1.95917	Ft4.3963	Ft8.2163	1.60756
Fe1.1422	Fe3.4931	1.95914	Ft1.384	Ft6.2902	1.60749
Fe5.470	Fe6.1242	1.95914	Ft2.2754	Ft3.1426	1.6074
Fe1.1687	Fe8.285	1.95907	Ft4.1877	Ft4.2200	1.60716
Fe5.3220	Fe7.8241	1.9587	Ft5.2058	Ft7.3807	1.60702
Fe1.10243	Fe4.8406	1.95867	Ft1.1726	Ft4.4064	1.60661
Fe2.10653	Fe3.13834	1.95861	Ft2.5304	Ft3.590	1.6066
Fe3.6522	Fe8.2018	1.95856	Ft4.1295	Ft4.3905	1.60645
Fe4.6021	Fe4.11303	1.95845	Ft7.5169	Ft8.2438	1.60618
Fe5.2878	Fe5.12112	1.95843	Ft7.4060	Ft7.5135	1.60577
Fe3.6522	Fe7.11335	1.9583	Ft3.864	Ft8.4918	1.60566
Fe1.5103	Fe2.2713	1.9582	Ft3.5475	Ft7.4764	1.6054
Fe1.7809	Fe4.6048	1.95781	Ft7.1648	Ft7.3478	1.60532
Fe1.2538	Fe4.11728	1.95759	Ft3.658	Ft8.221	1.6051
Fe4.919	Fe7.1078	1.95752	Ft3.3473	Ft7.1648	1.60498
Fe3.5420	Fe8.4076	1.95726	Ft3.913	Ft7.419	1.60481
Fe7.1579	Fe8.5463	1.95713	Ft4.2921	Ft7.4187	1.6046
Fe6.9985	Fe7.11455	1.9571	Ft2.6440	Ft3.1380	1.60454
Fe1.2657	Fe3.7985	1.95705	Ft3.1545	Ft6.1537	1.60454
Fe2.4702	Fe5.8230	1.95699	Ft7.4739	Ft7.5012	1.60436
Fe4.12841	Fe6.5717	1.95697	Ft6.2919	Ft7.4794	1.60413
Fe1.14149	Fe4.11817	1.95691	Ft7.5053	Ft8.1183	1.60396
Fe6.6339	Fe8.4104	1.95677	Ft1.1836	Ft4.3768	1.60389
Fe2.8575	Fe6.11374	1.95673	Ft3.2735	Ft7.3006	1.60384
Fe3.11636	Fe7.4393	1.95668	Ft1.2566	Ft6.1166	1.60367
Fe3.3680	Fe3.7062	1.9566	Ft2.77	Ft3.5029	1.60339
Fe7.8473	Fe8.3548	1.95655	Ft3.5585	Ft5.2148	1.60293
Fe5.3703	Fe7.6108	1.95652	Ft3.1385	Ft8.384	1.60277
Fe3.5063	Fe7.8090	1.95637	Ft3.2811	Ft8.4843	1.60275
Fe4.6823	Fe7.703	1.95613	Ft3.5371	Ft7.4687	1.6027
Fe5.11443	Fe7.191	1.95607	Ft1.1098	Ft2.4894	1.60266
Fe6.1150	Fe7.1212	1.95602	Ft2.2324	Ft3.430	1.60259
Fe2.1892	Fe8.10091	1.956	Ft4.98	Ft4.786	1.60252
Fe3.4362	Fe3.8872	1.956	Ft1.2281	Ft5.2285	1.60247
Fe1.12111	Fe6.8391	1.95585	Ft2.904	Ft2.3046	1.60219
Fe4.12250	Fe4.13799	1.9558	Ft7.3006	Ft8.3848	1.60177
Fe2.8594	Fe3.187	1.95579	Ft2.5325	Ft8.4101	1.60173
Fe4.9906	Fe7.3633	1.95565	Ft2.2439	Ft3.4799	1.60141
Fe2.9360	Fe5.1222	1.95562	Ft4.1938	Ft8.4533	1.60134
Fe3.12520	Fe8.589	1.95534	Ft8.592	Ft8.1762	1.60116
Fe6.5563	Fe7.8462	1.95528	Ft3.2018	Ft4.3114	1.6007

Fe7.5453	Fe7.6177	1.95518	HiC_scaffold_5_1	HiC_scaffold_5_32	1.60048
Fe1.13445	Fe6.3400	1.95506	Ft3.5743	Ft5.1506	1.59959
Fe5.9386	Fe7.11335	1.95503	Ft2.5934	Ft7.2996	1.59948
Fe2.1611	Fe7.3763	1.95472	Ft4.1431	Ft7.3896	1.59931
Fe6.2320	Fe7.11930	1.95448	Ft2.1734	Ft7.3751	1.59897
Fe4.2955	Fe5.3139	1.95446	Ft3.2925	Ft8.1950	1.5989
Fe3.7276	Fe8.834	1.95426	Ft3.1110	Ft8.2764	1.59861
Fe3.942	Fe8.3073	1.95407	Ft4.1879	Ft5.497	1.59849
Fe3.8580	Fe7.7710	1.95378	Ft4.3043	Ft5.2785	1.5984
Fe3.7079	Fe4.3975	1.95347	Ft2.461	Ft3.1787	1.59814
Fe4.12158	Fe8.9413	1.9534	Ft2.5945	Ft8.4311	1.59805
Fe6.5583	Fe7.11459	1.95332	Ft7.3021	Ft8.1534	1.59785
Fe1.2784	Fe1.13897	1.95324	Ft1.2170	Ft4.1902	1.59776
Fe4.14488	Fe8.9791	1.95321	Ft1.1224	Ft7.3483	1.59765
Fe3.5975	Fe6.5583	1.95316	Ft1.1224	Ft8.3843	1.59738
Fe1.8646	Fe1.11236	1.95305	Ft2.5070	Ft6.1591	1.59716
Fe1.9618	Fe4.165	1.95303	Ft2.5413	Ft7.4698	1.59715
Fe3.1971	Fe7.7007	1.95297	Ft3.3912	Ft7.2149	1.5967
Fe4.3776	Fe6.2195	1.95265	Ft4.4113	Ft7.718	1.59669
Fe6.3332	Fe7.12727	1.95252	Ft3.1424	Ft8.3004	1.59622
Fe2.8594	Fe7.1661	1.95248	Ft2.6455	Ft7.3399	1.59621
Fe2.2520	Fe5.11762	1.95221	Ft2.1054	Ft3.5516	1.59598
Fe6.3796	Fe6.10501	1.95203	Ft3.5490	Ft7.3993	1.59578
Fe3.4689	Fe4.2896	1.95202	Ft4.2850	Ft4.5409	1.59496
Fe5.3703	Fe7.1661	1.9519	Ft2.3037	Ft4.2921	1.59481
Fe6.5915	Fe8.3694	1.95187	Ft2.3696	Ft5.966	1.59481
Fe1.4147	Fe7.1347	1.95179	Ft2.904	Ft2.3654	1.59473
Fe1.5717	Fe4.1808	1.95178	Ft2.4627	Ft6.1939	1.59463
Fe1.10340	Fe4.5539	1.95173	Ft4.1039	Ft6.918	1.59456
Fe2.13649	Fe3.13662	1.95172	Ft6.1118	Ft8.4093	1.59451
Fe1.8246	Fe8.4104	1.95169	Ft1.1720	Ft4.4094	1.5944
Fe2.2521	Fe3.7079	1.95166	Ft3.4980	Ft8.1722	1.5937
Fe1.2342	Fe7.6855	1.95162	Ft3.5596	Ft5.2935	1.59362
Fe6.11197	Fe8.7471	1.95139	Ft2.6594	Ft3.2111	1.59343
Fe1.14503	Fe7.5569	1.95131	Ft2.3141	Ft4.1811	1.59326
Fe2.10223	Fe7.6390	1.95098	Ft3.591	Ft7.3289	1.59315
Fe3.2954	Fe7.4255	1.95095	Ft3.2111	Ft4.1376	1.59314
Fe4.13184	Fe6.11383	1.95094	Ft3.2412	Ft5.1643	1.59299
Fe2.8622	Fe4.8303	1.95083	Ft4.814	Ft8.1762	1.59285
Fe7.9649	Fe8.7244	1.9508	Ft5.886	Ft8.2563	1.59277
Fe1.224	Fe6.457	1.95079	Ft3.4018	Ft7.776	1.59244
Fe1.11105	Fe4.910	1.95066	Ft4.645	Ft6.466	1.59216
Fe4.13578	Fe6.10261	1.95066	Ft3.1474	Ft4.18	1.59215
Fe1.4327	Fe6.5270	1.95065	Ft2.2583	Ft3.2424	1.59209
Fe3.7276	Fe4.7855	1.95065	Ft1.488	Ft6.1051	1.59189
Fe6.11369	Fe7.3633	1.95063	Ft2.4197	Ft2.6038	1.59181
Fe2.5874	Fe6.41	1.95046	Ft2.5069	Ft4.4199	1.59171
Fe3.5763	Fe6.3212	1.95036	Ft1.1956	Ft2.620	1.59146
Fe4.10846	Fe6.5987	1.95033	Ft7.3399	Ft7.4741	1.59141
Fe3.388	Fe6.1801	1.95021	Ft3.216	Ft7.3399	1.59137
Fe1.12619	Fe1.12883	1.95008	Ft2.3018	Ft3.734	1.59126
Fe1.1919	Fe2.10632	1.94984	Ft3.2450	Ft4.1938	1.59104
Fe1.6520	Fe7.8079	1.94984	Ft2.2792	Ft8.703	1.59102
Fe2.7876	Fe3.4422	1.94979	Ft1.1985	Ft4.3507	1.59096
Fe1.9073	Fe6.9484	1.94961	Ft6.1404	Ft8.1695	1.59075

Fe2.3113	Fe8.8179	1.94956	Ft3.3207	Ft3.3557	1.59053
Fe4.174	Fe7.11868	1.94947	Ft5.420	Ft7.3748	1.59052
Fe6.11112	Fe8.9735	1.94944	Ft2.6616	Ft5.1500	1.59039
Fe6.9494	Fe7.11405	1.94931	Ft3.1426	Ft3.2811	1.58991
Fe5.10742	Fe8.3507	1.949	Ft2.2294	Ft3.826	1.5897
Fe7.6383	Fe8.3060	1.94894	Ft4.786	Ft6.1685	1.58966
Fe3.5930	Fe5.7928	1.94892	Ft3.1760	Ft8.2561	1.58965
Fe3.12219	Fe6.12091	1.94866	Ft2.4135	Ft3.5585	1.58961
Fe1.5124	Fe4.1481	1.94861	Ft3.2828	Ft7.5134	1.58959
Fe6.11117	Fe6.12215	1.94855	Ft3.1786	Ft8.3216	1.5895
Fe4.11631	Fe7.11612	1.94852	Ft2.1054	Ft7.3943	1.58935
Fe3.12978	Fe8.12003	1.94849	Ft7.3046	Ft8.1394	1.58929
Fe5.11342	Fe6.3445	1.94838	Ft1.1887	Ft4.3627	1.58916
Fe1.6690	Fe7.3277	1.94832	Ft1.433	Ft1.2822	1.5888
Fe2.10726	Fe3.12068	1.94828	Ft4.458	Ft8.279	1.58874
Fe2.8660	Fe3.3425	1.94809	Ft3.3288	Ft3.3429	1.58833
Fe5.12276	Fe7.829	1.94779	Ft7.2654	Ft7.3013	1.58802
Fe2.3229	Fe2.10846	1.94777	Ft2.53	Ft2.6497	1.58752
Fe2.3792	Fe3.6092	1.94776	Ft2.5253	Ft7.476	1.5875
Fe3.5182	Fe4.7159	1.94763	Ft2.2830	Ft7.1762	1.58683
Fe6.10261	Fe7.7710	1.94756	Ft3.1356	Ft4.1003	1.58681
Fe6.873	Fe8.10734	1.94756	Ft2.4931	Ft8.4064	1.58669
Fe2.7949	Fe3.3290	1.94754	Ft4.4002	Ft5.1531	1.58634
Fe2.9252	Fe7.12503	1.94738	Ft2.4222	Ft2.5394	1.58624
Fe1.10015	Fe3.6145	1.94713	Ft3.1268	Ft8.171	1.58619
Fe1.1604	Fe1.12506	1.94698	Ft2.668	Ft3.1583	1.58616
Fe6.1896	Fe8.3656	1.94688	Ft7.5150	Ft8.1917	1.586
Fe2.10318	Hic.scaffold.10.134	1.94683	Ft2.5213	Ft8.1917	1.58592
Fe1.2176	Fe8.9981	1.9468	Ft3.718	Ft5.2654	1.5859
Fe3.7896	Fe5.1668	1.94677	Ft1.696	Ft2.6493	1.58566
Fe5.12204	Hic.scaffold.9.192	1.94671	Ft2.833	Ft2.2651	1.58564
Fe3.2213	Fe7.1616	1.94661	Ft3.2437	Ft5.2959	1.58521
Fe4.11209	Fe6.3503	1.94659	Ft2.1235	Ft4.104	1.58496
Fe6.2269	Fe6.12237	1.94659	Ft2.1235	Ft2.1795	1.58495
Fe7.11317	Fe8.5378	1.94657	Ft1.378	Ft1.2774	1.58479
Fe2.535	Fe6.1610	1.9465	Ft4.1938	Ft8.4211	1.58475
Fe5.10080	Fe8.7096	1.9465	Ft6.722	Ft8.4859	1.58465
Fe4.9994	Fe7.11486	1.9464	Ft2.3120	Ft8.253	1.58462
Fe6.3534	Fe7.990	1.94629	Ft2.6199	Ft8.163	1.58458
Fe3.3676	Fe5.4902	1.94628	Ft1.1245	Ft2.5012	1.58456
Fe6.1737	Fe6.10596	1.94625	Ft7.649	Ft7.1669	1.58454
Fe2.2790	Fe8.9612	1.94624	Ft2.6611	Ft4.3535	1.58434
Fe1.7761	Fe1.14019	1.94596	Ft3.578	Ft8.1270	1.58432
Fe4.6007	Fe4.9994	1.94594	Ft2.6039	Ft8.4577	1.5843
Fe1.4197	Fe7.3090	1.94582	Ft3.2806	Ft4.4831	1.58423
Fe1.3677	Fe2.10811	1.94579	Ft7.2149	Ft8.703	1.58391
Fe3.13572	Hic.scaffold.12.244	1.94568	Ft2.3360	Ft4.5927	1.58382
Fe4.12327	Fe5.10537	1.94552	Ft2.1933	Ft6.794	1.58379
Fe5.13104	Fe8.10282	1.94535	Ft3.2754	Ft8.1787	1.58355
Fe4.9906	Fe5.6792	1.94534	Ft3.5490	Ft4.2056	1.58316
Fe5.13704	Fe8.10569	1.94526	Ft7.3478	Ft7.4183	1.58269
Fe8.4201	Fe8.7135	1.94516	Ft1.1792	Ft4.1295	1.58219
Fe5.3188	Fe8.10091	1.94514	Ft2.573	Ft8.216	1.58207
Fe4.4732	Fe8.9351	1.94507	Ft3.1270	Ft8.173	1.582
Fe4.6913	Fe4.8749	1.94503	Ft6.2729	Ft7.931	1.58195

Fe6.9959	Fe7.6933	1.94502	Ft2.868	Ft7.2621	1.58184
Fe1.12063	Fe5.5020	1.94486	Ft7.1669	Ft7.4906	1.58173
Fe1.13906	Fe2.13501	1.94476	Ft2.3779	Ft2.5377	1.58147
Fe1.10184	Fe6.7616	1.94461	Ft4.587	Ft5.130	1.58118
Fe5.9753	Fe8.11438	1.94457	Ft4.3846	Ft7.2724	1.58103
Fe1.10894	Hic.scaffold.10.252	1.9444	Ft2.5934	Ft7.3483	1.58096
Fe3.7062	Fe5.9908	1.9444	Ft1.1714	Ft4.4102	1.58077
Fe3.13836	Fe6.1218	1.94439	Ft3.2595	Ft5.949	1.58044
Fe8.9943	Hic.scaffold.13.213	1.94421	Ft4.1665	Ft8.2610	1.58042
Fe3.8600	Fe3.10198	1.94415	Ft3.3692	Ft7.2724	1.58039
Fe1.2267	Fe3.3826	1.94403	Ft2.5245	Ft4.4978	1.58024
Fe2.11786	Fe8.10920	1.94384	Ft2.484	Ft6.2861	1.58022
Fe2.759	Fe2.2577	1.94359	Ft4.2081	Ft4.6242	1.58005
Fe5.12202	Hic.scaffold.11.58	1.94351	Ft4.289	Ft8.2616	1.57995
Fe6.4563	Fe7.4371	1.9434	Ft8.604	Ft8.1313	1.57981
Fe2.839	Fe3.13562	1.94335	Ft4.819	Ft4.2056	1.57976
Fe5.1163	Fe7.5893	1.94332	Ft2.1783	Ft3.4656	1.5793
Fe6.11953	Fe7.4433	1.94315	Ft3.5518	Ft7.4720	1.57913
Fe3.168	Fe4.14487	1.94306	Ft3.1123	Ft3.3555	1.57904
Fe5.8045	Fe7.10812	1.94283	Ft2.904	Ft7.1243	1.57868
Fe3.9103	Fe6.12049	1.94267	Ft2.4596	Ft3.2753	1.57859
Fe3.9294	Fe7.11503	1.94255	Ft4.6000	Ft5.1500	1.57831
Fe4.11364	Fe7.3313	1.94251	Ft7.2190	Ft7.2956	1.57811
Fe1.2603	Fe7.7184	1.94249	Ft2.2974	Ft8.1205	1.57798
Fe1.10956	Fe5.2874	1.94239	Ft4.3897	Ft5.399	1.57794
Fe8.8714	Fe8.11925	1.94233	Ft3.694	Ft3.3226	1.57777
Fe2.13879	Fe8.5951	1.94216	Ft3.1475	Ft8.265	1.57769
Fe1.13300	Fe2.10369	1.94215	Ft4.5948	Ft8.4101	1.57762
Fe3.8743	Fe8.3595	1.94213	Ft3.365	Ft3.2056	1.57752
Fe1.9987	Fe2.2305	1.94208	Ft5.1959	Ft7.4480	1.57752
Fe1.10184	Fe8.4104	1.942	Ft7.3337	Ft8.225	1.57748
Fe1.11818	Fe4.8299	1.94199	Ft3.3444	Ft8.2080	1.57733
Fe3.5975	Fe5.5956	1.94172	Ft3.1912	Ft8.4183	1.5771
Fe1.13876	Fe2.2633	1.94161	Ft1.2586	Ft5.406	1.5769
Fe3.7456	Fe7.12315	1.94159	Ft2.4508	Ft3.1318	1.57679
Fe6.11076	Fe7.1690	1.94154	Ft7.668	Ft8.925	1.57678
Fe3.13154	Fe8.10091	1.94153	Ft2.5918	Ft7.2556	1.57676
Fe2.5285	Fe6.9484	1.94142	Ft2.2523	Ft7.3454	1.57644
Fe5.8524	Fe7.12276	1.94129	Ft2.311	Ft8.2035	1.57632
Fe2.8236	Fe7.12932	1.94124	Ft4.4863	Ft7.2705	1.57621
Fe2.1545	Fe4.521	1.94104	Ft2.3191	Ft8.4140	1.57606
Fe4.13615	Fe6.3899	1.94101	Ft2.6069	Ft7.1068	1.5759
Fe5.12397	Fe8.7510	1.94097	Ft2.4586	Ft8.1620	1.57575
Fe1.3955	Fe4.8299	1.94089	Ft1.2266	Ft5.2123	1.57572
Fe6.7166	Fe8.10119	1.94089	Ft1.2880	Ft8.2594	1.57559
Fe4.10097	Fe6.11438	1.94075	Ft2.1843	Ft8.3338	1.57543
Fe2.7469	Hic.scaffold.10.292	1.94069	Ft3.1391	Ft5.2250	1.5753
Fe3.6506	Fe4.3873	1.94062	Ft2.2856	Ft3.666	1.57518
Fe3.4568	Fe8.1641	1.94055	Ft2.3265	Ft8.4060	1.57507
Fe3.9829	Fe6.11496	1.94041	Ft2.3793	Ft2.5347	1.57499
Fe4.4715	Fe6.11374	1.94034	Ft2.3793	Ft2.5360	1.57499
Fe6.9806	Fe6.10646	1.94012	Ft2.961	Ft7.1384	1.57498
Fe6.2489	Fe8.634	1.94008	Ft7.4939	Ft8.2683	1.57474
Fe2.11381	Fe6.11217	1.93998	Ft6.355	Ft8.279	1.57439
Fe2.8440	Fe7.12445	1.93967	Ft1.2480	Ft4.2551	1.57434

Fe1.6176	Fe7.6232	1.93966
Fe2.2510	Fe6.11449	1.93959
Fe1.8571	Fe6.2984	1.93958
Fe1.9639	Fe7.83	1.93954
Fe2.11864	Hic.scaffold.9.348	1.93953
Fe4.3285	Fe4.13240	1.93934
Fe2.8772	Fe3.995	1.93926
Fe3.9856	Fe7.11598	1.93902
Fe3.6640	Fe3.10524	1.93889
Fe4.9594	Fe6.4696	1.93878
Fe2.359	Fe7.3791	1.93875
Fe3.13532	Fe7.576	1.93865
Fe1.4457	Fe6.7388	1.93857
Fe1.2258	Fe6.4681	1.93836
Fe3.1379	Fe6.11395	1.93815
Fe1.10892	Fe7.4387	1.93813
Fe5.6028	Fe6.11417	1.93808
Fe1.10732	Fe2.4789	1.93804
Fe2.4702	Fe6.5616	1.93782
Fe5.6580	Fe8.7027	1.93767
Fe3.3116	Fe7.12923	1.93759
Fe3.6199	Fe8.1555	1.93757
Fe3.5822	Fe7.1224	1.93733
Fe2.9547	Fe8.10986	1.93723
Fe4.14559	Fe8.12024	1.9372
Fe3.8743	Fe6.2195	1.93702
Fe1.6176	Fe4.10101	1.93683
Fe1.2227	Fe7.3807	1.93676
Fe1.13943	Fe2.10952	1.93668
Fe2.2321	Fe8.1515	1.93633
Fe2.9243	Fe4.2023	1.93622
Fe8.11090	Hic.scaffold.12.157	1.93605
Fe2.4702	Fe8.834	1.93597
Fe1.9979	Fe2.2315	1.93596
Fe2.9570	Hic.scaffold.9.60	1.93592
Fe4.5133	Fe8.7215	1.93589
Fe3.5763	Fe7.11459	1.93576
Fe6.5619	Fe7.8473	1.93571
Fe2.9604	Fe6.4278	1.9355
Fe6.2064	Fe8.5465	1.9355
Fe6.775	Fe8.9849	1.93516
Fe6.5583	Fe7.11598	1.9351
Fe1.2657	Fe4.9493	1.93501
Fe1.11273	Fe5.6676	1.93497
Fe2.11438	Fe5.13426	1.93483
Fe7.11467	Fe8.664	1.93471
Fe2.11579	Fe7.4318	1.93464
Fe3.12141	Fe5.13286	1.93448
Fe1.12194	Fe2.1186	1.93445
Fe3.3111	Fe6.11369	1.93443
Fe3.9225	Fe7.12676	1.93439
Fe5.10011	Fe7.8952	1.93433
Fe6.8473	Fe7.2251	1.934
Fe4.9409	Fe7.6029	1.93397
Fe4.9574	Fe5.12820	1.93391
Ft6.257	Ft8.3693	1.57413
Ft1.1956	Ft4.3542	1.57412
Ft2.6455	Ft8.5007	1.57404
Ft2.6099	Ft3.590	1.57394
Ft3.159	Ft7.5150	1.57392
Ft3.5447	Ft4.5076	1.57372
Ft2.2379	Ft2.3078	1.57364
Ft1.2459	Ft6.1080	1.57342
Ft2.2856	Ft8.3878	1.57341
Ft7.2724	Ft8.3191	1.57309
Ft5.1579	Ft7.2846	1.57306
Ft2.5918	Ft3.2111	1.57287
Ft4.3170	Ft7.1550	1.57266
Ft2.3410	Ft6.875	1.57251
Ft5.740	Ft8.4174	1.57226
Ft3.1300	Ft6.1397	1.57225
Ft1.1839	Ft4.3756	1.57197
Ft5.219	Ft6.2036	1.57181
Ft2.5944	Ft8.4322	1.57144
Ft2.3092	Ft4.6242	1.57134
Ft1.1655	Ft5.2685	1.57128
Ft5.1100	Ft8.5278	1.57104
Ft4.4833	Ft7.459	1.57092
Ft2.3040	Ft3.4096	1.57062
Ft3.2143	Ft7.1193	1.57028
Ft4.1316	Ft4.3916	1.57023
Ft6.2147	Ft7.3087	1.57002
Ft4.3816	Ft7.2199	1.56997
Ft2.1546	Ft6.3247	1.56996
Ft3.1085	Ft3.1380	1.56994
Ft5.1592	Ft7.2857	1.5698
Ft1.1772	Ft4.1352	1.56978
Ft1.920	Ft5.171	1.56975
Ft3.4154	Ft8.195	1.56975
Ft2.2845	Ft3.693	1.56968
Ft5.400	Ft5.854	1.56953
Ft2.4087	Ft2.6082	1.56947
Ft6.2012	Ft8.110	1.56929
Ft3.1390	Ft8.238	1.56928
Ft2.3338	Ft8.4023	1.56915
Ft3.3287	Ft8.4561	1.56895
Ft4.1661	Ft5.463	1.56895
Ft7.649	Ft8.225	1.56863
Ft1.638	Ft1.2613	1.56861
Ft2.6594	Ft3.1380	1.56856
Ft4.4903	Ft5.391	1.5685
Ft3.1701	Ft7.3494	1.56841
Ft2.5929	Ft7.4895	1.56833
Ft4.95	Ft8.5072	1.56818
Ft2.5259	Ft7.495	1.5679
Ft2.5214	Ft7.393	1.56783
Ft2.6455	Ft3.1583	1.56782
Ft4.2636	Ft8.2565	1.5677
Ft4.397	Ft7.4761	1.56768
Ft2.6069	Ft6.2472	1.56767

Fe1.9333	Fe2.5021	1.93386	Ft3.4958	Ft4.1145	1.5674
Fe5.9892	Fe7.8863	1.93374	Ft7.2983	Ft8.3973	1.56709
Fe4.63	Fe6.1371	1.93373	Ft2.5156	Ft8.1776	1.56674
Fe6.9328	Fe7.3443	1.93333	Ft3.661	Ft3.3288	1.5667
Fe7.905	Fe8.8047	1.93318	Ft1.583	Ft1.2492	1.56623
Fe1.6842	Fe1.11396	1.93316	Ft2.1761	Ft3.1835	1.56608
Fe4.5498	Fe8.3656	1.93313	Ft7.3013	Ft8.1529	1.56602
Fe1.7086	Fe4.3717	1.93256	Ft1.561	Ft4.2578	1.56601
Fe4.2165	Fe7.3560	1.93256	Ft2.5213	Ft4.5942	1.56587
Fe6.9605	Fe7.802	1.9325	Ft2.4222	Ft7.1016	1.56581
Fe5.2950	Fe6.10786	1.93248	Ft2.802	Ft2.4623	1.5658
Fe4.11587	Fe8.2165	1.93245	Ft2.2984	Ft7.3399	1.56548
Fe7.1597	Fe7.11558	1.93244	Ft2.6050	Ft5.2936	1.56539
Fe1.14368	Fe8.7887	1.93226	Ft2.393	Ft7.658	1.56521
Fe4.8164	Fe7.7422	1.93224	Ft2.904	Ft3.694	1.56514
Fe1.9242	Fe6.9974	1.93222	Ft8.328	Ft8.4991	1.565
Fe4.6048	Fe4.8406	1.93205	Ft1.771	Ft2.6227	1.56496
Fe1.10044	Fe8.8575	1.93182	Ft2.4586	Ft2.6049	1.56492
Fe6.3023	Fe6.3619	1.93181	Ft5.1390	Ft6.575	1.56471
Fe1.14242	Fe6.3696	1.93171	Ft3.3710	Ft8.1384	1.56469
Fe2.11798	Hic.scaffold.10.426	1.93162	Ft7.2956	Ft7.4087	1.56467
Fe1.4599	Fe7.11467	1.93148	Ft2.1043	Ft7.1775	1.56465
Fe1.7412	Fe8.5055	1.93146	Ft2.4121	Ft5.2943	1.56451
Fe4.11697	Fe7.8320	1.93143	Ft4.3119	Ft7.1493	1.56441
Fe3.4568	Fe7.6295	1.93123	Ft2.3350	Ft3.4611	1.56414
Fe5.6636	Fe8.5108	1.93121	Ft2.2862	Ft3.688	1.56372
Fe7.11728	Fe8.3523	1.93108	Ft4.4276	Ft4.4940	1.56367
Fe3.12068	Fe4.9906	1.93091	Ft2.67	Ft4.4033	1.56354
Fe3.5533	Fe4.6744	1.93086	Ft3.654	Ft5.1544	1.56342
Fe1.1223	Fe6.3407	1.93072	Ft3.2755	Ft8.1271	1.56339
Fe2.10223	Fe3.10519	1.93059	Ft2.6527	Ft4.5568	1.5633
Fe4.6338	Fe5.9630	1.93057	Ft2.3018	Ft8.136	1.56316
Fe2.11331	Fe7.4261	1.93025	Ft2.5421	Ft7.1053	1.56316
Fe3.7062	Fe6.5390	1.93023	Ft1.2839	Ft2.575	1.56303
Fe4.14393	Fe8.3400	1.93014	Ft2.4108	Ft4.5771	1.56298
Fe1.290	Fe6.2058	1.93004	Ft2.467	Ft4.3337	1.56295
Fe6.3028	Fe6.9150	1.92999	Ft2.5951	Ft7.4952	1.56281
Fe5.1166	Fe8.11015	1.92994	Ft2.242	Ft4.4491	1.5627
Fe2.13464	Fe2.13492	1.92991	Ft3.787	Ft6.3186	1.56267
Fe2.10277	Fe8.12104	1.92989	Ft2.6640	Ft8.4188	1.56262
Fe2.1510	Fe2.11571	1.92987	Ft8.548	Ft8.2462	1.56252
Fe3.13836	Fe5.2569	1.92983	Ft2.4195	Ft2.6039	1.56249
Fe2.13874	Fe6.915	1.92974	Ft6.1703	Ft7.1007	1.56247
Fe3.12068	Fe4.6048	1.92963	Ft1.1201	Ft7.3450	1.56235
Fe1.1209	Fe5.1700	1.92961	Ft3.1941	Ft4.3809	1.5622
Fe6.2885	Fe6.5045	1.92936	Ft2.4508	Ft8.1384	1.56212
Fe3.14022	Fe6.9654	1.92924	Ft4.2828	Ft8.1530	1.56201
Fe2.160	Fe8.9671	1.9292	Ft2.5984	Ft3.5693	1.56196
Fe4.5622	Fe6.9086	1.92903	Ft4.3129	Ft7.1519	1.56152
Fe6.10224	Hic.scaffold.10.212	1.92902	Ft3.420	Ft8.1227	1.56136
Fe2.8791	Fe3.1002	1.92899	Ft2.5811	Ft3.5490	1.56107
Fe8.10153	Fe8.11415	1.92898	Ft2.4619	Ft8.928	1.56088
Fe1.1500	Fe6.3588	1.92896	Ft2.2651	Ft3.2828	1.5607
Fe3.1943	Fe5.9494	1.92896	Ft1.1861	Ft4.1517	1.56046
Fe2.13800	Fe3.14201	1.9289	Ft3.5160	Ft5.2973	1.56031

Fe1.328	Fe2.608	1.92885	Ft7.4765	Ft8.225	1.55976
Fe3.5610	Fe4.3970	1.92841	Ft6.600	Ft8.1974	1.55957
Fe2.11864	Hic.scaffold.9.316	1.9282	Ft2.2634	Ft2.4527	1.55937
Fe8.1441	Fe8.4201	1.9282	Ft2.6594	Ft3.694	1.55914
Fe2.10642	Fe4.6113	1.92815	Ft3.1046	Ft8.2746	1.55914
Fe2.7406	Fe7.1420	1.92795	Ft2.1532	Ft7.3115	1.55906
Fe2.14247	Fe5.12160	1.92784	Ft2.384	Ft4.1120	1.55904
Fe7.7425	Fe8.10680	1.92782	Ft6.141	Ft7.393	1.55901
Fe4.8188	Fe7.4232	1.92746	Ft5.2012	Ft7.5226	1.55898
Fe5.72	Fe8.10894	1.92744	Ft8.824	Ft8.2273	1.5589
Fe1.10442	Hic.scaffold.10.479	1.92742	Ft4.2921	Ft8.1284	1.55886
Fe3.8903	Fe8.6430	1.92734	Ft2.5201	Ft2.6455	1.5585
Fe2.8187	Fe8.9151	1.92733	Ft3.4036	Ft6.2452	1.5585
Fe4.847	Fe5.3434	1.92731	Ft2.4525	Ft2.4967	1.55829
Fe6.11634	Fe7.4260	1.92719	Ft2.2239	Ft6.831	1.55826
Fe4.4586	Fe4.6369	1.92712	Ft3.3495	Ft7.4765	1.55773
Fe1.2586	Fe1.4687	1.92668	Ft2.620	Ft4.3542	1.55762
Fe3.2494	Hic.scaffold.9.333	1.92639	Ft2.1821	Ft8.1241	1.55758
Fe4.9579	Fe7.7422	1.92618	Ft4.714	Ft7.5217	1.55743
Fe1.1169	Fe6.3043	1.92612	Ft2.4452	Ft4.5714	1.55732
Fe3.14492	Fe6.12166	1.92609	Ft2.1054	Ft7.548	1.55718
Fe3.6095	Fe5.4722	1.92601	Ft2.3118	Ft8.4192	1.55703
Fe5.4742	Fe7.6423	1.9258	Ft3.5148	Ft5.2968	1.55651
Fe2.8201	Fe6.2431	1.92567	Ft1.1844	Ft4.3741	1.5565
Fe2.2699	Fe3.1157	1.92554	Ft2.5390	Ft2.5773	1.55571
Fe2.957	Fe6.2064	1.92551	Ft2.2037	Ft3.605	1.55564
Fe2.12804	Fe5.3374	1.92534	Ft1.2464	Ft6.1085	1.55556
Fe1.7606	Fe1.14056	1.92518	Ft1.2302	Ft2.4207	1.55548
Fe3.4464	Fe5.7836	1.92517	Ft4.4313	Ft7.2087	1.55532
Fe2.10293	Fe4.793	1.92498	Ft3.665	Ft4.1824	1.55528
Fe4.14474	Fe7.1964	1.92493	Ft1.1776	Ft2.394	1.55522
Fe2.8561	Fe7.11932	1.92492	Ft2.3495	Ft5.2972	1.55481
Fe6.11049	Fe7.2511	1.92476	Ft4.2580	Ft6.1082	1.55447
Fe4.1626	Fe8.10124	1.92472	Ft5.2285	Ft6.2272	1.55443
Fe1.1050	Fe6.3251	1.92455	Ft4.829	Ft8.1260	1.55433
Fe3.4223	Fe6.8037	1.92452	Ft2.3015	Ft3.5747	1.55431
Fe4.1185	Fe7.2881	1.92442	Ft2.592	Ft7.2464	1.55428
Fe4.12231	Fe7.74	1.92422	Ft3.3724	Ft8.3186	1.55425
Fe4.13442	Fe8.10317	1.92401	Ft4.3952	Ft5.388	1.55406
Fe1.10245	Fe4.9602	1.924	Ft4.4856	Ft7.2692	1.55396
Fe2.765	Fe3.3100	1.924	Ft1.2439	Ft6.1520	1.55378
Fe2.8529	Fe5.3271	1.92396	Ft4.343	Ft7.4697	1.55329
Fe3.7618	Fe4.9693	1.92368	Ft2.957	Ft3.4639	1.55307
Fe1.10548	Fe1.12448	1.92365	Ft3.879	Ft4.340	1.55299
Fe3.495	Fe3.2390	1.92342	Ft2.5872	Ft4.5629	1.55286
Fe5.12772	Fe7.3443	1.92342	Ft2.5910	Ft3.4291	1.5526
Fe1.14402	Fe3.2093	1.92334	Ft5.44	Ft8.4391	1.55247
Fe4.1358	Fe4.3115	1.9233	Ft1.1868	Ft3.1912	1.55235
Fe5.10636	Fe6.8428	1.92325	Ft3.3710	Ft7.1096	1.55229
Fe7.1690	Fe7.3443	1.92322	Ft5.1896	Ft7.2194	1.55228
Fe3.13146	Fe6.11435	1.92312	Ft7.5166	Ft8.106	1.55171
Fe6.2565	Fe8.3065	1.92304	Ft1.2696	Ft4.983	1.55151
Fe3.388	Fe7.4407	1.92302	Ft4.4276	Ft7.5134	1.551
Fe4.626	Fe4.12555	1.92299	Ft2.4531	Ft7.4915	1.55095
Fe2.9820	Fe6.704	1.92293	Ft6.477	Ft8.3996	1.55089

Fe4.8228	Fe6.5034	1.92285	Ft2.447	Ft6.2117	1.55078
Fe3.416	Fe5.13287	1.92258	Ft2.3795	Ft6.3014	1.55076
Fe2.2735	Fe7.8079	1.92257	Ft2.4508	Ft7.970	1.55068
Fe3.3080	Fe7.4418	1.92238	Ft3.2071	Ft4.5479	1.55061
Fe1.9068	Fe2.9067	1.92212	Ft3.5018	Ft8.2558	1.55061
Fe7.6390	Fe7.11034	1.92196	Ft1.469	Ft3.2612	1.55057
Fe1.10391	Fe8.4550	1.92195	Ft7.405	Ft7.5253	1.55045
Fe6.5034	Fe6.9486	1.92193	Ft4.1479	Ft4.3768	1.55037
Fe4.3461	Fe4.9661	1.92191	Ft7.3063	Ft8.2688	1.55028
Fe2.12790	Fe4.5061	1.92162	Ft2.6493	Ft3.168	1.55018
Fe5.12082	Fe7.4078	1.92156	Ft1.130	Ft8.279	1.55016
Fe8.11065	Hic.scaffold.12.161	1.92148	Ft3.913	Ft4.369	1.55015
Fe3.12001	Fe3.13841	1.92123	Ft3.1380	Ft4.1938	1.55012
Fe4.2972	Fe5.12087	1.92115	Ft3.2450	Ft8.4074	1.54952
Fe2.8843	Fe8.7277	1.92107	Ft3.3633	Ft4.2801	1.54952
Fe4.763	Fe4.12700	1.92098	Ft3.1426	Ft8.1762	1.54937
Fe3.3078	Fe8.7183	1.92091	Ft3.1881	Ft4.753	1.54934
Fe6.6203	Fe8.10731	1.92084	Ft2.2878	Ft3.658	1.54929
Fe1.10548	Fe5.13094	1.92077	Ft8.643	Ft8.1968	1.54925
Fe1.6549	Fe7.6018	1.92064	Ft2.5947	Ft8.4309	1.54923
Fe4.11443	Fe8.7981	1.92053	Ft3.1846	Ft6.1017	1.54913
Fe1.1224	Fe2.12288	1.92048	Ft2.2879	Ft3.590	1.54908
Fe2.28	Fe7.3128	1.92043	Ft4.5945	Ft8.4077	1.54872
Fe2.957	Fe4.5681	1.92042	Ft4.3323	Ft6.1842	1.54871
Fe2.9842	Fe4.13429	1.92034	Ft2.647	Ft4.3515	1.54856
Fe4.3104	Fe7.5405	1.92033	Ft4.348	Ft4.5604	1.54817
Fe2.13909	Fe4.14459	1.92027	Ft2.618	Ft7.741	1.54801
Fe5.12370	Fe7.3250	1.92011	Ft2.3075	Ft4.3832	1.54756
Fe1.4417	Fe7.11930	1.9201	Ft2.5664	Ft8.271	1.54723
Fe1.9277	Fe8.5081	1.92007	Ft2.671	Ft8.340	1.54722
Fe7.7155	Fe8.12014	1.92005	Ft2.6099	Ft7.4697	1.54721
Fe2.10301	Fe8.2555	1.92003	Ft3.2804	Ft8.1241	1.54718
Fe3.12068	Fe6.7616	1.92003	Ft2.3638	Ft2.5461	1.54716
Fe2.4922	Fe7.5994	1.91989	Ft3.1247	Ft8.340	1.5469
Fe2.4820	Fe8.762	1.91937	Ft7.1608	Ft7.4182	1.54684
Fe6.4533	Fe6.10778	1.91931	Ft4.3620	Ft8.3510	1.54675
Fe8.4427	Fe8.7215	1.9192	Ft2.2428	Ft7.3975	1.54671
Fe7.2559	Hic.scaffold.9.649	1.91913	Ft4.5753	Ft5.882	1.5467
Fe4.12535	Fe8.7615	1.91908	Ft2.711	Ft4.1762	1.54653
Fe4.10101	Fe6.9188	1.91901	Ft2.4967	Ft8.1466	1.54648
Fe5.9321	Fe7.6377	1.91875	Ft3.1008	Ft6.2277	1.54648
Fe2.8018	Fe4.8992	1.91853	Ft2.889	Ft7.1938	1.54613
Fe4.6000	Fe8.10138	1.9185	Ft2.80	Ft2.6528	1.54608
Fe4.5755	Fe5.5658	1.91848	Ft2.4230	Ft8.1994	1.54606
Fe1.3662	Fe4.7634	1.91836	Ft2.4019	Ft8.2019	1.54544
Fe8.10844	Hic.scaffold.10.396	1.91814	Ft2.6099	Ft8.3878	1.54526
Fe2.493	Fe6.8136	1.9181	Ft4.501	Ft6.397	1.5452
Fe4.14475	Fe8.12104	1.91804	Ft7.625	Ft7.887	1.54509
Fe6.5193	Fe7.6855	1.91802	Ft7.4906	Ft8.307	1.54471
Fe1.6570	Fe8.5982	1.918	Ft2.3911	Ft2.5753	1.54458
Fe1.10142	Fe3.8693	1.91793	Ft2.1883	Ft2.4644	1.54441
Fe1.14072	Fe7.1189	1.91787	Ft8.225	Ft8.1253	1.54426
Fe7.12784	Fe8.4104	1.91756	Ft3.334	Ft4.4276	1.54398
Fe1.5978	Fe2.3872	1.91754	Ft5.295	Ft8.3278	1.54336
Fe3.7369	Fe8.3656	1.91747	Ft2.5166	Ft8.1797	1.54334

Fe1.12989	Fe2.11642	1.9174	Ft5.668	Ft5.2903	1.54322
Fe6.725	Fe7.427	1.9174	Ft2.2324	Ft4.1717	1.54314
Fe2.730	Fe6.10573	1.91737	Ft6.1181	Ft8.1695	1.54314
Fe2.6583	Fe6.19	1.91725	Ft2.2651	Ft2.4317	1.54309
Fe4.5885	Fe6.5989	1.91715	Ft2.950	Ft7.1388	1.54306
Fe1.12052	Fe6.9071	1.91696	Ft2.4651	Ft8.985	1.54303
Fe1.737	Fe5.14158	1.91691	Ft4.2573	Ft6.1085	1.54294
Fe2.4790	Fe3.8580	1.9168	Ft2.4334	Ft4.3460	1.54284
Fe3.12538	Fe4.3568	1.91669	Ft1.2083	Ft4.1762	1.5426
Fe2.12952	Fe4.13800	1.91634	Ft2.688	Ft8.254	1.54259
Fe1.14162	Fe2.14299	1.91621	Ft8.40	Ft8.2462	1.54256
Fe1.5621	Fe3.5899	1.91618	Ft5.992	Ft5.1083	1.54255
Fe2.14014	Fe7.1139	1.91617	Ft1.1634	Ft4.4689	1.54243
Fe3.9933	Fe8.11826	1.91583	Ft3.548	Ft8.2622	1.54242
Fe6.8344	Fe7.408	1.91579	Ft6.2017	Ft7.3518	1.54186
Fe3.9856	Fe6.9484	1.91578	Ft3.1837	Ft3.2030	1.54172
Fe4.5622	Fe5.7724	1.91568	Ft2.2517	Ft7.776	1.54149
Fe1.7038	Fe7.8432	1.91544	Ft4.2037	Ft7.3028	1.54128
Fe2.9535	Fe7.11889	1.91539	Ft2.4934	Ft3.2558	1.54113
Fe4.5622	Fe8.2073	1.91518	Ft2.5182	Ft4.5155	1.54111
Fe4.11699	Fe5.4894	1.91509	Ft7.4955	Ft8.1309	1.54104
Fe6.5583	Fe8.6488	1.91505	Ft7.2824	Ft8.279	1.54061
Fe1.10226	Fe6.8442	1.91501	Ft2.1761	Ft7.1209	1.54056
Fe3.12229	Fe5.10636	1.91499	Ft3.1264	Ft5.246	1.54021
Fe1.7128	Fe4.3776	1.91477	Ft7.5062	Ft8.1168	1.54007
Fe1.10863	Fe2.4113	1.91476	Ft2.4627	Ft3.2111	1.53984
Fe3.3515	Fe4.9579	1.9147	Ft1.1160	Ft7.5036	1.53966
Fe3.766	Fe8.6461	1.9147	Ft4.777	Ft5.1012	1.53959
Fe2.3840	Fe6.2192	1.91455	Ft3.1380	Ft3.2881	1.53934
Fe2.3817	Fe6.9851	1.91451	Ft3.2754	Ft4.2934	1.53932
Fe5.8785	Fe7.7067	1.91448	Ft2.5053	Ft8.1604	1.5393
Fe2.11825	Fe7.1648	1.9141	Ft5.639	Ft5.2034	1.5389
Fe2.13786	Fe2.14146	1.91409	Ft4.6047	Ft5.1529	1.53882
Fe5.13050	Fe5.13511	1.91408	Ft4.3359	Ft6.1793	1.5388
Fe3.13562	Fe8.7445	1.91397	Ft2.6481	Ft5.65	1.53862
Fe2.1368	Fe2.3048	1.9135	Ft7.4875	Ft8.4793	1.53843
Fe6.7616	Fe7.3558	1.91349	Ft3.1238	Ft7.996	1.53793
Fe5.9800	Fe7.8641	1.91348	Ft4.827	Ft4.4799	1.53781
Fe5.11979	Fe7.8320	1.91345	Ft2.5059	Ft6.1609	1.53737
Fe4.5969	Fe6.5797	1.91332	Ft6.1960	Ft8.155	1.53734
Fe1.10442	Fe3.11886	1.91324	Ft3.578	Ft5.1623	1.53725
Fe1.10338	Fe4.3115	1.91316	Ft7.2232	Ft7.3454	1.53715
Fe3.5182	Fe8.3872	1.91311	Ft1.2109	Ft4.3457	1.53712
Fe1.10468	Fe3.7835	1.91297	Ft7.2935	Ft7.4906	1.53677
Fe3.13598	Fe6.8013	1.9129	Ft2.922	Ft8.3338	1.53675
Fe1.2597	Fe7.7153	1.91279	Ft5.912	Ft5.2880	1.53668
Fe6.4152	Fe8.2084	1.91266	Ft5.1214	Ft6.1098	1.53651
Fe4.6106	Fe5.10740	1.91235	Ft2.4923	Ft8.40	1.53646
Fe2.12236	Fe8.9226	1.91233	Ft2.5918	Ft7.1384	1.53637
Fe2.8529	Fe6.10375	1.91229	Ft7.729	Ft7.733	1.5363
Fe2.13874	Fe5.13101	1.91205	Ft3.694	Ft8.3878	1.53628
Fe2.8201	Fe6.9220	1.91189	Ft3.1241	Ft8.4980	1.53623
Fe5.12873	Fe8.10048	1.91179	Ft2.4486	Ft6.3344	1.53618
Fe2.14168	Fe3.14284	1.91177	Ft7.3118	Ft8.1787	1.53616
Fe5.13138	Fe8.10246	1.91163	Ft4.1456	Ft4.3842	1.53584

Fe6.8334	Fe7.11598	1.91147	Ft2.2270	Ft3.334	1.53572
Fe6.5616	Fe7.6855	1.91131	Ft3.2828	Ft7.4976	1.53543
Fe2.2590	Fe8.2825	1.91124	Ft2.1301	Ft7.4369	1.53541
Fe1.8571	Fe5.4264	1.91093	Ft3.5645	Ft8.4576	1.53527
Fe4.389	Fe4.13211	1.91087	Ft4.1917	Ft7.3094	1.53513
Fe3.12993	Fe4.5201	1.91061	Ft3.591	Ft3.1515	1.53506
Fe3.5947	Fe6.11089	1.91048	Ft2.5445	Ft7.4651	1.53474
Fe3.10216	Fe3.13366	1.91022	Ft7.800	Ft8.340	1.53406
Fe5.14231	Fe8.10342	1.91016	Ft3.3158	Ft6.656	1.534
Fe2.11595	Fe4.2616	1.91014	Ft2.6517	Ft4.163	1.53366
Fe4.5755	Fe6.9188	1.91011	Ft3.759	Ft8.2994	1.53344
Fe2.2590	Fe4.6338	1.91003	Ft2.6616	Ft3.5722	1.53294
Fe1.4361	Fe2.14011	1.90988	Ft1.862	Ft6.1343	1.53278
Fe6.1571	Fe6.2431	1.90973	Ft3.334	Ft4.726	1.53245
Fe1.7606	Fe3.5004	1.90952	Ft4.215	Ft8.3754	1.53241
Fe2.5037	Fe4.7968	1.90947	Ft3.3592	Ft7.2935	1.53224
Fe3.6222	Fe8.7086	1.90932	Ft7.2173	Ft8.2601	1.53218
Fe4.3739	Fe6.3949	1.90906	Ft2.5765	Ft4.903	1.53197
Fe4.12315	Fe6.3023	1.90898	Ft7.920	Ft8.4561	1.53166
Fe2.5204	Fe7.6390	1.9089	Ft3.4143	Ft8.736	1.53147
Fe2.1952	Fe5.11914	1.9086	Ft2.5853	Ft7.5177	1.53137
Fe4.12618	Fe5.1933	1.90859	Ft1.2587	Ft6.90	1.53121
Fe2.2707	Fe5.6556	1.90853	Ft2.2706	Ft3.190	1.53121
Fe3.2916	Fe6.5249	1.90849	Ft2.641	Ft8.1623	1.53108
Fe2.13737	Fe4.691	1.90848	Ft2.504	Ft4.4889	1.53102
Fe1.9097	Fe4.6037	1.90842	Ft4.5476	Ft8.195	1.53092
Fe7.11298	Fe8.2469	1.90837	Ft3.5029	Ft7.1250	1.53087
Fe1.5078	Fe1.12133	1.90823	Ft1.1835	Ft2.485	1.53082
Fe4.5337	Fe7.4423	1.90818	Ft7.3289	Ft8.195	1.53057
Fe6.9342	Fe7.11687	1.90814	Ft2.1874	Ft7.2651	1.53025
Fe1.7439	Fe7.5977	1.90812	Ft4.5865	Ft8.3996	1.53021
Fe3.3195	Fe4.11920	1.90793	Ft2.461	Ft7.2724	1.5299
Fe2.8904	Fe5.9792	1.9078	Ft1.1005	Ft5.2600	1.52962
Fe1.1303	Fe6.10767	1.90752	Ft6.1403	Ft7.2134	1.52961
Fe2.1157	Fe8.5451	1.90741	Ft3.2783	Ft6.451	1.52954
Fe5.13426	Fe7.3716	1.90739	Ft5.190	Ft5.1016	1.52954
Fe1.9047	Fe3.7618	1.90725	Ft4.4715	Ft5.3033	1.52907
Fe2.11825	Hic.scaffold.10.437	1.90717	Ft2.5887	Ft8.4381	1.52902
Fe5.2718	Fe7.783	1.90714	Ft2.3046	Ft4.2074	1.52863
Fe3.4422	Fe3.8922	1.90666	Ft2.5853	Ft8.3296	1.52816
Fe1.10146	Fe7.4950	1.90652	Ft2.6099	Ft3.2881	1.52814
Fe6.1242	Fe7.4386	1.90652	Ft4.5658	Ft8.4359	1.52813
Fe6.2977	Fe7.2660	1.90635	Ft2.4895	Ft2.5916	1.52811
Fe3.9974	Fe4.8496	1.90631	Ft5.1369	Ft6.556	1.52792
Fe3.9729	Fe5.8033	1.9063	Ft1.1440	Ft7.4006	1.52787
Fe4.5743	Fe4.13035	1.90623	Ft2.3018	Ft7.2070	1.52783
Fe2.11950	Fe2.12747	1.90609	Ft2.6024	Ft8.1615	1.52781
Fe7.4295	Fe8.8538	1.90609	Ft2.5914	Ft8.4359	1.52777
Fe3.117	Fe4.14163	1.90584	Ft2.5130	Ft8.1728	1.52755
Fe1.7128	Fe5.6792	1.90583	Ft1.1145	Ft2.2560	1.5273
Fe1.12052	Fe2.2560	1.90578	Ft2.2879	Ft4.1153	1.52726
Fe4.327	Fe6.1540	1.90578	Ft2.1803	Ft3.4154	1.5272
Fe7.7336	Fe7.11486	1.90563	Ft2.4661	Ft4.829	1.52687
Fe4.3794	Fe4.11231	1.9056	Ft2.4923	Ft8.1530	1.52631
Fe7.3716	Fe7.8079	1.90554	Ft1.2344	Ft8.4941	1.52616

Fe2.8403	Fe3.2547	1.90553
Fe2.2478	Fe4.546	1.90535
Fe2.10285	Fe4.8066	1.90491
Fe3.12327	Fe4.8339	1.9049
Fe3.4401	Fe5.12660	1.90464
Fe1.11396	Fe5.9078	1.90463
Fe3.10539	Fe7.2862	1.9045
Fe6.9851	Fe7.6855	1.90423
Fe7.906	Fe8.10849	1.90395
Fe2.13385	Fe5.8931	1.90394
Fe4.2975	Fe5.3703	1.90344
Fe2.2732	Fe8.9624	1.903
Fe1.2541	Fe3.4072	1.90264
Fe1.12657	Fe8.9719	1.9026
Fe5.7762	Fe6.4591	1.90224
Fe5.7819	Fe6.7709	1.90218
Fe3.3515	Fe4.1091	1.90215
Fe2.10253	Fe2.12095	1.90213
Fe2.2590	Fe3.3586	1.90212
Fe3.49	Fe8.482	1.90207
Fe3.1098	Hic.scaffold.9.229	1.90176
Fe2.3539	Fe8.9168	1.90163
Fe2.3113	Fe2.11387	1.90146
Fe4.686	Hic.scaffold.13.177	1.90144
Fe4.13327	Fe5.1219	1.90115
Fe2.4451	Fe3.12149	1.90112
Fe2.613	Fe6.1717	1.90083
Fe3.13662	Fe7.1075	1.90082
Fe5.13029	Fe7.3162	1.9008
Fe2.1712	Fe4.702	1.90063
Fe4.2989	Fe7.6337	1.90044
Fe7.1052	Fe7.3791	1.9004
Fe4.9493	Fe7.1649	1.90031
Fe2.11700	Fe8.11256	1.90025
Fe5.10094	Fe7.537	1.90015
Fe4.3245	Fe7.9841	1.90011
Fe1.5781	Fe4.5885	1.90009
Fe3.5889	Fe7.4393	1.90009
Fe1.2009	Fe6.3893	1.90003
Fe7.4162	Hic.scaffold.10.28	1.89998
Fe4.8467	Fe6.9467	1.89996
Fe1.3016	Fe2.10558	1.89987
Fe1.3016	Fe4.5702	1.89987
Fe1.10153	Fe4.1808	1.8998
Fe3.3325	Fe6.4644	1.89973
Fe2.8610	Fe4.11554	1.89972
Fe4.9602	Fe6.5364	1.8997
Fe6.3485	Hic.scaffold.9.270	1.89963
Fe3.7455	Fe4.6042	1.89953
Fe2.10923	Fe6.4372	1.8995
Fe2.1605	Fe3.6377	1.89943
Fe3.416	Fe3.4041	1.8994
Fe6.178	Fe7.2646	1.8993
Fe6.4552	Fe6.10913	1.89921
Fe2.10338	Fe4.8361	1.8991
Ft3.4237	Ft8.2653	1.52605
Ft2.4633	Ft3.3495	1.52573
Ft2.3037	Ft7.1599	1.52521
Ft1.2399	Ft8.3918	1.52496
Ft5.1649	Ft7.3931	1.52491
Ft7.386	Ft7.2199	1.52462
Ft6.2232	Ft7.3115	1.52451
Ft3.1205	Ft8.2951	1.52411
Ft2.3052	Ft8.2114	1.52399
Ft5.432	Ft6.1724	1.52364
Ft2.4016	Ft6.652	1.52343
Ft4.5045	Ft7.4349	1.52339
Ft2.335	Ft4.3050	1.52329
Ft4.5974	Ft6.1782	1.52315
Ft1.1146	Ft7.3222	1.52292
Ft1.1841	Ft4.1484	1.52256
Ft2.5155	Ft4.5183	1.52227
Ft1.570	Ft3.5567	1.52213
Ft4.85	Ft8.1446	1.52211
Ft2.6129	Ft6.2231	1.52199
Ft7.865	Ft7.3937	1.5217
Ft3.1838	Ft4.669	1.52164
Ft7.386	Ft7.2986	1.52164
Ft6.3592	Ft7.2423	1.52126
Ft4.1731	Ft4.2135	1.52125
Ft7.876	Ft7.1648	1.52122
Ft1.1305	Ft4.6118	1.52088
Ft2.6311	Ft8.3808	1.52087
Ft1.1754	Ft5.370	1.52073
Ft2.4817	Ft4.4655	1.52073
Ft7.4852	Ft8.3843	1.5203
Ft3.430	Ft3.4980	1.51999
Ft2.2871	Ft3.668	1.5197
Ft3.3278	Ft8.2403	1.51945
Ft2.259	Ft2.5069	1.51931
Ft1.117	Ft7.634	1.51897
Ft2.5811	Ft3.1986	1.51847
Ft8.1722	Ft8.2915	1.51815
Ft2.5194	Ft7.2122	1.51809
Ft3.4580	Ft8.2006	1.51804
Ft3.1353	Ft8.4237	1.51789
Ft5.1751	Ft8.2426	1.51772
Ft7.973	Ft7.1803	1.51736
Ft6.1415	Ft8.4391	1.51705
Ft2.3592	Ft3.4545	1.51666
Ft7.4794	Ft8.4153	1.51616
Ft3.1838	Ft3.2029	1.51611
Ft2.1781	Ft3.1188	1.51608
Ft2.3852	Ft2.5711	1.516
Ft7.3040	Ft8.1917	1.5159
Ft2.5953	Ft3.1300	1.51564
Ft5.1615	Ft7.2927	1.5156
Ft3.5753	Ft4.6025	1.51537
Ft2.459	Ft2.4650	1.51522
Ft2.2378	Ft8.1836	1.51509

Fe1.7207	Fe5.9043	1.89905
Fe4.8402	Fe7.3937	1.89903
Fe4.11361	Fe6.4126	1.89887
Fe5.10531	Fe7.1601	1.89878
Fe1.3625	Fe5.7819	1.89849
Fe6.10316	Fe7.13041	1.89846
Fe2.12497	Fe2.12582	1.8984
Fe5.3608	Fe7.1648	1.8984
Fe2.3817	Fe6.9640	1.89832
Fe3.9679	Fe6.9188	1.89826
Fe4.10993	Fe6.3325	1.89821
Fe4.14584	Fe8.9913	1.89814
Fe1.3905	Fe6.5699	1.89811
Fe5.11423	Fe7.184	1.89808
Fe2.4922	Fe8.2555	1.898
Fe3.8601	Fe4.6220	1.8977
Fe6.11014	Hic.scaffold.9.188	1.89731
Fe7.11598	Fe8.10091	1.89729
Fe4.3412	Fe6.9795	1.89694
Fe3.795	Fe8.9913	1.89688
Fe6.4473	Fe8.7404	1.89684
Fe5.12246	Fe5.13929	1.89681
Fe3.7455	Fe6.9772	1.89673
Fe1.8092	Fe8.2639	1.89671
Fe2.10301	Fe4.5133	1.89669
Fe5.6742	Fe8.5172	1.89667
Fe3.9713	Fe6.10653	1.89662
Fe1.10153	Fe7.6295	1.89638
Fe3.6640	Hic.scaffold.9.170	1.89638
Fe6.11417	Fe7.6855	1.89629
Fe2.12133	Fe6.2153	1.89628
Fe5.1371	Fe5.3900	1.89576
Fe8.8626	Fe8.11969	1.89575
Fe6.783	Fe8.7426	1.89569
Fe5.11663	Fe7.4894	1.89562
Fe2.7602	Fe5.6719	1.89554
Fe2.10318	Fe5.13394	1.8954
Fe3.3265	Fe3.8682	1.89533
Fe3.2154	Fe3.3689	1.89521
Fe5.1222	Fe5.2769	1.89515
Fe2.7755	Fe3.3960	1.89514
Fe2.2450	Fe7.10749	1.8951
Fe1.14099	Fe6.2376	1.89501
Fe2.2577	Fe3.6640	1.89474
Fe1.4467	Fe8.5034	1.89473
Fe3.13769	Hic.scaffold.13.98	1.89468
Fe2.4451	Fe5.4462	1.89456
Fe2.6679	Fe8.10775	1.89448
Fe1.2734	Fe1.13918	1.89425
Fe6.11923	Fe7.12964	1.8942
Fe2.11239	Fe4.3831	1.89414
Fe1.8681	Fe4.6151	1.89403
Fe5.10469	Fe8.10731	1.89365
Fe2.10134	Fe3.10524	1.89362
Fe3.7455	Fe8.7135	1.8935
Ft2.2808	Ft7.1730	1.51501
Ft1.395	Ft6.3262	1.51475
Ft6.1995	Ft7.3503	1.51474
Ft2.4406	Ft3.1370	1.51464
Ft2.4525	Ft4.3881	1.51462
Ft2.567	Ft4.3590	1.51462
Ft2.5208	Ft8.1886	1.51438
Ft6.1990	Ft8.140	1.51419
Ft2.38	Ft4.3968	1.51414
Ft3.734	Ft8.2781	1.514
Ft1.1897	Ft2.551	1.51395
Ft3.2753	Ft4.2921	1.51375
Ft8.317	Ft8.4974	1.51277
Ft2.1111	Ft3.4817	1.5125
Ft2.2451	Ft4.1871	1.5121
Ft4.1690	Ft7.1052	1.51189
Ft4.368	Ft8.3918	1.5115
Ft3.3405	Ft3.3665	1.51135
Ft6.575	Ft8.5147	1.51115
Ft3.1138	Ft3.5371	1.5108
Ft2.688	Ft5.456	1.51065
Ft4.5177	Ft8.1778	1.51058
Ft5.719	Ft8.4153	1.5104
Ft1.631	Ft6.1154	1.51017
Ft3.721	Ft4.2923	1.5101
Ft3.1247	Ft4.1873	1.50963
Ft2.3106	Ft2.5953	1.5096
Ft3.1036	Ft8.510	1.50913
Ft2.2294	Ft7.3454	1.5091
Ft3.5395	Ft4.5806	1.50899
Ft7.5117	Ft8.2384	1.50899
Ft2.1734	Ft2.3018	1.50896
Ft2.4950	Ft7.3314	1.5089
Ft2.6092	Ft7.4954	1.5089
Ft5.590	Ft7.3907	1.50887
Ft4.5409	Ft7.4952	1.5088
Ft1.144	Ft7.3540	1.50861
Ft2.2925	Ft7.2730	1.50845
Ft3.2001	Ft5.2328	1.50841
Ft2.3258	Ft4.5939	1.5084
Ft6.258	Ft8.3678	1.50839
Ft1.1670	Ft4.1192	1.50835
Ft6.1930	Ft8.1821	1.50811
Ft1.2428	Ft4.877	1.5079
Ft7.615	Ft8.1724	1.50757
Ft5.416	Ft8.3269	1.5073
Ft5.1759	Ft8.2396	1.50709
Ft4.4159	Ft8.1671	1.507
Ft2.2754	Ft3.216	1.50679
Ft1.341	Ft5.641	1.5066
Ft2.275	Ft7.1635	1.50649
Ft3.2450	Ft7.3013	1.50643
Ft6.652	Ft8.1530	1.5061
Ft3.3217	Ft7.1469	1.50597
Ft4.1917	Ft8.1530	1.50586

Fe4.13561	Fe6.783	1.89339	Ft2.3499	Ft5.2973	1.50584
Fe6.11029	Fe7.1548	1.89278	Ft2.3018	Ft4.857	1.50556
Fe2.13792	Fe8.9633	1.89273	Ft7.1599	Ft7.3478	1.50547
Fe5.4709	Fe6.6229	1.8927	Ft3.564	Ft8.1284	1.50546
Fe2.3144	Fe4.13868	1.89265	Ft2.3062	Ft4.3001	1.50528
Fe1.10538	Fe2.8056	1.89244	Ft3.5585	Ft8.4585	1.50525
Fe2.5285	Fe6.9738	1.89244	Ft2.6047	Ft5.721	1.50516
Fe1.10344	Fe3.12337	1.89238	Ft5.932	Ft6.840	1.50482
Fe2.213	Fe8.9624	1.89235	Ft2.2561	Ft2.6440	1.50464
Fe2.10925	Fe7.4260	1.89207	Ft4.1917	Ft6.30	1.50464
Fe2.3048	Fe7.1473	1.89197	Ft5.1793	Ft7.5082	1.50413
Fe3.14341	Fe5.9275	1.89187	Ft5.2708	Ft6.1879	1.50408
Fe3.4015	Fe3.13477	1.89171	Ft2.401	Ft4.1317	1.50407
Fe2.11360	Fe4.910	1.89167	Ft3.826	Ft4.369	1.50407
Fe3.11886	Fe4.5967	1.89167	Ft2.2697	Ft6.694	1.50406
Fe1.807	Fe1.1285	1.89146	Ft7.5146	Ft8.2431	1.50389
Fe3.7426	Fe8.3491	1.89124	Ft4.2132	Ft7.3325	1.50364
Fe6.6205	Fe7.5511	1.89112	Ft5.2145	Ft8.2991	1.50357
Fe3.11108	Fe8.3872	1.8907	Ft4.6169	Ft8.254	1.50338
Fe5.470	Fe7.4386	1.89064	Ft2.5161	Ft8.1778	1.50335
Fe2.10009	Fe6.9494	1.89062	Ft3.4076	Ft8.225	1.50331
Fe4.1341	Fe8.9464	1.89062	Ft3.1216	Ft7.4906	1.50277
Fe2.2705	Fe4.12364	1.8905	Ft7.1599	Ft8.1762	1.50258
Fe1.5079	Fe7.12641	1.89046	Ft5.1629	Ft7.2984	1.50226
Fe5.1903	Fe7.1644	1.8904	Ft4.5704	Ft8.4290	1.50225
Fe6.5336	Fe8.5353	1.89016	Ft3.345	Ft8.392	1.50218
Fe4.8047	Fe5.8919	1.89006	Ft3.1426	Ft3.3473	1.50204
Fe1.327	Fe2.14306	1.89004	Ft5.2010	Ft7.5235	1.50196
Fe2.8511	Fe6.3754	1.88987	Ft5.706	Ft5.986	1.50174
Fe3.8922	Fe4.11603	1.88972	Ft6.2558	Ft6.2854	1.50171
Fe3.448	Fe5.12877	1.88966	Ft4.974	Ft6.843	1.50121
Fe1.4808	Fe7.1598	1.88957	Ft2.248	Ft8.1722	1.50119
Fe3.14027	Fe6.1896	1.88954	Ft1.433	Ft6.1013	1.50109
Fe6.5016	Fe7.1682	1.88933	Ft3.5176	Ft8.4667	1.50096
Fe4.7634	Fe5.6155	1.88931	Ft2.6494	Ft5.56	1.50084
Fe1.10249	Fe7.5882	1.88902	Ft5.1620	Ft7.2951	1.5006
Fe1.4352	Fe8.5248	1.88869	Ft2.6594	Ft8.3996	1.50059
Fe6.2157	Fe8.8047	1.88859	Ft2.4858	Ft4.4051	1.50053
Fe1.9637	Fe7.6356	1.88858	Ft5.64	Ft6.309	1.50042
Fe4.2854	Fe7.1676	1.88851	Ft2.5056	Ft4.5381	1.50035
Fe3.7040	Fe7.6855	1.88839	Ft4.4276	Ft7.1016	1.49998
Fe2.9692	Fe7.3782	1.88838	Ft2.2417	Ft3.4818	1.49985
Fe3.7040	Fe8.4104	1.88829	Ft4.4864	Ft7.2706	1.49984
Fe6.4552	Fe8.7835	1.88826	Ft4.1873	Ft8.3502	1.4998
Fe4.8299	Fe5.6169	1.88819	Ft8.3596	Ft8.5057	1.49961
Fe2.13274	Fe4.3507	1.88807	Ft3.3966	Ft4.2200	1.4996
Fe2.2165	Fe8.10119	1.88802	Ft3.2753	Ft3.4867	1.49945
Fe4.9579	Fe6.3944	1.88799	Ft5.231	Ft6.1518	1.49922
Fe4.8872	Fe7.3804	1.88767	Ft3.2753	Ft4.3782	1.49918
Fe2.13560	Fe4.3412	1.8876	Ft2.6581	Ft4.6047	1.49837
Fe3.7040	Fe4.13209	1.88756	Ft2.4395	Ft2.4643	1.49813
Fe2.3872	Fe7.6816	1.88748	Ft2.4644	Ft3.1072	1.49808
Fe2.8166	Fe7.12652	1.88745	Ft6.1404	Ft7.4765	1.49766
Fe8.2825	Fe8.7215	1.88743	Ft2.4317	Ft4.3782	1.49752
Fe8.10878	Hic.scaffold.9.782	1.88742	Ft4.5738	Ft8.4570	1.49739

Fe2.5010	Fe5.8886	1.88736	Ft1.46	Ft2.6556	1.49724
Fe4.6106	Fe8.10673	1.88732	Ft3.5490	Ft4.358	1.49706
Fe2.13193	Fe8.10960	1.88731	Ft1.257	Ft1.2696	1.49698
Fe4.3053	Fe8.11451	1.88714	Ft1.2464	Ft4.2573	1.49682
Fe3.706	Fe8.11887	1.8871	Ft2.671	Ft4.1717	1.49675
Fe1.13962	Fe3.3989	1.88702	Ft4.5064	Ft8.1895	1.49642
Fe4.12300	Fe7.3645	1.88697	Ft2.6412	Ft3.139	1.49641
Fe1.5717	Fe6.9837	1.88689	Ft3.5557	Ft4.2175	1.49609
Fe1.4433	Fe5.9898	1.88687	Ft2.449	Ft7.1648	1.49596
Fe3.4449	Fe8.11805	1.88666	Ft3.1907	Ft3.5516	1.49594
Fe2.10618	Fe4.5991	1.8866	Ft3.3069	Ft8.2468	1.49583
Fe2.13619	Fe5.1903	1.88653	Ft1.1941	Ft2.587	1.49565
Fe2.9729	Fe3.3682	1.8865	Ft4.4866	Ft7.2716	1.49499
Fe4.14567	Fe7.1034	1.88635	Ft4.3337	Ft7.612	1.49492
Fe2.11648	Fe6.11083	1.88629	Ft2.6469	Ft4.1873	1.49418
Fe3.6222	Fe6.7388	1.88616	Ft2.2359	Ft8.1638	1.49412
Fe4.1620	Fe4.12149	1.88616	Ft1.1698	Ft2.160	1.49411
Fe3.28	Fe8.11926	1.8861	Ft2.6071	Ft8.4589	1.49389
Fe3.4568	Fe6.9419	1.88606	Ft2.3973	Ft7.706	1.49374
Fe3.11562	Fe7.4358	1.88602	Ft7.2802	Ft7.3115	1.49369
Fe6.3240	Hic.scaffold.13.284	1.88593	Ft2.4444	Ft8.4257	1.49354
Fe6.7878	Fe7.12183	1.88584	Ft2.5201	Ft4.1691	1.49344
Fe4.3797	Fe5.11758	1.88574	Ft1.699	Ft5.2624	1.49328
Fe2.7015	Fe4.8212	1.88572	Ft1.25	Ft6.1395	1.49317
Fe4.659	Fe5.4392	1.8857	Ft4.2828	Ft8.1787	1.49311
Fe4.5267	Fe8.3970	1.88529	Ft4.5634	Ft8.4393	1.49308
Fe3.1223	Fe6.1064	1.8852	Ft7.393	Ft8.2081	1.49301
Fe5.2878	Fe5.8785	1.88506	Ft2.2984	Ft2.5853	1.49299
Fe4.8299	Fe8.4178	1.88499	Ft4.645	Ft8.3510	1.49276
Fe5.3730	Fe6.8238	1.88495	Ft2.4557	Ft3.4565	1.49263
Fe1.10692	Fe2.4820	1.88476	Ft6.1416	Ft8.548	1.49261
Fe1.180	Fe6.2186	1.88474	Ft3.5621	Ft5.2932	1.49255
Fe3.13911	Fe5.1737	1.8847	Ft3.4358	Ft4.3208	1.49222
Fe3.4705	Fe7.5847	1.8846	Ft7.393	Ft7.2935	1.49201
Fe6.5336	Fe7.7007	1.8845	Ft7.4835	Ft7.5166	1.492
Fe6.3433	Fe6.9180	1.88447	Ft2.4627	Ft3.3473	1.49185
Fe1.2375	Fe6.3485	1.88444	Ft2.2754	Ft8.1638	1.49177
Fe1.13284	Fe2.478	1.88437	Ft1.597	Ft6.1111	1.49147
Fe1.3912	Fe5.1994	1.88414	Ft2.5951	Ft3.365	1.49139
Fe4.9693	Fe6.9985	1.88405	Ft7.2313	Ft8.505	1.49128
Fe7.7240	Fe8.9175	1.88397	Ft1.1713	Ft4.4114	1.49069
Fe1.12063	Fe3.6640	1.88392	Ft3.3219	Ft7.3454	1.49067
Fe1.6570	Fe8.9147	1.88383	Ft2.2709	Ft6.1436	1.49047
Fe1.2106	Fe1.12953	1.88363	Ft2.2808	Ft4.5614	1.49041
Fe3.13840	Fe7.881	1.88338	Ft2.3422	Ft7.1623	1.49037
Fe1.13109	Fe2.11823	1.88337	Ft3.361	Ft8.3325	1.49032
Fe2.8446	Fe5.11461	1.88323	Ft2.3271	Ft8.4054	1.4903
Fe4.13646	Fe6.4038	1.88323	Ft2.1870	Ft4.4297	1.49009
Fe5.1268	Fe7.1609	1.88322	Ft4.1550	Ft4.3612	1.49005
Fe1.3103	Fe6.4516	1.88316	Ft4.5614	Ft8.225	1.48991
Fe5.8013	Fe6.4533	1.88315	Ft4.191	Ft4.2863	1.48979
Fe1.10155	Fe2.2162	1.88311	Ft7.887	Ft7.3912	1.48975
Fe3.1085	Fe7.4223	1.88297	Ft7.2733	Ft7.3087	1.48909
Fe3.9992	Fe7.4631	1.88284	Ft3.2413	Ft6.1120	1.489
Fe1.5349	Fe4.6338	1.88278	Ft1.1961	Ft5.455	1.48894

Fe4.606	Fe6.1737	1.88276	Ft2.1167	Ft2.1734	1.48861
Fe1.2359	Fe1.14025	1.88269	Ft4.3963	Ft8.106	1.48859
Fe4.14405	Fe8.10621	1.88266	Ft1.1828	Ft5.404	1.48836
Fe3.3504	Fe5.7912	1.88262	Ft4.5586	Ft8.5093	1.48779
Fe6.3457	Fe6.6316	1.88258	Ft2.6440	Ft3.4147	1.48708
Fe1.10268	Fe4.5479	1.88255	Ft2.1865	Ft3.4201	1.48694
Fe4.2972	Fe7.1448	1.8825	Ft3.4372	Ft4.2694	1.48687
Fe5.13081	Fe7.12717	1.8825	Ft1.46	Ft6.1429	1.48643
Fe2.8529	Fe7.12279	1.88243	Ft3.3977	Ft8.4812	1.4861
Fe4.3026	Fe7.691	1.88241	Ft3.5623	Ft8.4578	1.486
Fe2.10219	Fe3.4422	1.88226	Ft4.925	Ft6.36	1.48598
Fe8.1724	Fe8.7571	1.88223	Ft4.914	Ft6.1480	1.48563
Fe2.9604	Fe8.10969	1.88217	Ft4.1610	Ft5.451	1.48555
Fe3.9856	Fe3.13814	1.88216	Ft2.1258	Ft8.3886	1.48545
Fe2.11424	Fe3.13572	1.88213	Ft4.2498	Ft4.3023	1.48541
Fe3.1818	Fe8.10162	1.88212	Ft2.5221	Ft7.4697	1.48537
Fe1.1965	Fe4.11789	1.88199	Ft7.1350	Ft7.1915	1.48511
Fe7.9673	Hic.scaffold.12.244	1.88192	Ft2.5413	Ft3.5395	1.48496
Fe3.3193	Fe6.3733	1.88182	Ft1.1192	Ft7.3435	1.48474
Fe2.2577	Fe4.8299	1.88171	Ft2.6575	Ft4.6057	1.48468
Fe3.13546	Fe8.7417	1.88169	Ft7.2947	Ft7.3494	1.4844
Fe1.12243	Fe2.1161	1.88164	Ft2.3501	Ft3.5162	1.48436
Fe2.11424	Fe2.13856	1.88159	Ft3.3219	Ft4.3394	1.48413
Fe4.14427	Fe8.10604	1.88134	Ft4.266	Ft5.52	1.48408
Fe2.13888	Fe8.11235	1.88099	Ft2.1054	Ft2.5194	1.484
Fe5.13597	Fe7.4255	1.88074	Ft2.2151	Ft8.3883	1.48387
Fe1.8592	Fe6.3434	1.88053	Ft2.5740	Ft6.1181	1.48362
Fe2.12329	Fe2.12791	1.88041	Ft4.3898	Ft6.462	1.48354
Fe4.5081	Fe8.9464	1.88037	Ft3.665	Ft6.901	1.48334
Fe2.14312	Fe8.12014	1.88022	Ft4.131	Ft8.1522	1.48331
Fe2.2478	Fe8.3766	1.88008	Ft2.6500	Ft8.3648	1.48297
Fe4.489	Fe4.13085	1.87998	Ft4.57	Ft7.4800	1.48273
Fe2.11672	Hic.scaffold.10.548	1.87982	Ft3.35	Ft6.2087	1.48261
Fe2.11672	Hic.scaffold.12.244	1.87982	Ft2.5849	Ft3.420	1.48235
Fe4.209	Fe7.12026	1.87968	Ft3.3262	Ft7.2996	1.48221
Fe6.10704	Fe7.9788	1.87967	Ft2.840	Ft2.2879	1.48179
Fe1.9872	Fe6.5213	1.87962	Ft3.3089	Ft6.672	1.48163
Fe5.12805	Fe7.3522	1.8795	Ft4.5690	Ft5.925	1.48126
Fe2.3243	Fe4.3924	1.87942	Ft4.2883	Ft8.195	1.48118
Fe4.2770	Fe6.9224	1.87934	Ft2.961	Ft7.1599	1.48098
Fe1.9532	Fe7.8048	1.87929	Ft1.61	Ft6.1444	1.48065
Fe2.13798	Fe3.6012	1.87918	Ft3.1998	Ft7.1233	1.48023
Fe3.5642	Fe5.6198	1.87918	Ft2.2651	Ft2.3046	1.48015
Fe2.6624	Fe8.6907	1.87912	Ft1.245	Ft4.969	1.47911
Fe5.1794	Fe6.4552	1.87905	Ft3.5460	Ft7.2651	1.4789
Fe2.11202	Fe4.1980	1.87901	Ft4.2282	Ft6.2630	1.47884
Fe2.2710	Fe4.1213	1.87899	Ft2.1177	Ft2.2317	1.47839
Fe2.9881	Fe3.1526	1.87895	Ft2.6099	Ft7.1879	1.47827
Fe3.9856	Fe6.5989	1.87892	Ft3.883	Ft3.1846	1.47815
Fe4.2204	Fe8.12011	1.87882	Ft5.2240	Ft6.2223	1.47811
Fe1.7337	Fe4.5446	1.87879	Ft1.362	Ft4.1086	1.47805
Fe6.10099	Fe7.3469	1.87876	Ft2.3040	Ft3.3835	1.47738
Fe2.14103	Fe3.14212	1.87853	Ft4.5930	Ft8.4009	1.47732
Fe7.8192	Fe8.4018	1.8784	Ft7.2474	Ft8.1638	1.47699
Fe2.9987	Fe6.3508	1.87831	Ft2.332	Ft4.5393	1.47687

Fe2.8945	Fe2.11534	1.87818	HiC_scaffold_5_2	iC_scaffold_5_33	1.47641
Fe3.5695	Fe4.9652	1.8781	Ft2.5439	Ft5.738	1.47627
Fe1.8571	Fe4.7514	1.87808	Ft4.753	Ft7.2540	1.47624
Fe3.3362	Fe6.4597	1.87796	Ft2.4644	Ft4.669	1.4762
Fe2.2583	Fe3.10217	1.87793	Ft3.2826	Ft7.4955	1.4761
Fe1.13370	Fe2.11198	1.87786	Ft2.5107	Ft8.1559	1.4759
Fe4.6007	Fe7.7336	1.87785	Ft8.1623	Ft8.4849	1.47549
Fe3.14582	Fe4.1977	1.87768	Ft3.2029	Ft7.2652	1.47547
Fe4.4597	Fe5.1862	1.87742	Ft1.2502	Ft6.1120	1.47499
Fe5.2500	Fe6.10468	1.87735	Ft2.3769	Ft2.5379	1.47488
Fe2.2713	Fe5.12749	1.87731	Ft2.6069	Ft8.2613	1.47475
Fe8.10536	Hic.scaffold.11.241	1.87716	Ft4.167	Ft6.257	1.47473
Fe1.12194	Fe4.13327	1.87701	Ft2.2696	Ft8.3904	1.4745
Fe2.2633	Fe4.3285	1.87693	Ft1.1804	Ft2.428	1.47414
Fe3.10524	Fe7.9142	1.87687	Ft2.4491	Ft4.5695	1.47399
Fe4.11846	Fe6.10361	1.87687	Ft2.81	Ft4.4053	1.47399
Fe3.10198	Fe4.8333	1.8768	Ft4.3075	Ft5.2773	1.47394
Fe4.832	Fe4.12357	1.8767	Ft2.1347	Ft3.5128	1.4739
Fe2.2840	Fe4.4722	1.87669	Ft2.4525	Ft7.5177	1.47365
Fe1.1426	Fe1.4985	1.8766	Ft2.3669	Ft5.3002	1.47364
Fe1.4985	Fe6.9405	1.8766	Ft2.3037	Ft8.2888	1.47363
Fe4.659	Fe6.176	1.87642	Ft4.2701	Ft8.2489	1.47361
Fe4.2097	Fe4.8154	1.87623	Ft2.408	Ft5.392	1.4735
Fe4.11777	Fe6.5837	1.87616	Ft2.4016	Ft4.162	1.47337
Fe4.7634	Fe8.2018	1.87602	Ft2.6440	Ft3.1986	1.47335
Fe2.10253	Fe6.3028	1.87601	Ft7.4995	Ft8.5233	1.4732
Fe3.7776	Fe7.7653	1.87599	Ft4.1938	Ft8.1552	1.47288
Fe2.11672	Fe5.9908	1.87589	Ft2.2324	Ft4.4412	1.47284
Fe1.11714	Fe5.150	1.87578	Ft4.5348	Ft6.1276	1.47273
Fe4.5969	Fe6.5135	1.87573	Ft2.2692	Ft2.3040	1.47247
Fe1.10513	Fe4.12776	1.8756	Ft4.2183	Ft7.3028	1.47212
Fe2.10585	Fe2.14122	1.87533	Ft3.1267	Ft5.247	1.47211
Fe3.2961	Fe6.7777	1.87526	Ft2.6218	Ft8.3866	1.47209
Fe2.6178	Fe6.5989	1.87517	Ft3.5716	Ft5.1497	1.47193
Fe2.2478	Fe6.5140	1.8751	Ft2.6099	Ft7.2956	1.4719
Fe2.953	Fe8.455	1.8751	Ft4.5865	Ft7.892	1.47167
Fe3.1966	Fe5.4287	1.87504	Ft4.3395	Ft8.3496	1.47155
Fe2.11915	Hic.scaffold.10.508	1.87494	Ft2.1756	Ft2.3130	1.47151
Fe5.167	Hic.scaffold.11.156	1.87466	Ft4.1731	Ft8.225	1.47134
Fe5.11762	Fe7.3443	1.87453	Ft2.5445	Ft6.1044	1.4713
Fe4.5622	Fe7.4837	1.87435	Ft2.2523	Ft2.4222	1.47098
Fe2.13800	Fe2.14165	1.87425	Ft3.184	Ft8.1426	1.47094
Fe3.3586	Fe6.9185	1.87417	Ft3.5392	Ft4.5809	1.47068
Fe1.14599	Fe4.14427	1.87406	Ft4.2045	Ft8.5261	1.47066
Fe1.4496	Fe2.8930	1.87399	Ft1.319	Ft6.919	1.47055
Fe1.9872	Fe6.6691	1.87391	Ft1.225	Ft6.14	1.47047
Fe2.3763	Fe7.3716	1.87389	Ft3.5029	Ft7.3118	1.47007
Fe2.13043	Fe5.12954	1.8738	Ft2.4627	Ft4.1917	1.46986
Fe4.12367	Fe6.9150	1.87375	Ft2.6455	Ft3.4154	1.46975
Fe5.5956	Fe6.11369	1.87373	Ft2.3338	Ft8.3788	1.46953
Fe6.11076	Fe7.2698	1.87369	Ft6.2402	Ft8.3994	1.46926
Fe4.14519	Fe7.1478	1.87365	Ft6.146	Ft8.2310	1.46925
Fe2.3786	Fe3.12407	1.8735	Ft2.2755	Ft3.828	1.46913
Fe1.6842	Fe3.9974	1.87336	Ft3.5490	Ft7.3094	1.46857
Fe3.678	Fe8.11900	1.87315	Ft1.2073	Ft4.1748	1.46855

Fe2.11940	Fe4.13429	1.87302	Ft2.3038	Ft2.6227	1.46819
Fe2.12251	Fe5.11639	1.87294	Ft2.524	Ft4.3659	1.46812
Fe4.11443	Fe8.10029	1.87293	Ft4.4732	Ft7.2537	1.46778
Fe6.5583	Fe6.9484	1.87279	Ft2.918	Ft3.2041	1.46732
Fe2.9986	Fe8.11635	1.87277	Ft2.4016	Ft2.5201	1.46731
Fe2.13382	Fe3.13843	1.87271	Ft1.1132	Ft7.3249	1.46729
Fe5.2927	Fe7.585	1.87261	Ft2.3044	Ft3.5716	1.46711
Fe4.8406	Fe4.11728	1.87239	Ft5.152	Ft6.478	1.46689
Fe8.10124	Hic.scaffold.10.336	1.87215	Ft2.889	Ft7.4995	1.46671
Fe6.1482	Fe6.6856	1.87206	Ft4.4396	Ft7.4995	1.46645
Fe3.1443	Fe8.9600	1.87202	Ft1.598	Ft5.470	1.46639
Fe1.4474	Fe4.1808	1.87191	Ft2.3607	Ft3.5268	1.46617
Fe7.6232	Fe8.4322	1.87182	Ft2.4120	Ft2.5849	1.46604
Fe5.7110	Fe5.7378	1.8717	Ft2.2523	Ft4.4276	1.46576
Fe2.6575	Fe7.7134	1.87156	Ft2.3527	Ft2.5596	1.46572
Fe6.3796	Fe8.9669	1.87135	Ft4.1984	Ft8.4508	1.46562
Fe4.11557	Fe8.5353	1.87119	Ft2.1723	Ft3.4592	1.46536
Fe5.13018	Fe7.3783	1.87111	Ft3.4462	Ft8.1891	1.46528
Fe5.10469	Fe7.450	1.87076	Ft4.1375	Ft4.3993	1.46501
Fe7.749	Fe7.11404	1.87073	Ft1.2538	Ft6.1141	1.46467
Fe3.2536	Fe3.3080	1.87057	Ft3.5449	Ft4.5786	1.46447
Fe2.5664	Fe8.4956	1.87039	Ft6.203	Ft7.635	1.4643
Fe2.10627	Fe4.2280	1.87019	Ft2.996	Ft6.1619	1.46429
Fe1.10773	Fe2.10223	1.86997	Ft2.1753	Ft3.4245	1.46422
Fe2.12123	Fe2.13862	1.86995	Ft3.566	Ft7.3565	1.46415
Fe2.13206	Fe3.2466	1.86962	Ft1.73	Ft6.1470	1.46403
Fe6.10767	Fe8.6100	1.86952	Ft5.1632	Ft7.2993	1.46402
Fe7.1676	Fe8.1616	1.86946	Ft1.2782	Ft4.1107	1.46365
Fe1.10184	Fe1.13289	1.86945	Ft2.4429	Ft3.701	1.46359
Fe1.2244	Fe4.8333	1.86938	Ft4.3246	Ft7.1672	1.46352
Fe6.4072	Fe7.1106	1.86933	Ft2.5918	Ft7.3454	1.46345
Fe1.12063	Fe3.5063	1.86932	Ft2.1865	Ft3.1426	1.46299
Fe1.12883	Fe8.9687	1.86914	Ft5.1746	Ft7.5152	1.46276
Fe2.8529	Fe8.3507	1.86907	Ft2.6331	Ft8.2954	1.4627
Fe3.13866	Fe4.3507	1.86906	Ft2.5660	Ft3.614	1.46254
Fe2.6012	Fe2.8487	1.869	Ft2.5445	Ft7.4952	1.46225
Fe6.8268	Fe7.2619	1.86896	Ft1.2374	Ft2.5750	1.46203
Fe1.6690	Fe2.7678	1.86889	Ft2.5196	Ft7.1245	1.46186
Fe1.10391	Fe6.2298	1.86871	Ft3.4990	Ft8.2549	1.46179
Fe5.10076	Fe7.568	1.86813	Ft5.1804	Ft7.5073	1.46179
Fe4.1341	Fe5.12424	1.86806	Ft7.3431	Ft8.3452	1.46119
Fe2.10301	Fe3.9602	1.86802	Ft2.1843	Ft2.2477	1.46064
Fe4.5885	Fe7.4837	1.86781	Ft2.5292	Ft5.952	1.46023
Fe3.5533	Fe5.11870	1.86725	Ft4.2100	Ft6.937	1.46017
Fe1.10103	Fe4.8038	1.86723	Ft2.393	Ft2.4596	1.45979
Fe2.13415	Fe4.14194	1.86717	Ft2.1546	Ft7.1236	1.45972
Fe2.10301	Fe5.9386	1.86712	Ft4.1938	Ft7.920	1.45961
Fe7.7007	Fe8.2667	1.86696	Ft2.2927	Ft4.6242	1.45955
Fe1.6219	Fe5.10625	1.86678	Ft3.1838	Ft7.3278	1.45946
Fe7.8320	Fe8.3444	1.86663	Ft2.1883	Ft7.2652	1.45944
Fe1.12706	Fe4.12852	1.86649	Ft7.2956	Ft7.3399	1.45935
Fe3.7985	Fe6.7093	1.86638	Ft7.5154	Ft8.2436	1.45904
Fe7.13040	Fe8.9825	1.86634	Ft3.3576	Ft8.1669	1.45885
Fe3.7835	Fe8.7913	1.86625	Ft4.188	Ft8.3729	1.45882
Fe7.2448	Fe7.3791	1.86618	Ft7.3094	Ft8.4793	1.45879

Fe1.582	Fe4.14314	1.86612	Ft2.4557	Ft2.5599	1.45831
Fe1.2375	Fe7.3560	1.8661	Ft4.4735	Ft7.2550	1.45831
Fe3.488	Fe5.13758	1.86608	Ft7.3027	Ft8.1530	1.45807
Fe3.9713	Fe7.11598	1.86573	Ft2.2651	Ft2.5951	1.45798
Fe5.13233	Fe5.14450	1.86568	Ft2.904	Ft7.4976	1.4577
Fe5.5417	Fe6.9404	1.86565	Ft3.2084	Ft6.2232	1.45756
Fe2.1368	Fe2.13789	1.86563	Ft4.186	Ft8.2888	1.45754
Fe2.12292	Fe7.1029	1.86525	Ft4.220	Ft6.2400	1.45741
Fe4.11774	Fe7.11503	1.86525	Ft3.1121	Ft6.2985	1.45714
Fe3.266	Fe7.1185	1.86523	Ft2.819	Ft2.5524	1.45704
Fe4.13436	Fe7.5311	1.8652	Ft5.765	Ft6.857	1.45599
Fe1.8435	Fe3.6577	1.86506	Ft7.2190	Ft8.1284	1.45552
Fe3.10144	Fe7.4008	1.86499	Ft7.4697	Ft8.1638	1.45535
Fe2.11198	Fe4.11697	1.86456	Ft3.2634	Ft6.2536	1.45477
Fe5.2882	Fe6.8147	1.86441	Ft2.1054	Ft3.5490	1.45455
Fe2.702	Fe5.5018	1.86423	Ft2.5066	Ft4.4206	1.45437
Fe1.4326	Fe2.8932	1.86415	Ft3.590	Ft7.4906	1.45433
Fe6.2298	Fe7.2998	1.86414	Ft1.1880	Ft4.3640	1.45415
Fe4.5755	Fe5.12554	1.86363	Ft3.1838	Ft8.3294	1.45402
Fe2.2771	Fe8.7913	1.86354	Ft6.1685	Ft8.741	1.45395
Fe6.2783	Fe6.3796	1.8635	Ft7.775	Ft8.1344	1.4536
Fe3.4592	Fe3.6264	1.86289	Ft7.887	Ft8.4533	1.45324
Fe1.10687	Fe4.9656	1.86274	Ft2.2714	Ft6.1404	1.45319
Fe8.7914	Fe8.9314	1.86273	Ft3.1881	Ft7.4976	1.45318
Fe1.12243	Fe4.557	1.86254	Ft2.4215	Ft4.5743	1.453
Fe2.12698	Fe4.4684	1.86245	Ft2.2618	Ft7.887	1.45291
Fe2.2722	Fe3.5642	1.86235	Ft2.2513	Ft4.908	1.45288
Fe5.13000	Fe6.2384	1.86215	Ft4.753	Ft8.307	1.45281
Fe2.8850	Fe7.11459	1.86212	Ft3.1138	Ft5.2394	1.45279
Fe1.1532	Fe7.12618	1.86208	Ft3.3892	Ft3.4077	1.45271
Fe2.8257	Fe7.12618	1.86208	Ft2.1529	Ft4.5476	1.45264
Fe2.9303	Fe7.12618	1.86208	Ft3.2860	Ft7.2983	1.45235
Fe4.12052	Fe7.12618	1.86208	Ft4.4649	Ft7.4822	1.45234
Fe2.613	Fe7.11633	1.86192	Ft4.1731	Ft8.1787	1.4521
Fe3.5457	Fe4.5267	1.86192	Ft7.476	Ft7.1489	1.45208
Fe2.11504	Fe2.12012	1.86187	Ft2.2551	Ft2.3131	1.45177
Fe2.3817	Fe7.6703	1.86179	Ft3.1398	Ft7.3993	1.45172
Fe3.13786	Fe4.2137	1.86138	Ft4.6039	Ft5.1520	1.45166
Fe2.12876	Fe5.10327	1.86137	Ft3.1227	Ft8.3332	1.45149
Fe3.3453	Fe6.2444	1.86136	Ft1.1506	Ft5.1674	1.45113
Fe6.11744	Fe8.6753	1.86124	Ft8.3577	Ft8.4211	1.45099
Fe3.10217	Fe4.2854	1.8612	Ft7.5134	Ft8.4571	1.45097
Fe5.2888	Fe5.9118	1.86111	Ft2.463	Ft4.1466	1.45094
Fe3.3325	Fe5.7819	1.86101	Ft2.1531	Ft2.1827	1.45089
Fe6.5987	Fe7.12780	1.86091	Ft1.1785	Ft4.3928	1.45029
Fe4.6048	Fe5.7578	1.86085	Ft1.2503	Ft4.2484	1.45023
Fe1.12063	Fe7.5564	1.86075	Ft2.3369	Ft3.4577	1.45007
Fe1.4918	Fe5.4693	1.86075	Ft3.1398	Ft7.615	1.44994
Fe1.14480	Fe4.307	1.86069	Ft4.2157	Ft8.2888	1.44971
Fe3.2405	Fe6.322	1.86054	Ft7.475	Ft7.2654	1.44964
Fe1.1565	Fe4.12907	1.86045	Ft2.3815	Ft4.5781	1.44957
Fe3.13572	Fe4.13377	1.86019	Ft4.786	Ft7.2573	1.44955
Fe5.12915	Fe7.12780	1.85996	Ft6.2872	Ft8.4964	1.44948
Fe7.4013	Fe8.2335	1.85989	Ft1.225	Ft4.928	1.44946
Fe5.10508	Fe7.3172	1.85988	Ft6.155	Ft8.2345	1.44909

Fe5.2766	Fe8.10887	1.85981	Ft6.974	Ft7.5134	1.44902
Fe6.9526	Fe6.11750	1.8598	Ft1.798	Ft2.6216	1.44827
Fe4.5988	Fe6.2048	1.85978	Ft7.1016	Ft7.4952	1.44826
Fe7.128	Fe7.842	1.85971	Ft2.4491	Ft6.3356	1.44788
Fe2.10726	Fe6.10653	1.85966	Ft3.3495	Ft8.4211	1.44785
Fe4.4003	Fe7.5775	1.85953	Ft5.1656	Ft7.3922	1.44744
Fe1.6210	Fe3.8693	1.85936	Ft2.2856	Ft3.1353	1.44736
Fe2.704	Fe6.11496	1.85932	Ft1.1630	Ft8.2059	1.44734
Fe4.11293	Fe6.10560	1.85926	Ft3.3219	Ft4.2056	1.44726
Fe3.2864	Fe6.5193	1.85925	Ft3.666	Ft4.4545	1.44697
Fe6.5989	Fe6.9188	1.85908	Ft4.784	Ft7.2342	1.44681
Fe1.10449	Fe6.10249	1.85905	Ft3.1593	Ft8.355	1.44674
Fe5.6155	Fe8.5353	1.85898	Ft8.1609	Ft8.2788	1.44669
Fe1.4424	Fe3.2264	1.85883	Ft4.5395	Ft4.6230	1.44667
Fe1.5089	Fe3.10617	1.8587	Ft2.5740	Ft7.3027	1.44655
Fe2.10828	Fe6.2431	1.85865	Ft4.4794	HiC.scaffold.5.88	1.44653
Fe3.161	Fe8.434	1.85858	Ft3.3460	Ft4.3823	1.44646
Fe5.4436	Fe6.6691	1.85832	Ft2.5896	Ft6.3402	1.44632
Fe1.12144	Fe5.11038	1.85805	Ft3.1998	Ft8.1268	1.4462
Fe2.13002	Fe5.12954	1.85781	Ft7.996	Ft8.1309	1.44614
Fe1.2271	Fe2.5085	1.85778	Ft2.3655	Ft3.5327	1.44607
Fe3.12008	Fe4.12278	1.85778	HiC_scaffold_5_1	liC_scaffold_5_39	1.446
Fe4.5967	Fe5.3942	1.85775	Ft2.37	Ft4.1363	1.44599
Fe1.12987	Fe6.11369	1.85768	Ft1.2690	Ft4.967	1.44581
Fe2.5204	Fe4.5702	1.85756	Ft2.2879	Ft3.1353	1.44565
Fe2.9278	Fe8.11088	1.85729	Ft3.826	Ft4.4545	1.44558
Fe1.9650	Fe7.92	1.85725	Ft7.649	Ft7.5134	1.44555
Fe1.12367	Fe4.13442	1.85722	Ft2.4525	Ft4.3535	1.44535
Fe1.7254	Fe5.10850	1.85717	Ft2.4120	Ft7.393	1.44516
Fe2.2450	Fe3.5975	1.85714	Ft3.3495	Ft7.2652	1.44516
Fe6.1160	Fe8.4084	1.85696	Ft2.2787	Ft8.5117	1.445
Fe7.439	Fe7.1118	1.85673	Ft4.669	Ft7.3399	1.4448
Fe5.4110	Fe8.9548	1.85655	Ft6.3386	Ft8.1055	1.44478
Fe3.14022	Fe4.5681	1.85604	Ft3.2412	Ft8.3856	1.44476
Fe1.1730	Fe2.9699	1.856	Ft3.3053	Ft6.3647	1.44467
Fe2.10285	Fe6.9695	1.85593	Ft3.1329	Ft5.3	1.44466
Fe2.3016	Fe6.11725	1.85576	Ft4.853	Ft8.2442	1.44463
Fe4.1620	Fe4.4918	1.85575	Ft3.5128	Ft7.4765	1.4444
Fe1.2538	Fe6.5193	1.85569	Ft1.32	Ft6.1397	1.44432
Fe3.6095	Fe6.11417	1.85566	Ft2.4618	Ft8.1821	1.44426
Fe1.2342	Fe6.4644	1.85563	Ft4.1873	Ft8.2915	1.4442
Fe1.11021	Fe3.13790	1.85552	Ft4.1316	Ft5.391	1.44407
Fe6.3633	Fe7.9692	1.8555	Ft4.1665	Ft8.271	1.44401
Fe2.4647	Fe5.4056	1.8554	Ft4.2570	Ft7.1086	1.44383
Fe6.3172	Fe8.7059	1.85528	Ft2.5201	Ft4.667	1.44367
Fe1.10153	Fe8.4076	1.8549	Ft4.1771	Ft7.1016	1.44358
Fe5.3926	Fe6.2269	1.8549	Ft4.2739	Ft4.2783	1.44325
Fe3.851	Fe8.6813	1.85473	Ft2.4931	Ft7.3072	1.44289
Fe1.13943	Fe2.13441	1.85457	Ft4.347	Ft4.5606	1.44285
Fe7.3374	Fe8.9449	1.85426	Ft2.4948	Ft7.3295	1.44228
Fe6.4148	Fe7.10999	1.85414	Ft2.4452	Ft2.5968	1.44224
Fe1.14267	Fe4.12385	1.85411	Ft4.2056	Ft4.2571	1.44201
Fe1.10892	Fe3.968	1.85397	Ft2.2337	Ft3.4985	1.44187
Fe2.10588	Fe2.13073	1.8539	Ft3.3768	Ft8.219	1.44172
Fe4.824	Fe8.7066	1.8539	Ft4.1965	Ft4.4365	1.44172

Fe3.5822	Fe4.10059	1.8538	Ft2.4627	Ft8.2888	1.4417
Fe2.4113	Fe7.7067	1.85349	Ft7.2824	Ft8.3856	1.44112
Fe4.9656	Fe7.8090	1.85349	Ft3.5516	Ft4.313	1.44099
Fe6.1254	Fe7.1123	1.85349	Ft7.847	Ft7.3975	1.44084
Fe3.708	Fe5.10026	1.85308	Ft2.4045	Ft7.1669	1.44075
Fe3.786	Fe8.10177	1.85282	Ft3.1060	Ft4.5614	1.44045
Fe3.320	Fe8.10887	1.85267	Ft6.1993	Ft8.127	1.44044
Fe3.7038	Fe7.8952	1.85267	Ft2.2547	Ft7.5053	1.44004
Fe5.6020	Fe7.6069	1.85258	Ft2.4250	Ft2.4584	1.43943
Fe1.12165	Fe4.489	1.85238	Ft1.283	Ft4.1004	1.43928
Fe4.12361	Fe6.1896	1.85237	Ft2.4470	Ft8.4290	1.43927
Fe4.5890	Fe5.11147	1.85218	Ft3.1380	Ft7.2122	1.43925
Fe3.3682	Fe6.3270	1.85206	Ft1.1136	Ft7.3231	1.43891
Fe1.9924	Fe5.6968	1.85199	Ft3.1264	Ft6.1953	1.43885
Fe7.6295	Fe8.732	1.85191	Ft7.5146	Ft8.121	1.43883
Fe3.7985	Fe3.10615	1.8517	Ft2.2808	Ft4.726	1.43875
Fe4.5773	Fe6.12149	1.85145	Ft6.2161	Ft8.2332	1.43868
Fe1.5978	Fe2.12698	1.85136	Ft4.4827	Ft8.3294	1.43866
Fe2.11950	Hic.scaffold.9.396	1.85122	Ft1.2619	Ft5.455	1.43857
Fe1.10773	Fe8.2819	1.85112	Ft4.101	Ft8.1459	1.4384
Fe2.501	Hic.scaffold.10.123	1.85106	Ft3.4831	Ft8.3856	1.4382
Fe8.878	Fe8.3071	1.85071	Ft4.914	Ft4.5865	1.4381
Fe4.11293	Fe7.10999	1.85067	Ft2.3278	Ft7.1016	1.43791
Fe2.4113	Fe5.10742	1.85062	Ft7.4060	Ft8.2413	1.43789
Fe1.1024	Fe1.13186	1.85034	Ft3.694	Ft7.3993	1.43785
Fe3.9294	Fe5.7786	1.8503	Ft1.2318	Ft5.837	1.43747
Fe1.2009	Fe6.3931	1.85026	Ft1.464	Ft6.1029	1.43733
Fe1.2024	Fe6.3931	1.85026	Ft2.671	Ft3.2029	1.43727
Fe3.5563	Fe7.6232	1.85	Ft1.297	Ft1.2718	1.43722
Fe4.6000	Fe5.10692	1.84998	Ft2.6079	Ft3.5515	1.43713
Fe2.8585	Fe6.896	1.84994	Ft4.2597	Ft6.1080	1.43692
Fe2.4647	Fe4.3776	1.84987	Ft2.5093	Ft4.5263	1.43614
Fe2.7803	Fe6.4381	1.84973	Ft6.2145	Ft8.3580	1.43606
Fe1.7347	Fe5.5984	1.84967	Ft2.5316	Ft7.2989	1.43594
Fe3.4568	Fe3.6522	1.84935	Ft4.5400	Ft4.6222	1.43574
Fe2.5041	Fe8.5353	1.8493	Ft7.2454	Ft7.4888	1.43555
Fe1.13135	Fe8.10976	1.84918	Ft4.2036	Ft8.1920	1.43553
Fe2.5175	Fe3.11620	1.84912	Ft1.1563	Ft8.2137	1.43508
Fe3.3006	Fe8.3178	1.84911	Ft7.2070	Ft7.3867	1.43499
Fe3.6640	Fe6.7216	1.84911	Ft2.5103	Ft4.5214	1.43491
Fe6.3096	Fe6.12025	1.84907	Ft2.2714	Ft8.1762	1.43463
Fe2.9635	Fe6.751	1.84903	Ft2.2591	Ft8.1156	1.43462
Fe7.1136	Fe8.9911	1.84901	Ft2.3444	Ft4.3813	1.43443
Fe1.14122	Fe2.11251	1.84894	Ft8.307	Ft8.1552	1.4344
Fe4.9484	Fe6.9185	1.8489	Ft2.4812	Ft2.5853	1.43433
Fe2.13047	Fe7.868	1.84883	Ft2.2391	Ft7.3993	1.43419
Fe5.2022	Fe5.13004	1.84882	Ft2.721	Ft7.32	1.43391
Fe3.4988	Fe8.3547	1.84868	HiC_scaffold_5_HiC_scaffold_5_10		1.43381
Fe7.1661	Fe7.4893	1.84859	Ft4.549	Ft6.383	1.43373
Fe4.8402	Fe5.8045	1.84858	Ft7.419	Ft7.1243	1.43366
Fe1.3799	Fe1.9769	1.8485	Ft2.494	Ft6.2877	1.43357
Fe2.10935	Fe4.11085	1.84847	Ft2.889	Ft4.4412	1.43352
Fe5.11636	Fe8.3298	1.84831	Ft3.822	Ft8.3037	1.4335
Fe3.2042	Fe4.13725	1.84821	Ft3.2412	Ft7.3029	1.43289
Fe1.11273	Fe6.9526	1.84816	Ft7.658	Ft7.1599	1.43272

Fe3.6713	Fe5.10144	1.84815	Ft2.1039	Ft7.1086	1.43247
Fe2.4113	Fe8.5461	1.84805	Ft1.2288	Ft8.5231	1.43237
Fe6.9814	Fe7.1798	1.84798	Ft3.132	Ft8.732	1.43234
Fe1.10768	Fe4.10430	1.84795	Ft2.1818	Ft3.1124	1.43223
Fe5.3050	Fe5.8919	1.84768	Ft4.2915	Ft6.1894	1.43212
Fe1.430	Fe4.13530	1.84763	Ft1.345	Ft6.945	1.43171
Fe4.3420	Fe6.3100	1.84763	Ft1.600	Ft6.1121	1.43151
Fe4.14477	Hic.scaffold.11.314	1.84748	Ft2.5074	Ft4.4182	1.43142
Fe4.863	Hic.scaffold.10.451	1.84746	Ft2.5555	Ft3.5052	1.43135
Fe2.364	Fe8.5702	1.84745	Ft3.5595	Ft8.318	1.43121
Fe4.1638	Fe7.1078	1.84744	Ft4.1291	Ft4.3904	1.4309
Fe1.3335	Fe6.9837	1.84732	Ft8.1284	Ft8.4074	1.43073
Fe3.5312	Fe7.8473	1.84719	Ft3.990	Ft5.191	1.43058
Fe4.6338	Fe8.5691	1.84719	Ft1.850	Ft2.6172	1.43055
Fe5.14401	Fe8.9935	1.84715	Ft3.4147	Ft8.741	1.42993
Fe6.9915	Fe7.1816	1.84706	Ft4.4623	Ft7.4783	1.42985
Fe6.9985	Fe7.12145	1.84705	Ft4.1550	Ft5.433	1.42957
Fe3.4161	Fe4.1834	1.84695	Ft4.3612	Ft5.433	1.42943
Fe6.2195	Fe7.2586	1.84689	Ft4.281	Ft5.54	1.4292
Fe1.14220	Fe3.2009	1.84681	Ft2.164	Ft2.4467	1.42916
Fe3.815	Fe8.9828	1.84658	Ft4.4545	Ft7.4741	1.42906
Fe3.4401	Fe3.9974	1.84648	Ft1.272	Ft1.2708	1.42905
Fe1.722	Fe6.2690	1.84639	Ft3.1525	Ft4.4941	1.42904
Fe5.9228	Fe6.9665	1.84635	Ft2.4644	Ft3.1353	1.42882
Fe2.13592	Fe8.6938	1.84633	Ft2.6611	Ft3.721	1.42846
Fe1.7165	Fe4.5969	1.84625	Ft7.2802	Ft8.1253	1.42841
Fe2.4858	Fe6.9071	1.84625	Ft2.566	Ft4.1578	1.42813
Fe6.6430	Fe7.3645	1.84617	Ft2.2561	Ft7.5329	1.4279
Fe7.5935	Fe7.7424	1.84611	Ft2.3186	Ft8.4146	1.42721
Fe2.9038	Fe5.9561	1.846	Ft3.4362	Ft8.2893	1.42721
Fe3.11944	Fe6.8473	1.84597	Ft3.4983	Ft8.4707	1.42719
Fe1.3625	Fe2.3817	1.8458	Ft2.5214	Ft7.3094	1.42715
Fe4.5568	Fe6.7439	1.84579	Ft5.2039	Ft7.3823	1.42695
Fe1.12041	Fe2.9487	1.84568	Ft5.1774	Ft7.5096	1.42677
Fe1.14122	Fe2.14066	1.8456	Ft8.1762	Ft8.4533	1.42664
Fe3.2832	Fe6.4876	1.84542	Ft3.1263	Ft8.168	1.42662
Fe7.2834	Fe7.6377	1.84518	Ft1.1495	Ft6.1415	1.4264
Fe6.5193	Fe8.10091	1.84516	Ft1.2383	Ft5.2557	1.42628
Fe4.4003	Fe5.10685	1.84513	Ft6.441	Ft8.3963	1.42559
Fe4.6136	Fe4.11138	1.84496	Ft3.1787	Ft3.4372	1.4255
Fe4.3037	Fe6.3961	1.84493	Ft2.186	Ft4.4159	1.42518
Fe7.5960	Fe8.7564	1.84486	Ft2.2517	Ft7.3046	1.42512
Fe2.10804	Fe2.12962	1.84473	Ft6.1804	Ft7.1878	1.42487
Fe4.11843	Hic.scaffold.12.123	1.84449	Ft2.875	Ft3.3373	1.4244
Fe7.1142	Fe8.10282	1.84427	Ft7.4875	Ft8.1530	1.42439
Fe4.6338	Fe6.6135	1.84417	Ft4.4505	Ft7.2579	1.4243
Fe2.83	Fe4.5819	1.84388	Ft4.1941	Ft7.2581	1.42415
Fe7.4393	Fe8.3178	1.8438	Ft3.2145	Ft7.1181	1.42408
Fe1.13906	Fe5.14426	1.84371	Ft1.335	Ft7.4822	1.42407
Fe3.5630	Fe7.6160	1.84371	Ft4.44	Ft6.2272	1.42379
Fe5.3829	Fe7.3780	1.84367	Ft2.1938	Ft3.286	1.4237
Fe1.9047	Fe4.4596	1.84366	Ft4.587	Ft6.422	1.42341
Fe1.4810	Fe8.5532	1.84365	Ft3.3236	Ft6.2472	1.42322
Fe4.7855	Fe6.6339	1.84365	Ft4.4340	Ft4.4854	1.42321
Fe1.12117	Fe2.8575	1.84346	Ft2.4118	Ft3.5555	1.42317

Fe1.13866	Fe2.4891	1.84333	Ft3.2793	Ft3.5490	1.42314
Fe4.5982	Fe7.8473	1.84326	Ft3.4773	Ft7.5129	1.42304
Fe2.10548	Fe3.13752	1.84324	Ft7.1591	Ft8.271	1.4227
Fe4.3649	Fe6.5960	1.84318	Ft2.4248	Ft5.2048	1.42242
Fe4.3031	Fe6.11876	1.84316	Ft4.2818	Ft8.1384	1.42234
Fe6.9071	Fe6.11303	1.84306	Ft7.4875	Ft8.271	1.42216
Fe2.10441	Fe4.10097	1.84302	Ft3.365	Ft8.4533	1.42171
Fe4.9353	Fe7.6703	1.84298	Ft3.1072	Ft3.5510	1.42163
Fe1.1966	Fe6.3891	1.84285	Ft2.411	Ft3.826	1.4214
Fe2.181	Fe8.514	1.84275	Ft4.2174	Ft8.2610	1.42139
Fe3.13949	Fe5.1744	1.84268	Ft2.3174	Ft8.4158	1.42132
Fe2.3611	Fe3.3736	1.84251	Ft3.4611	Ft7.2225	1.42115
Fe1.12063	Fe2.2577	1.84248	Ft1.1098	Ft7.4989	1.42114
Fe1.9334	Fe4.1887	1.84237	Ft3.1907	Ft8.1829	1.42108
Fe4.14459	Fe7.4418	1.84237	Ft2.3046	Ft4.885	1.42049
Fe1.3329	Fe1.10449	1.84236	Ft7.1150	Ft7.1384	1.42037
Fe2.4647	Fe4.11603	1.84235	Ft2.4644	Ft3.2516	1.41981
Fe4.14590	Fe5.59	1.84227	Ft4.5686	Ft8.4322	1.41978
Fe1.9909	Fe7.12503	1.84215	Ft2.5169	Ft8.1776	1.41933
Fe3.3682	Fe7.3716	1.84196	Ft4.1919	Ft7.2935	1.41918
Fe3.8675	Fe8.4080	1.84192	Ft2.6417	Ft7.425	1.41876
Fe2.13863	Fe8.10652	1.8419	Ft4.1153	Ft8.225	1.41873
Fe1.10516	Fe2.4060	1.84175	Ft1.1734	Ft6.1585	1.41831
Fe2.3206	Fe5.2779	1.84174	Ft2.4882	Ft7.4937	1.41795
Fe3.11637	Fe5.1850	1.84158	Ft2.3376	Ft4.5590	1.41787
Fe6.4337	Fe7.7415	1.84156	Ft2.3047	Ft8.4166	1.4178
Fe5.3499	Fe8.2404	1.84137	Ft1.2902	Ft3.525	1.41771
Fe2.8575	Fe3.173	1.84124	Ft1.2119	Ft5.497	1.41764
Fe7.6069	Fe7.9911	1.84118	Ft1.1238	Ft2.5015	1.4176
Fe2.2771	Fe4.6127	1.84106	Ft7.2515	Ft8.3718	1.41758
Fe4.6042	Fe6.9484	1.84104	Ft3.4121	Ft8.4508	1.41752
Fe5.8322	Fe6.6006	1.84081	Ft3.5225	Ft5.731	1.4172
Fe5.10011	Fe7.8675	1.84076	Ft1.1788	Ft4.1312	1.41688
Fe4.1918	Fe4.12045	1.84068	Ft2.4557	Ft3.4442	1.41687
Fe5.2915	Fe6.9969	1.84051	Ft3.2029	Ft7.1269	1.41677
Fe4.474	Fe8.7862	1.84044	Ft1.284	Ft6.873	1.41673
Fe3.6147	Fe7.1098	1.8403	Ft2.4121	Ft3.5565	1.41643
Fe3.11155	Fe8.3624	1.84013	Ft4.1514	Ft4.3659	1.41635
Fe2.2722	Fe3.3676	1.84009	Ft7.2948	Ft8.741	1.41627
Fe2.2768	Fe7.9649	1.83978	Ft1.705	Ft7.395	1.41623
Fe5.2779	Fe7.3531	1.83975	Ft6.1366	Ft7.4952	1.41618
Fe2.13143	Fe5.1926	1.83971	Ft3.2828	Ft4.2168	1.41602
Fe2.362	Hic.scaffold.11.290	1.83963	Ft4.135	Ft4.5587	1.41601
Fe2.8822	Fe7.9820	1.8396	Ft2.5455	Ft3.5285	1.41582
Fe2.2478	Fe2.10387	1.83957	Ft2.4751	Ft2.6099	1.41573
Fe2.11424	Fe4.6106	1.83924	Ft2.1014	Ft7.1631	1.41555
Fe5.6676	Fe6.4772	1.83923	Ft4.2174	Ft7.615	1.41554
Fe2.8610	Fe3.13366	1.83917	Ft1.2232	Ft4.1961	1.41516
Fe5.7545	Fe7.6390	1.83905	Ft5.381	Ft5.681	1.4151
Fe4.805	Fe4.3672	1.83903	Ft4.2027	Ft8.5267	1.41497
Fe2.13815	Fe3.14121	1.83892	Ft4.713	Ft7.2456	1.41461
Fe2.3837	Fe6.10224	1.83882	Ft6.2859	Ft7.2275	1.41453
Fe2.12175	Fe8.8221	1.83875	Ft2.4526	Ft7.2977	1.41452
Fe2.11122	Fe2.13511	1.83855	Ft3.216	Ft3.2753	1.41429
Fe4.3061	Fe7.12180	1.83842	Ft2.2391	Ft7.4915	1.41411

Fe3.5312	Fe4.12730	1.83838	Ft4.885	Ft8.1638	1.41409
Fe3.7276	Fe8.2073	1.83838	Ft5.187	Ft6.2091	1.41402
Fe7.833	Fe7.6108	1.83838	Ft2.620	Ft4.1633	1.41389
Fe6.3944	Fe8.9197	1.83831	Ft2.5252	Ft4.4945	1.41382
Fe3.14492	Fe7.12727	1.83796	Ft2.958	Ft7.1679	1.41381
Fe4.13829	Fe7.1457	1.83783	Ft2.2651	Ft2.2879	1.41377
Fe3.8600	Fe8.10673	1.83769	Ft3.4484	Ft8.1638	1.41367
Fe2.9236	Fe8.2887	1.83762	Ft2.3444	Ft7.2058	1.41333
Fe1.6212	Fe2.8802	1.83756	Ft2.2240	Ft8.3948	1.4133
Fe5.12489	Fe7.6177	1.8375	Ft5.710	Ft5.2137	1.41306
Fe2.901	Fe7.11977	1.8373	Ft2.4627	Ft3.2821	1.41294
Fe1.1492	Fe7.5664	1.83708	Ft7.3896	Ft7.4561	1.41294
Fe2.8585	Fe7.148	1.83705	Ft2.4416	Ft2.4665	1.41271
Fe5.9386	Fe6.9185	1.83704	Ft1.2619	Ft4.903	1.41257
Fe2.8187	Fe8.3970	1.83699	Ft2.5976	Ft4.5727	1.41232
Fe1.11309	Fe7.6677	1.83698	Ft4.915	Ft6.41	1.41227
Fe3.1117	Fe7.2269	1.83692	Ft4.1717	Ft7.1020	1.41221
Fe8.732	Fe8.2555	1.8369	Ft2.5918	Ft3.2450	1.41209
Fe5.13277	Fe7.2968	1.83686	Ft2.1754	Ft3.4244	1.41205
Fe1.2548	Fe2.10923	1.83685	Ft7.3046	Ft8.1384	1.41179
Fe6.11165	Fe7.12717	1.83676	Ft2.353	Ft4.6221	1.41175
Fe3.5992	Fe7.3718	1.83674	Ft7.1921	Ft7.2735	1.41173
Fe2.12993	Fe6.11184	1.83672	Ft3.1085	Ft8.1227	1.4114
Fe3.13746	Fe7.1676	1.83667	Ft3.3835	Ft6.2505	1.41139
Fe5.14452	Fe7.2420	1.83664	Ft7.1140	Ft7.3217	1.41118
Fe1.6568	Fe5.10016	1.83655	Ft4.819	Ft4.4827	1.41106
Fe3.7038	Fe5.10011	1.83641	Ft6.3377	Ft8.1026	1.41098
Fe4.9656	Fe8.7135	1.83627	Ft2.668	Ft7.1086	1.41096
Fe3.8743	Fe6.2984	1.83625	Ft4.3666	Ft8.2390	1.41042
Fe2.544	Fe2.8039	1.83614	Ft2.5593	Ft3.5195	1.4104
Fe4.10411	Fe7.1185	1.83611	Ft2.5811	Ft7.4697	1.41033
Fe3.5374	Fe4.6446	1.8359	Ft3.2101	Ft7.1287	1.40998
Fe1.10894	Fe8.3872	1.83585	Ft2.6455	Ft7.3094	1.40948
Fe1.13967	Fe2.13989	1.83578	Ft2.6076	Ft7.2173	1.40945
Fe1.11907	Fe5.10085	1.83562	Ft3.1398	Ft8.1253	1.40936
Fe1.7128	Fe2.4702	1.8356	Ft1.156	Ft6.73	1.40924
Fe3.3093	Fe4.10558	1.83554	Ft2.411	Ft8.225	1.40917
Fe5.13637	Hic.scaffold.9.421	1.8355	Ft2.3099	Ft2.6638	1.40883
Fe2.1424	Fe7.7134	1.83538	Ft2.5304	Ft8.2081	1.40881
Fe8.8555	Fe8.10298	1.83525	Ft6.1947	Ft8.171	1.4088
Fe2.1100	Fe4.326	1.83524	Ft2.4644	Ft8.2915	1.40856
Fe4.2972	Fe8.11475	1.83514	Ft2.5818	Ft4.5528	1.40851
Fe1.14542	Fe2.11931	1.83506	Ft3.826	Ft8.592	1.40781
Fe2.2964	Fe6.2565	1.83487	Ft6.2005	Ft8.114	1.40773
Fe4.1997	Fe8.11518	1.83486	Ft1.1267	Ft8.482	1.40748
Fe7.5038	Fe8.9282	1.83482	Ft6.2194	Ft8.3318	1.40668
Fe3.13789	Fe4.3598	1.83474	Ft3.1522	Ft8.5190	1.40649
Fe1.4361	Fe7.1440	1.83465	Ft4.5626	Ft5.724	1.40631
Fe6.3270	Fe6.11303	1.83454	Ft2.264	Ft4.5357	1.40623
Fe1.13292	Fe3.8983	1.83423	Ft1.2085	Ft4.1770	1.40612
Fe1.2449	Fe1.5766	1.83419	Ft4.291	Ft6.283	1.40537
Fe1.14068	Fe3.766	1.83412	Ft2.400	Ft4.1320	1.40535
Fe5.1318	Fe7.2955	1.83409	Ft5.37	Ft8.3751	1.40529
Fe1.10425	Fe5.3077	1.83381	Ft7.1730	Ft8.1762	1.40519
Fe4.14114	Fe5.243	1.83381	Ft2.413	Ft3.1406	1.40515

Fe2.357	Fe8.10044	1.83377	Ft4.5908	Ft5.420	1.40503
Fe7.5892	Fe7.13235	1.83374	Ft2.394	Ft4.3942	1.40502
Fe2.13927	Fe3.13541	1.83366	Ft3.5516	Ft8.4533	1.40487
Fe4.3037	Fe6.1896	1.83357	Ft3.4723	Ft5.687	1.40435
Fe3.8743	Fe4.5755	1.83354	Ft6.2868	Ft7.5025	1.40435
Fe3.1735	Fe4.6183	1.83308	Ft2.1783	Ft3.4237	1.40416
Fe2.9277	Fe4.1973	1.8329	Ft2.5316	Ft8.4131	1.40416
Fe2.4789	Fe3.10403	1.83284	Ft7.5178	Ft8.2452	1.40414
Fe5.5936	Fe5.8308	1.83282	Ft2.1497	Ft7.1087	1.40404
Fe6.5840	Fe7.5958	1.83277	Ft3.853	Ft8.2035	1.40361
Fe3.2108	Fe6.11221	1.83274	Ft1.143	Ft2.4744	1.40354
Fe1.3271	Fe8.762	1.8326	Ft1.1783	Ft4.1325	1.40322
Fe1.1692	Fe2.3702	1.83256	Ft2.3380	Ft3.5043	1.40319
Fe3.5610	Fe8.6887	1.83244	Ft3.3217	Ft8.1227	1.40295
Fe3.9225	Fe8.5081	1.8324	Ft3.4698	Ft5.416	1.40278
Fe3.3358	Fe6.5319	1.8322	Ft5.1379	Ft6.1476	1.4022
Fe2.5285	Fe5.5658	1.83216	Ft6.871	Ft8.225	1.40181
Fe3.10139	Fe7.1139	1.83208	Ft2.1221	Ft8.3911	1.40163
Fe4.4743	Fe8.9192	1.832	Ft2.5044	Ft6.1633	1.40159
Fe5.2507	Fe6.3066	1.83188	Ft3.1498	Ft4.452	1.40151
Fe1.14135	Fe3.9249	1.83181	Ft2.6101	Ft8.3353	1.40107
Fe6.2100	Fe6.10733	1.83175	Ft1.1080	Ft7.4953	1.40092
Fe1.10338	Fe3.12327	1.83163	Ft2.2856	Ft8.5007	1.40084
Fe2.9937	Fe2.13283	1.83163	Ft1.1175	Ft7.3404	1.40074
Fe5.4056	Fe8.834	1.83146	Ft2.4317	Ft2.6099	1.40035
Fe2.2590	Fe7.7153	1.83127	Ft2.3666	Ft5.3000	1.4003
Fe5.3635	Fe6.4148	1.83126	Ft1.40	Ft2.4848	1.40028
Fe7.1648	Fe7.6013	1.83113	Ft1.2664	Ft4.941	1.40026
Fe6.9150	Fe8.4653	1.83101	Ft2.3795	Ft2.5345	1.39982
Fe2.195	Fe7.1239	1.8309	Ft2.3795	Ft2.5358	1.39982
Fe5.3438	Fe6.11147	1.8307	Ft1.309	Ft1.2725	1.39976
Fe1.6549	Fe5.10842	1.83062	Ft2.2517	Ft7.3283	1.39942
Fe2.11310	Fe2.13724	1.83059	Ft8.2915	Ft8.4843	1.39928
Fe5.1046	Fe8.769	1.83052	Ft3.1564	Ft7.1052	1.3988
Fe1.9979	Fe4.5446	1.83046	Ft2.3383	Ft2.5555	1.39861
Fe3.12068	Fe4.11603	1.83042	Ft1.1146	Ft2.2558	1.39842
Fe5.1718	Fe6.11876	1.83034	Ft2.4119	Ft3.5561	1.39836
Fe3.8379	Hic.scaffold.9.651	1.8303	Ft5.1070	Ft5.2101	1.39823
Fe1.9887	Fe4.5804	1.83028	Ft2.6306	Ft4.5652	1.39809
Fe5.12907	Fe8.10689	1.83014	Ft5.281	Ft5.632	1.39801
Fe1.7329	Fe8.1641	1.83008	Ft2.934	Ft4.3061	1.39798
Fe1.12063	Fe7.10199	1.83005	Ft4.2135	Ft6.2630	1.39793
Fe2.8487	Fe4.3984	1.82999	Ft4.753	Ft6.871	1.39785
Fe4.14183	Hic.scaffold.13.230	1.82993	Ft3.4770	Ft8.4292	1.39751
Fe1.7128	Fe5.6085	1.82988	Ft1.634	Ft5.1193	1.39748
Fe4.8402	Fe6.4477	1.82985	Ft1.2718	Ft6.882	1.39737
Fe2.3745	Fe3.12016	1.82967	Ft2.1009	Ft3.2069	1.39723
Fe3.6030	Fe5.5562	1.82963	Ft2.4016	Ft7.1648	1.39708
Fe2.10063	Fe8.11632	1.8296	Ft2.6102	Ft3.631	1.39706
Fe4.11443	Fe8.9698	1.82945	Ft7.1016	Ft7.1879	1.39693
Fe3.2832	Fe4.11138	1.82929	Ft1.383	Ft1.2782	1.39674
Fe2.11648	Fe6.766	1.82921	Ft4.1919	Ft4.3782	1.39667
Fe1.2541	Fe4.8047	1.829	Ft3.4798	Ft4.5865	1.39663
Fe2.5842	Fe6.4355	1.82898	Ft3.4121	Ft8.225	1.39662
Fe6.11369	Fe7.11459	1.82887	Ft7.331	Ft7.3022	1.39658

Fe2.3204	Fe8.9130	1.82878	Ft1.2450	Ft2.5504	1.39622
Fe1.3013	Fe6.9342	1.82864	Ft2.6487	Ft6.1487	1.39619
Fe4.12149	Fe4.14214	1.8285	Ft3.951	Ft6.520	1.39593
Fe4.11826	Fe6.3835	1.82848	Ft1.489	Ft6.1055	1.39557
Fe4.8339	Fe5.3426	1.82835	Ft1.417	Ft4.1129	1.39525
Fe4.3167	Fe5.10977	1.82823	Ft3.1380	Ft8.1227	1.39516
Fe1.10261	Fe6.5193	1.82805	Ft3.5510	Ft8.307	1.39512
Fe5.13758	Fe8.10813	1.82805	Ft4.458	Ft5.86	1.39495
Fe1.11329	Fe6.4878	1.82799	Ft2.393	Ft3.5029	1.39494
Fe2.2450	Fe4.11603	1.82782	Ft3.5685	Ft8.4570	1.39489
Fe1.7583	Fe7.6653	1.82763	Ft6.2388	Ft8.3772	1.3943
Fe3.13444	Fe8.10202	1.82756	Ft2.6451	Ft5.479	1.39411
Fe4.3331	Fe7.3846	1.82744	Ft2.3018	Ft4.3939	1.39409
Fe1.8950	Fe6.11222	1.82742	Ft2.5685	Ft4.5865	1.39391
Fe1.1655	Fe2.9658	1.82734	Ft2.6525	Ft8.3739	1.39387
Fe3.8160	Fe7.2619	1.82729	Ft2.5918	Ft3.879	1.39374
Fe5.1515	Fe6.1672	1.82728	Ft2.840	Ft2.1865	1.39322
Fe1.7669	Fe4.3031	1.82724	Ft2.2378	Ft4.786	1.39282
Fe5.12300	Fe7.831	1.82709	Ft1.1776	Ft5.389	1.39278
Fe5.3884	Fe6.10249	1.82694	Ft2.3636	Ft5.2994	1.39275
Fe2.2964	Fe2.8807	1.82674	Ft7.403	Ft7.5262	1.39246
Fe3.9792	Fe6.6229	1.82674	Ft2.4448	Ft8.4272	1.39236
Fe4.5622	Fe6.6668	1.82661	Ft3.3226	Ft3.5029	1.3922
Fe5.3635	Fe6.9419	1.82645	Ft2.4633	Ft4.1919	1.39209
Fe2.8021	Fe7.6177	1.82629	Ft8.1503	Ft8.2540	1.39169
Fe4.3795	Fe5.11109	1.82621	Ft3.3856	Ft7.1249	1.39166
Fe2.11424	Hic.scaffold.10.508	1.82614	Ft6.1059	Ft7.370	1.39138
Fe4.9693	Fe6.9419	1.82606	Ft4.226	Ft6.2392	1.39125
Fe3.11963	Fe6.6820	1.82605	Ft3.5568	Ft5.2941	1.39109
Fe3.5975	Fe4.5885	1.82597	Ft4.2967	Ft8.1581	1.391
Fe3.4081	Fe8.10844	1.82594	Ft1.2940	Ft3.492	1.39085
Fe4.6106	Fe6.5390	1.82528	Ft1.2791	Ft6.468	1.39069
Fe2.12965	Fe4.2328	1.82525	Ft2.4015	Ft2.5818	1.39055
Fe4.3015	Fe6.10851	1.82525	Ft4.5025	Ft8.1910	1.3903
Fe2.5411	Fe8.13	1.82515	Ft2.4525	Ft3.590	1.38996
Fe2.3415	Fe5.8845	1.82503	Ft3.5533	Ft5.2946	1.38988
Fe2.2307	Fe7.5469	1.82494	Ft2.5461	Ft5.883	1.38977
Fe2.13829	Fe7.1224	1.82491	Ft4.5409	Ft7.3013	1.38977
Fe5.5304	Fe6.6317	1.82484	Ft6.807	Ft8.4820	1.3893
Fe5.9386	Fe8.4427	1.82479	Ft2.6469	Ft8.4074	1.38921
Fe1.390	Fe3.12251	1.82476	Ft2.1865	Ft7.1599	1.3892
Fe4.2189	Fe8.11067	1.82436	Ft2.5221	Ft3.1907	1.38875
Fe2.4618	Fe3.9904	1.82426	Ft2.2543	Ft8.3791	1.38872
Fe5.12901	Fe7.12147	1.82426	Ft3.3967	Ft7.2173	1.38851
Fe4.4934	Fe5.1222	1.82424	Ft1.1765	Ft4.1354	1.38846
Fe2.10254	Fe6.9702	1.82419	Ft2.384	Ft8.3281	1.38829
Fe5.6085	Fe6.9738	1.82419	Ft2.3238	Ft2.4081	1.38822
Fe7.1078	Fe8.9772	1.82413	Ft1.1110	Ft7.4998	1.38813
Fe1.3625	Fe6.5989	1.82409	Ft4.4844	Ft8.2631	1.38804
Fe1.13868	Fe6.4650	1.82401	Ft2.4596	Ft3.1216	1.38789
Fe2.12215	Fe5.13969	1.82399	Ft3.1489	Ft8.3394	1.38784
Fe3.5975	Fe8.834	1.82395	Ft2.6228	Ft3.694	1.38782
Fe4.13595	Fe8.12201	1.82383	Ft2.223	Ft8.1696	1.38766
Fe3.13866	Fe7.4660	1.82363	Ft2.415	Ft6.1561	1.38762
Fe1.4457	Fe5.1127	1.82345	Ft2.3195	Ft8.607	1.38724

Fe1.2306	Fe6.5183	1.82338	Ft2.686	Ft6.1870	1.38709
Fe4.14531	Fe8.10701	1.82337	Ft8.121	Ft8.5057	1.38704
Fe6.460	Fe7.1078	1.82336	Ft1.2080	Ft4.1756	1.387
Fe4.3037	Fe7.12233	1.8233	Ft2.4100	Ft3.5524	1.38692
Fe3.3515	Fe6.3455	1.82327	Ft2.2461	Ft6.3317	1.38688
Fe1.10153	Fe8.4611	1.82311	Ft2.2190	Ft8.3911	1.38684
Fe1.14130	Fe6.4002	1.82296	Ft2.3366	Ft4.5919	1.38662
Fe5.1213	Fe7.285	1.82286	Ft1.66	Ft6.1465	1.38658
Fe1.4989	Fe4.3924	1.82278	Ft4.2135	Ft7.2948	1.38616
Fe3.1557	Fe3.4164	1.82262	Ft3.3657	Ft7.969	1.38606
Fe1.12165	Fe4.13348	1.82258	Ft4.1771	Ft7.548	1.3859
Fe2.8697	Fe6.1771	1.82257	Ft2.248	Ft7.539	1.38588
Fe1.8150	Fe8.8287	1.8225	Ft7.5173	Ft8.2448	1.38569
Fe1.1040	Fe1.13273	1.82238	Ft3.1386	Ft7.1645	1.38527
Fe3.14447	Fe6.12025	1.82227	Ft3.1268	Ft5.249	1.38511
Fe5.1862	Fe5.12872	1.82212	Ft2.3173	Ft4.5971	1.38504
Fe3.13899	Fe5.13213	1.82204	Ft5.394	Ft7.4798	1.38498
Fe1.14525	Fe6.1887	1.82164	Ft2.411	Ft7.1243	1.38482
Fe2.8529	Fe4.3565	1.8216	Ft1.1787	Ft2.403	1.38473
Fe2.1610	Fe4.12841	1.82159	Ft4.992	Ft6.863	1.38459
Fe2.3341	Fe7.7019	1.82151	Ft2.449	Ft4.4283	1.38434
Fe2.2713	Fe3.3271	1.82139	Ft4.373	Ft6.2132	1.38429
Fe1.2124	Fe1.14069	1.82118	Ft2.2694	Ft6.3207	1.38423
Fe7.8191	Fe8.10898	1.82086	Ft2.611	Ft4.1625	1.38413
Fe2.2816	Fe2.8969	1.82083	Ft1.1768	Ft4.3957	1.38402
Fe2.779	Fe3.3055	1.8208	Ft2.2126	Ft3.3569	1.38316
Fe1.1544	Fe1.14253	1.82073	Ft7.2730	Ft7.3066	1.38258
Fe5.9110	Fe8.5110	1.82063	Ft3.1298	Ft8.216	1.38251
Fe3.9829	Fe6.7392	1.82038	Ft3.749	Ft8.2989	1.38216
Fe4.3970	Fe5.4722	1.82037	Ft2.6427	Ft8.1615	1.38144
Fe1.7809	Fe6.7362	1.82013	Ft5.43	Ft8.3729	1.38107
Fe3.3586	Fe5.6155	1.81977	Ft4.5102	Ft8.1856	1.38075
Fe7.5437	Fe8.10908	1.81968	Ft2.2887	Ft3.642	1.38072
Fe4.572	Fe7.2043	1.81951	Ft6.1379	Ft8.4448	1.38065
Fe1.13755	Fe4.13821	1.81932	Ft7.1068	Ft7.1250	1.38053
Fe8.10153	Fe8.11090	1.81932	Ft1.372	Ft6.962	1.38011
Fe1.817	Fe1.1247	1.81926	Ft6.250	Ft8.3721	1.37971
Fe1.3955	Fe6.5989	1.81919	Ft7.4386	Ft8.4424	1.37963
Fe3.13866	Fe8.9519	1.81907	Ft1.1422	Ft7.3991	1.37924
Fe8.4082	Fe8.10670	1.81891	Ft2.5213	Ft4.5740	1.37896
Fe1.2538	Fe8.565	1.81877	Ft2.3519	Ft3.5175	1.3789
Fe2.2668	Fe4.11780	1.81863	Ft4.3114	Ft7.1484	1.37883
Fe4.13269	Fe6.5177	1.81849	Ft1.2807	Ft2.4858	1.37875
Fe3.8580	Fe7.6377	1.81847	Ft6.3144	Ft8.3344	1.37873
Fe6.9985	Fe7.10999	1.81845	Ft7.419	Ft7.615	1.37873
Fe4.3155	Fe6.1746	1.81832	Ft3.365	Ft8.3940	1.3787
Fe4.14190	Fe5.164	1.81826	Ft2.6594	Ft7.615	1.37859
Fe3.5975	Fe6.11750	1.8182	Ft3.4693	Ft4.5554	1.37838
Fe1.13179	Fe7.3937	1.81814	Ft3.5516	Ft4.1938	1.378
Fe1.1346	Fe7.3633	1.8181	Ft4.1984	Ft7.1591	1.37764
Fe3.9030	Fe7.3382	1.81775	Ft2.6454	Ft6.1224	1.37744
Fe4.103	Fe6.1417	1.81771	Ft5.1311	Ft5.2202	1.37724
Fe4.9297	Fe5.12159	1.81738	Ft7.1146	Ft7.1148	1.3769
Fe1.12439	Fe5.1297	1.81714	Ft1.663	Ft5.2592	1.37684
Fe2.946	Fe3.3374	1.81713	Ft2.5271	Ft4.4913	1.37623

Fe1.9637	Fe2.3170	1.81712	Ft2.6615	Ft4.3548	1.37602
Fe5.134	Fe6.410	1.81695	Ft2.3774	Ft3.5442	1.37601
Fe2.957	Fe5.5936	1.81684	Ft3.1006	Ft8.2709	1.37597
Fe1.10315	Fe2.5059	1.81673	Ft5.568	Ft7.5229	1.37596
Fe1.6230	Fe7.448	1.81673	Ft1.795	Ft5.2342	1.37547
Fe4.8189	Fe8.2335	1.81672	Ft5.834	Ft6.162	1.37532
Fe2.9360	Fe3.1052	1.81662	Ft4.4154	Ft7.3013	1.37524
Fe6.9908	Hic.scaffold.9.361	1.81638	Ft4.1869	Ft7.1695	1.37474
Fe4.7634	Fe8.2825	1.81629	Ft3.5689	Ft8.4563	1.37447
Fe1.10611	Fe4.652	1.81625	Ft2.5674	Ft4.5893	1.37436
Fe6.9185	Fe7.6756	1.81609	Ft3.1121	Ft8.2775	1.37408
Fe3.3031	Fe4.169	1.81584	Ft7.3531	Ft8.94	1.37405
Fe2.4948	Fe6.53	1.81567	Ft5.2784	Ft7.1943	1.37379
Fe4.11557	Fe7.9640	1.81545	Ft3.2071	Ft7.500	1.37377
Fe2.14100	Fe4.3454	1.81543	Ft7.717	Ft7.5078	1.37355
Fe3.6012	Fe4.4003	1.8153	Ft2.904	Ft7.2573	1.37345
Fe4.14194	Fe7.434	1.81528	Ft3.1541	Ft8.5173	1.37321
Fe6.11588	Hic.scaffold.13.175	1.81525	Ft7.2649	Ft8.1738	1.37312
Fe1.4474	Fe2.5041	1.81506	Ft3.2441	Ft6.1480	1.37299
Fe4.805	Fe7.1838	1.81503	Ft2.3431	Ft2.5584	1.37182
Fe1.14072	Fe5.14090	1.8147	Ft7.1020	Ft8.2613	1.37156
Fe1.1474	Fe3.5533	1.81469	Ft2.620	Ft5.452	1.37132
Fe3.2116	Fe4.3719	1.81467	Ft3.3766	Ft8.741	1.3712
Fe3.3515	Fe8.3766	1.81461	Ft3.4565	Ft4.1216	1.37105
Fe2.8594	Fe6.10229	1.81459	Ft2.6036	Ft3.5652	1.37092
Fe4.3037	Fe4.5498	1.81437	Ft6.141	Ft8.3878	1.37074
Fe1.11225	Fe7.1892	1.8143	Ft2.889	Ft7.1209	1.37067
Fe3.9122	Fe5.6064	1.81425	Ft2.5319	Ft8.4119	1.3705
Fe1.7795	Fe8.2984	1.81418	Ft2.3462	Ft3.5121	1.37045
Fe4.11466	Fe6.4209	1.81416	Ft1.1979	Ft5.461	1.37044
Fe5.1374	Fe7.3130	1.81416	Ft4.3341	Ft8.3418	1.37022
Fe1.488	Fe4.13561	1.81414	Ft3.1262	Ft6.1952	1.37017
Fe6.9320	Fe6.12167	1.81407	Ft4.1873	Ft4.2168	1.37014
Fe3.9294	Fe8.3914	1.81401	Ft1.383	Ft1.2817	1.36966
Fe2.794	Fe8.9686	1.81397	Ft2.5221	Ft6.871	1.36951
Fe1.13989	Fe2.13660	1.81394	Ft5.1980	Ft7.4447	1.36941
Fe4.4555	Fe7.6115	1.81393	Ft3.5128	Ft7.253	1.36935
Fe2.12892	Fe8.8971	1.81384	Ft5.201	Ft6.2048	1.36935
Fe1.8246	Fe4.9353	1.81382	Ft4.1517	Ft4.3658	1.36878
Fe1.13115	Hic.scaffold.10.403	1.81378	Ft4.157	Ft4.4128	1.36865
Fe3.11944	Fe3.13541	1.81366	Ft5.1875	Ft7.821	1.36861
Fe3.5457	Fe5.12788	1.81349	Ft2.5500	Ft8.4047	1.36852
Fe3.6012	Fe6.2322	1.81344	Ft7.1105	Ft8.18	1.36828
Fe4.2820	Fe6.4197	1.81311	Ft2.4214	Ft5.2922	1.36815
Fe6.3039	Fe7.2660	1.81303	Ft2.3143	Ft8.4174	1.368
Fe1.2258	Fe5.9005	1.81299	Ft1.2094	Ft4.1821	1.36791
Fe2.11219	Fe5.9282	1.81299	Ft2.1116	Ft7.4731	1.36784
Fe2.12236	Fe5.11810	1.81293	Ft2.1819	Ft7.4990	1.36746
Fe4.11293	Fe7.3277	1.81292	Ft7.2388	Ft7.5166	1.36741
Fe1.10538	Fe2.9327	1.81286	Ft4.1938	Ft6.974	1.36723
Fe4.14559	Fe8.7821	1.8128	Ft2.4633	Ft8.1835	1.36693
Fe2.4790	Fe4.11697	1.81277	Ft2.2592	Ft7.3402	1.36691
Fe1.6832	Fe8.1815	1.81254	Ft2.5849	Ft4.3782	1.36684
Fe2.11671	Fe8.11231	1.81248	Ft2.6624	Ft3.5705	1.36684
Fe3.4102	Fe7.7336	1.81243	Ft2.5663	Ft2.6402	1.36665

Fe6.5959	Fe8.1600	1.81241
Fe2.2482	Fe4.535	1.81233
Fe3.13528	Fe5.8750	1.81233
Fe1.7814	Fe2.4702	1.81228
Fe5.12340	Fe6.10224	1.81225
Fe3.6147	Fe5.9789	1.81223
Fe1.6135	Fe4.5885	1.81179
Fe1.14278	Fe3.2154	1.81178
Fe7.7422	Fe8.7636	1.81176
Fe3.6522	Fe5.8839	1.81174
Fe2.2634	Fe5.3761	1.81156
Fe7.6232	Fe7.11459	1.81136
Fe6.2883	Fe7.492	1.81099
Fe2.7602	Fe4.4934	1.81088
Fe2.9792	Fe8.10892	1.81084
Fe2.8843	Fe6.1482	1.81074
Fe2.13637	Fe4.2794	1.81073
Fe2.11618	Fe3.7494	1.81048
Fe4.485	Fe8.9972	1.8103
Fe6.1254	Fe7.4393	1.8102
Fe2.4687	Fe8.10166	1.81018
Fe2.11328	Fe8.730	1.81013
Fe5.427	Fe6.1167	1.80972
Fe3.4065	Fe6.10653	1.80969
Fe5.12863	Fe7.12703	1.80966
Fe5.1293	Hic.scaffold.9.145	1.8096
Fe5.9355	Fe6.11730	1.80944
Fe2.1708	Fe6.3096	1.80932
Fe6.644	Fe8.10478	1.80931
Fe4.8339	Fe7.8437	1.80903
Fe3.5004	Fe6.6287	1.80901
Fe2.12288	Fe8.8047	1.80899
Fe4.13621	Fe6.9405	1.80897
Fe2.1604	Fe7.3853	1.80872
Fe7.3558	Fe8.10091	1.80844
Fe1.14085	Fe4.13738	1.80827
Fe1.11225	Fe3.13389	1.8081
Fe2.10986	Fe4.11216	1.80754
Fe2.7794	Fe4.9693	1.80716
Fe2.1398	Fe4.487	1.80688
Fe2.7896	Fe3.2904	1.80681
Fe1.13924	Fe4.11177	1.80651
Fe4.14523	Hic.scaffold.13.162	1.80635
Fe2.14256	Fe5.1318	1.80633
Fe2.1582	Fe4.12971	1.80607
Fe4.5775	Fe6.10249	1.8059
Fe1.245	Fe6.438	1.80588
Fe1.2603	Fe1.6570	1.80577
Fe3.4104	Fe7.12727	1.80571
Fe2.14139	Fe5.9228	1.8057
Fe3.1107	Fe4.13623	1.80567
Fe5.9102	Fe6.5364	1.80567
Fe6.11029	Fe7.8077	1.80563
Fe3.4065	Fe4.5908	1.80545
Fe4.3776	Fe4.11436	1.80545
Ft2.580	Ft7.977	1.36664
Ft5.412	Ft7.2463	1.36654
Ft2.668	Ft7.2948	1.36631
Ft2.80	Ft4.4051	1.36628
Ft3.2012	Ft4.3123	1.36626
Ft1.1042	Ft5.626	1.36613
Ft3.3460	Ft7.2070	1.36575
Ft2.6493	Ft8.3626	1.36565
Ft4.466	Ft5.104	1.36543
Ft7.331	Ft7.2724	1.36538
Ft2.366	Ft4.6210	1.36518
Ft4.211	Ft8.3749	1.36509
Ft2.3694	Ft2.5413	1.36506
Ft8.1533	Ft8.2549	1.36466
Ft3.507	Ft4.2216	1.36455
Ft2.1827	Ft3.1123	1.3645
Ft2.6469	Ft7.4995	1.36435
Ft2.3199	Ft4.5966	1.36404
Ft4.5680	Ft8.4344	1.36399
Ft1.1790	Ft2.408	1.36391
Ft2.4285	Ft2.4620	1.36367
Ft1.2081	Ft4.1759	1.36352
Ft1.889	Ft2.4716	1.36328
Ft3.916	Ft7.3298	1.36297
Ft5.1027	Ft5.1135	1.36297
Ft4.885	Ft7.3399	1.36258
Ft2.6069	Ft8.4301	1.36256
Ft2.2713	Ft6.1416	1.36216
Ft2.2618	Ft7.1384	1.36213
Ft2.5471	Ft3.5236	1.36211
Ft1.2676	Ft4.953	1.36193
Ft2.275	Ft3.1008	1.36187
Ft3.1124	Ft8.253	1.3617
Ft2.330	Ft4.5392	1.3615
Ft2.1099	Ft3.4746	1.36135
Ft3.1749	Ft3.5316	1.36128
Ft2.2519	Ft7.4807	1.36104
Ft1.372	Ft1.2770	1.36091
Ft4.2503	Ft6.1116	1.36073
Ft2.6440	Ft4.2239	1.36058
Ft2.3009	Ft3.3466	1.36047
Ft2.5194	Ft3.2793	1.36026
Ft2.5385	Ft3.666	1.36022
Ft7.2094	Ft8.2081	1.3598
Ft2.291	Ft6.1606	1.35972
Ft3.3170	Ft3.4773	1.35913
Ft4.3542	Ft5.452	1.35906
Ft3.35	Ft6.3528	1.35883
Ft2.577	Ft4.1601	1.35877
Ft1.113	Ft7.394	1.35867
Ft3.1071	Ft8.1649	1.35848
Ft3.4443	Ft7.3004	1.35847
Ft2.1827	Ft7.1473	1.35844
Ft3.5310	Ft7.1608	1.35844
Ft5.2219	Ft8.3307	1.35833

Fe1.7070	Fe8.7404	1.80544	Ft4.954	Ft4.3922	1.3583
Fe2.10197	Fe8.7078	1.80543	Ft2.6273	Ft7.1623	1.35822
Fe3.14589	Fe7.1453	1.80528	Ft1.2597	Ft6.81	1.35781
Fe2.11940	Fe8.10184	1.80514	HiC_scaffold_5_[iC_scaffold_5_13		1.3577
Fe2.11403	Fe2.13662	1.80512	Ft2.1529	Ft7.3118	1.35756
Fe2.10751	Fe8.3743	1.80507	Ft2.662	Ft7.3094	1.35724
Fe4.13970	Fe8.10998	1.80497	Ft3.3758	Ft4.2630	1.35724
Fe2.7813	Fe7.8104	1.80496	Ft2.1039	Ft3.1216	1.35716
Fe6.4696	Fe6.11417	1.80476	Ft1.2052	Ft2.718	1.35711
Fe1.7583	Fe8.1616	1.80474	Ft2.3520	Ft2.5603	1.35709
Fe4.2306	Fe4.11780	1.80474	Ft1.902	Ft6.1544	1.35702
Fe1.5328	Fe2.12458	1.80473	Ft3.1537	Ft8.302	1.35698
Fe2.5285	Fe6.5915	1.80472	Ft4.1873	Ft4.4283	1.35679
Fe7.6295	Fe8.5110	1.80469	Ft4.2993	Ft7.2652	1.35654
Fe5.14329	Fe7.12904	1.80434	Ft2.1672	Ft7.992	1.35601
Fe1.10512	Fe7.4089	1.8043	Ft1.1972	Ft5.459	1.35591
Fe2.5038	Fe5.8891	1.80419	Ft4.6066	Ft5.1557	1.35589
Fe3.3528	Fe7.3498	1.8041	Ft2.6099	Ft8.492	1.35583
Fe2.2560	Fe5.13928	1.80401	Ft2.2279	Ft6.2835	1.35569
Fe4.3914	Hic.scaffold.12.165	1.80386	Ft3.1398	Ft3.3226	1.35545
Fe1.12063	Fe6.8334	1.8038	Ft2.4644	Ft3.2828	1.35544
Fe2.13019	Fe2.14194	1.80353	Ft7.419	Ft7.2956	1.35523
Fe2.10712	Fe8.9124	1.80351	Ft2.403	Ft4.1313	1.3552
Fe5.10026	Fe7.8616	1.8035	Ft3.1835	Ft3.3217	1.35502
Fe3.8186	Hic.scaffold.9.384	1.80348	Ft5.1948	Ft7.4494	1.35471
Fe2.4947	Fe7.4939	1.80346	Ft2.4447	Ft3.879	1.35462
Fe1.3662	Fe2.2670	1.80338	Ft5.1381	Ft7.3697	1.35449
Fe3.5610	Hic.scaffold.9.170	1.80338	Ft4.5348	Ft7.4906	1.35422
Fe6.1936	Fe8.8821	1.80337	Ft3.1474	Ft8.2966	1.35398
Fe3.7587	Fe7.12366	1.80336	Ft2.4222	Ft6.1366	1.35383
Fe2.160	Fe6.783	1.80329	Ft7.1879	Ft7.3094	1.35338
Fe5.12466	Fe7.2125	1.80321	Ft7.331	Ft8.2123	1.35297
Fe2.10601	Fe5.4226	1.80305	Ft4.5409	Ft6.844	1.3529
Fe4.964	Fe4.14491	1.80295	Ft2.3236	Ft2.5335	1.35279
Fe6.8334	Fe6.9188	1.80292	Ft1.1847	Ft5.411	1.35268
Fe4.11339	Fe5.9928	1.80284	Ft4.3943	Ft7.1002	1.35259
Fe4.3851	Fe4.5794	1.80278	Ft2.6567	Ft4.6070	1.35233
Fe1.2421	Fe7.7007	1.80272	Ft1.1153	Ft7.3202	1.35194
Fe5.10692	Fe6.11638	1.80267	Ft3.666	Ft8.4166	1.35174
Fe4.787	Fe5.1684	1.80252	Ft3.760	Ft8.2995	1.3512
Fe2.7896	Fe4.3037	1.8025	Ft2.3092	Ft3.4154	1.3509
Fe4.4038	Fe7.3943	1.80182	Ft2.5221	Ft3.2828	1.3507
Fe4.6037	Fe8.10082	1.80168	Ft4.3606	Ft5.434	1.35055
Fe2.468	Fe5.11109	1.80121	Ft4.5682	Ft8.4342	1.35038
Fe7.5564	Fe7.12784	1.80113	Ft7.393	Ft7.3094	1.35034
Fe2.491	Fe2.8274	1.80103	HiC_scaffold_5_1[iC_scaffold_5_34		1.35007
Fe8.11846	Hic.scaffold.11.148	1.80101	Ft2.5201	Ft3.1835	1.34998
Fe7.4423	Fe8.8271	1.80092	Ft3.3473	Ft8.1305	1.34997
Fe2.768	Fe6.10720	1.8007	Ft7.3013	Ft7.3912	1.3498
Fe2.5302	Fe6.3508	1.80062	Ft2.2171	Ft8.1421	1.34977
Fe1.12619	Fe5.13129	1.80054	Ft8.592	Ft8.5007	1.34968
Fe3.12068	Fe6.5989	1.80043	Ft2.1817	Ft7.2089	1.34927
Fe5.6573	Fe8.9151	1.80043	Ft2.2215	Ft8.3921	1.34927
Fe3.8974	Fe4.5538	1.80039	Ft1.409	Ft4.1118	1.34897
Fe3.9974	Fe5.7386	1.79998	Ft3.2516	Ft4.3881	1.34897

Fe1.430	Fe5.12864	1.79995	Ft7.1669	Ft7.1938	1.34893
Fe2.8280	Fe7.2548	1.79984	Ft8.1585	Ft8.2610	1.34872
Fe4.2989	Fe4.6106	1.7997	Ft3.3908	Ft3.4099	1.3485
Fe3.4479	Fe4.10186	1.79962	Ft3.1142	Ft8.2791	1.34848
Fe1.13300	Fe7.1189	1.79958	Ft4.1869	Ft8.3580	1.34812
Fe3.3374	Fe6.5826	1.79952	Ft4.1805	Ft8.4301	1.34793
Fe8.759	Fe8.2653	1.7994	Ft2.4644	Ft3.913	1.34769
Fe5.2968	Fe8.841	1.79936	Ft5.1176	Ft5.2706	1.34744
Fe2.8010	Fe3.9280	1.79913	Ft1.257	Ft4.983	1.3468
Fe1.12095	Fe5.7786	1.79909	Ft2.6228	Ft7.658	1.34679
Fe3.7369	Fe8.3444	1.79902	HiC_scaffold_5_2	iC_scaffold_5_32	1.34636
Fe6.7093	Fe6.11638	1.79892	Ft2.5445	Ft8.4000	1.34614
Fe8.7875	Fe8.9289	1.79856	Ft6.1827	Ft7.1846	1.34614
Fe2.14276	Fe4.12303	1.79838	Ft3.597	Ft6.1949	1.34561
Fe3.170	Fe4.14485	1.79827	Ft5.1375	Ft7.3718	1.34503
Fe1.244	Fe6.2153	1.79807	Ft2.4553	Ft8.4357	1.34474
Fe3.4152	Fe3.9813	1.79803	Ft2.3052	Ft2.6621	1.34453
Fe2.1225	Fe7.6307	1.79776	Ft3.2500	Ft6.2458	1.34432
Fe6.783	Fe8.9851	1.7976	Ft2.931	Ft3.989	1.3443
Fe2.8274	Fe4.12002	1.79756	Ft2.2877	Ft3.662	1.34428
Fe3.4152	Fe4.5969	1.7974	Ft1.2754	Ft4.1062	1.34424
Fe4.1829	Fe7.12727	1.79718	Ft2.688	Ft6.1869	1.34423
Fe2.12293	Fe6.3039	1.79705	Ft3.1072	Ft7.1068	1.34417
Fe5.11673	Fe6.2990	1.79703	Ft4.1889	Ft8.198	1.34407
Fe2.13829	Fe8.9671	1.79676	Ft3.5722	Ft5.1500	1.34345
Fe5.8839	Fe7.7153	1.79674	Ft4.2074	Ft8.1885	1.3434
Fe1.14332	Fe3.2225	1.79665	Ft5.2794	Ft7.1977	1.34286
Fe5.13144	Fe7.4556	1.79661	Ft4.4820	Ft7.2615	1.34278
Fe2.3243	Fe5.8827	1.79656	Ft2.5932	Ft8.4343	1.34271
Fe1.2226	Fe8.3738	1.79645	Ft3.5516	Ft8.225	1.34243
Fe7.1058	Fe8.11926	1.79635	Ft5.1982	Ft7.5279	1.3421
Fe1.13642	Fe4.3155	1.79597	Ft3.5596	Ft7.4775	1.34208
Fe2.4621	Fe6.7648	1.79575	Ft6.1035	Ft7.396	1.34205
Fe6.9618	Fe7.7422	1.79549	Ft1.1145	Ft7.3226	1.3419
Fe5.7762	Hic.scaffold.9.322	1.79544	Ft3.2803	Ft7.3815	1.34143
Fe1.13273	Fe8.11867	1.79519	Ft4.3813	Ft7.2956	1.34122
Fe1.5894	Fe1.11181	1.79516	Ft3.467	Ft7.4806	1.3412
Fe3.10318	Fe5.3868	1.79493	Ft2.4839	Ft7.4771	1.34107
Fe4.1572	Fe6.1851	1.79489	Ft4.1828	Ft4.3435	1.34064
Fe4.13847	Fe5.12908	1.79488	Ft2.3038	Ft8.4559	1.34041
Fe5.13419	Fe8.10844	1.7948	Ft2.167	Ft4.4144	1.34039
Fe4.3031	Fe8.1361	1.79461	Ft2.3425	Ft3.5095	1.3402
Fe7.3251	Fe8.10731	1.7946	Ft5.1140	Ft6.344	1.34019
Fe4.11819	Fe6.3858	1.79454	Ft2.673	Ft4.3496	1.34017
Fe2.14159	Fe3.14216	1.79445	Ft2.6612	Ft8.4557	1.34004
Fe3.7055	Fe6.11507	1.79426	Ft5.2005	Ft7.3849	1.33994
Fe3.14196	Fe7.368	1.79415	Ft3.4000	Ft8.4815	1.33987
Fe1.10243	Fe3.13154	1.7941	Ft2.3195	Ft8.2473	1.33969
Fe2.503	Fe8.9922	1.79406	Ft1.599	Ft6.1113	1.33957
Fe2.13843	Fe7.402	1.79401	Ft3.3592	Ft4.3881	1.33955
Fe1.10692	Fe6.5034	1.79384	Ft2.1054	Ft7.2316	1.33933
Fe1.12740	Fe4.12773	1.79382	Ft2.4041	Ft2.5829	1.33916
Fe2.11274	Fe8.878	1.79367	Ft1.318	Ft6.3014	1.33907
Fe4.6182	Fe7.619	1.79367	Ft3.2193	Ft7.1123	1.33872
Fe2.3968	Fe5.11015	1.79364	Ft7.2891	Ft8.492	1.3387

Fe3.9294	Fe7.4918	1.79363	Ft2.3460	Ft8.4688	1.33846
Fe3.9813	Fe6.5364	1.79351	Ft7.2199	Ft8.1313	1.33839
Fe5.8379	Fe6.4681	1.79347	Ft4.346	Ft8.3269	1.33836
Fe5.2946	Fe5.10537	1.79341	Ft7.476	Ft8.3306	1.33834
Fe2.10817	Fe7.906	1.79332	Ft4.1548	Ft4.3627	1.33794
Fe3.13383	Fe4.2212	1.79332	Ft5.2011	Ft7.5228	1.33794
Fe5.12212	Fe7.1548	1.79312	Ft4.2176	Ft7.3084	1.33768
Fe5.2941	Fe6.8013	1.79295	Ft3.334	Ft7.3912	1.33762
Fe6.5183	Fe7.8507	1.79258	Ft2.574	Ft6.1995	1.33735
Fe6.9150	Fe6.10845	1.79244	Ft3.916	Ft3.1216	1.33726
Fe7.3800	Fe8.5465	1.79215	Ft1.1822	Ft2.457	1.33714
Fe2.13685	Fe8.6554	1.79207	Ft6.1459	Ft8.3541	1.33711
Fe5.1222	Fe8.11067	1.79196	Ft3.2821	Ft8.3996	1.33683
Fe5.1109	Fe6.11496	1.79191	Ft2.4644	Ft7.3115	1.3366
Fe2.13596	Fe3.13579	1.79168	Ft2.5558	Ft3.5069	1.33628
Fe4.5498	Fe5.12377	1.79156	Ft3.344	Ft8.165	1.33614
Fe6.2336	Fe7.177	1.79128	Ft2.3536	Ft3.5195	1.33613
Fe2.2670	Fe6.9185	1.79126	Ft2.5273	Ft8.1996	1.33604
Fe1.10691	Fe7.10833	1.79103	Ft6.3298	Ft7.4925	1.33603
Fe2.6598	Fe8.10747	1.79085	Ft4.4651	Ft7.4833	1.33599
Fe4.821	Hic.scaffold.10.368	1.79054	Ft4.3846	Ft7.386	1.33596
Fe1.12701	Fe1.12978	1.79021	Ft3.3883	Ft8.1552	1.3359
Fe1.10245	Fe8.9698	1.7902	Ft3.2516	Ft8.4843	1.33553
Fe6.5048	Fe6.11638	1.79015	Ft1.541	Ft1.2454	1.33546
Fe2.11071	Fe4.3143	1.79012	Ft3.423	Ft8.3996	1.33537
Fe3.2735	Fe7.627	1.79012	Ft2.4045	Ft2.5601	1.33533
Fe4.4479	Fe8.4103	1.78985	Ft2.5811	Ft4.4153	1.33521
Fe4.3245	Fe6.1771	1.78982	Ft2.2856	Ft4.6147	1.33501
Fe1.2474	Fe1.13996	1.78978	Ft2.1559	Ft2.1761	1.33494
Fe5.1163	Fe5.13090	1.7897	Ft8.215	Ft8.5044	1.33485
Fe2.14124	Fe3.1921	1.78962	Ft3.2811	Ft4.1153	1.33471
Fe5.10909	Fe8.9305	1.78962	Ft2.566	Ft5.441	1.33434
Fe1.14389	Fe5.12248	1.78959	Ft3.947	Ft6.2458	1.33422
Fe1.7329	Fe8.2555	1.78957	Ft1.465	Ft6.2522	1.33389
Fe4.5267	Fe4.13650	1.78953	Ft3.1398	Ft7.1648	1.33294
Fe5.1668	Fe7.3878	1.78945	Ft4.4827	Ft8.2888	1.33294
Fe4.11874	Fe6.3796	1.78944	Ft3.5652	Ft8.4575	1.33272
Fe3.12324	Fe5.13081	1.78937	Ft5.765	Ft8.2312	1.33234
Fe1.14542	Fe2.13424	1.78932	Ft4.829	Ft7.2891	1.33222
Fe4.2826	Fe8.3489	1.78932	Ft2.394	Ft4.1333	1.33212
Fe5.10594	Fe6.8281	1.78928	Ft2.3101	Ft8.4217	1.33206
Fe2.10142	Fe5.8943	1.78914	Ft3.2811	Ft4.5409	1.33206
Fe4.14139	Hic.scaffold.11.165	1.78911	Ft2.2378	Ft7.920	1.33203
Fe6.9086	Fe6.12004	1.78911	Ft4.2636	Ft4.3881	1.33175
Fe5.1712	Fe7.9643	1.78901	Ft2.1597	Ft2.2027	1.33174
Fe2.357	Fe2.6679	1.789	Ft4.4412	Ft8.307	1.3316
Fe2.3817	Fe3.7276	1.78875	Ft1.214	Ft1.2667	1.33127
Fe1.9317	Fe3.4362	1.78865	Ft7.5134	Ft8.4310	1.3311
Fe4.8467	Fe4.10588	1.78864	Ft5.1139	Ft6.339	1.33084
Fe4.13884	Fe6.3251	1.78857	Ft5.1377	Ft7.3706	1.33082
Fe3.10745	Fe6.3332	1.7885	Ft7.5113	Ft8.2383	1.3307
Fe4.2909	Fe8.10188	1.7883	Ft4.3160	Ft8.3272	1.33048
Fe2.13707	Fe3.929	1.78829	Ft1.2861	Ft8.2617	1.33043
Fe3.409	Fe6.1376	1.788	Ft4.839	Ft8.1253	1.33038
Fe4.11978	Fe7.2431	1.78799	Ft3.2029	Ft8.3940	1.33005

Fe1.1272	Fe5.1797	1.78784	Ft3.3214	Ft7.1609	1.32999
Fe4.13626	Fe8.10506	1.78778	Ft3.1445	Ft7.2242	1.32993
Fe8.10763	Hic.scaffold.11.40	1.78769	Ft7.1086	Ft7.4915	1.32993
Fe3.704	Fe8.11223	1.78749	Ft2.3046	Ft4.2972	1.32956
Fe2.8697	Fe6.11303	1.78728	Ft6.767	Ft8.4836	1.32933
Fe3.12251	Fe7.1689	1.78725	Ft2.2754	Ft4.369	1.32929
Fe2.12652	Fe8.9483	1.78722	Ft3.826	Ft3.1907	1.32913
Fe2.10786	Fe3.14000	1.78713	Ft3.156	Ft3.5525	1.32901
Fe2.11915	Fe5.13104	1.78713	Ft5.1629	Ft7.3942	1.329
Fe6.182	Fe7.2678	1.78709	Ft6.1404	Ft8.1305	1.32879
Fe1.13218	Fe8.10947	1.78708	Ft3.1353	Ft8.4074	1.32858
Fe4.13808	Hic.scaffold.10.380	1.78698	Ft4.4532	Ft5.2078	1.32768
Fe5.13980	Fe8.730	1.78682	Ft2.231	Ft4.4191	1.32751
Fe1.435	Fe2.11097	1.78645	Ft2.5201	Ft8.195	1.32733
Fe1.13203	Fe2.13497	1.78638	Ft3.2059	Ft6.1980	1.32729
Fe2.299	Fe6.1884	1.78625	Ft3.141	Ft8.726	1.32667
Fe2.7809	Hic.scaffold.10.128	1.78612	Ft1.768	Ft5.2371	1.32659
Fe6.2372	Fe7.166	1.78611	Ft2.4222	Ft3.4798	1.32651
Fe3.5182	Fe4.11672	1.7861	Ft2.733	Ft4.3386	1.32631
Fe4.9906	Fe5.2458	1.78598	Ft1.635	Ft6.1162	1.32616
Fe2.8334	Hic.scaffold.10.456	1.7859	Ft4.2000	Ft8.161	1.3257
Fe2.13508	Fe4.11131	1.78582	Ft3.1025	Ft4.814	1.32543
Fe4.3812	Fe7.8824	1.78567	Ft1.368	Ft4.1094	1.32537
Fe5.3009	Hic.scaffold.10.373	1.78565	Ft3.3123	Ft4.136	1.32515
Fe1.11380	Fe8.10494	1.78558	Ft2.267	Ft2.5064	1.32503
Fe2.13063	Fe4.2261	1.78546	Ft3.430	Ft4.5409	1.32474
Fe6.146	Fe7.3827	1.7854	Ft3.159	Ft8.4937	1.32438
Fe1.6570	Fe5.8827	1.78537	Ft3.1060	Ft7.4906	1.32435
Fe2.13619	Fe5.14221	1.78536	Ft6.3291	Ft7.4927	1.324
Fe4.8339	Fe7.9820	1.78533	Ft3.22	Ft4.1260	1.32385
Fe5.1731	Fe5.12820	1.78532	Ft3.594	Ft8.2917	1.32378
Fe3.13808	Fe7.7362	1.78516	Ft3.5726	Ft8.4559	1.32375
Fe1.4197	Fe6.5048	1.78514	Ft1.2074	Ft4.1750	1.3235
Fe2.2590	Fe6.9985	1.78508	Ft4.6025	Ft8.4539	1.32345
Fe4.7056	Fe5.7329	1.78488	Ft2.3018	Ft2.4654	1.32339
Fe4.6031	Fe5.3527	1.78487	Ft2.4445	Ft4.5728	1.32324
Fe1.4447	Fe7.5747	1.78474	Ft2.449	Ft3.666	1.3231
Fe2.3763	Fe2.8362	1.78467	Ft1.2500	Ft4.2503	1.32295
Fe1.13271	Fe7.6390	1.78464	Ft2.991	Ft7.1623	1.32249
Fe2.1467	Fe8.8010	1.78429	Ft2.662	Ft6.1930	1.3224
Fe3.1109	Fe6.3179	1.78423	Ft2.6469	Ft3.2881	1.32183
Fe3.3006	Fe6.3562	1.78412	Ft3.587	Ft7.3562	1.32165
Fe2.11798	Fe4.13561	1.78406	Ft7.475	Ft7.1648	1.32096
Fe1.5580	Fe8.834	1.78405	Ft3.423	Ft4.5476	1.32086
Fe3.1169	Hic.scaffold.9.76	1.78394	Ft2.1827	Ft7.2735	1.32067
Fe4.13530	Fe5.12864	1.78372	Ft3.2441	Ft7.887	1.32042
Fe1.2342	Fe6.9086	1.78361	Ft2.4664	Ft8.4534	1.32022
Fe4.12303	Fe5.2933	1.78358	Ft2.4222	Ft7.4952	1.32018
Fe6.896	Fe8.9943	1.78348	Ft5.1301	Ft5.2179	1.32014
Fe1.1307	Hic.scaffold.9.723	1.78313	Ft8.225	Ft8.1466	1.31993
Fe8.10874	Hic.scaffold.13.57	1.78285	Ft3.1398	Ft4.5472	1.31979
Fe2.12370	Fe7.597	1.7828	Ft1.254	Ft4.978	1.31965
Fe2.10318	Fe6.9494	1.78254	Ft4.165	Ft8.3689	1.31964
Fe3.11948	Fe4.3332	1.7824	Ft3.4609	Ft6.739	1.31952
Fe2.7678	Fe2.10301	1.78236	Ft2.4529	Ft8.4341	1.31943

Fe3.12078	Fe4.10186	1.78216	Ft1.476	Ft6.1035	1.31939
Fe1.7165	Fe6.5269	1.78197	Ft2.4812	Ft3.2529	1.31938
Fe4.5969	Fe5.3356	1.78197	Ft1.242	Ft1.2689	1.31934
Fe7.4255	Fe7.12005	1.78184	Ft2.1546	Ft4.1964	1.31914
Fe1.3214	Fe2.10764	1.78175	Ft7.3082	Ft8.1779	1.3189
Fe1.12041	Fe5.1242	1.78168	Ft4.1625	Ft4.3551	1.3186
Fe3.8922	Fe6.11750	1.78163	Ft2.4881	Ft7.4919	1.31827
Fe2.3767	Fe8.9691	1.78157	Ft2.180	Ft2.6455	1.31801
Fe5.9337	Fe6.5040	1.78151	Ft5.217	Ft5.1703	1.31747
Fe5.1748	Fe6.4538	1.78149	Ft2.5847	Ft7.476	1.31727
Fe2.10318	Fe4.11554	1.7814	Ft2.6599	Ft8.4551	1.31693
Fe3.5009	Fe6.11894	1.78135	Ft2.5666	Ft7.3013	1.31692
Fe5.11762	Fe6.8410	1.78134	Ft2.5221	Ft8.163	1.31673
Fe2.10627	Fe4.5253	1.78099	Ft2.4447	Ft8.3294	1.31663
Fe4.14576	Fe6.835	1.78099	Ft3.879	Ft4.726	1.31661
Fe3.4308	Fe5.3382	1.78086	Ft3.3766	Ft7.2058	1.31641
Fe4.11546	Fe7.5704	1.78086	Ft7.5135	Ft8.2413	1.31636
Fe4.14475	Fe6.737	1.78083	Ft6.2334	Ft8.1448	1.31624
Fe7.11598	Fe8.5108	1.78071	Ft2.5144	Ft8.1746	1.31619
Fe4.14584	Fe7.1635	1.78068	Ft4.4730	Ft7.2533	1.31617
Fe4.4724	Fe6.3360	1.78057	Ft5.1726	Ft7.3153	1.31609
Fe2.14142	Fe5.9189	1.78033	Ft3.1356	Ft8.3306	1.31573
Fe2.13588	Fe8.10282	1.78021	Ft3.774	Ft6.3180	1.31552
Fe3.5975	Fe8.5702	1.78021	Ft5.1375	Ft5.2133	1.31541
Fe4.11846	Fe5.7381	1.78006	Ft4.3758	Ft5.2123	1.31512
Fe2.4790	Fe2.13334	1.78001	Ft2.3205	Ft2.4627	1.31486
Fe3.5590	Fe5.12826	1.77993	Ft2.449	Ft2.3046	1.31477
Fe3.420	Fe8.6982	1.77975	Ft2.2186	Ft6.826	1.31466
Fe2.3322	Fe8.9562	1.77973	Ft4.1805	Ft8.4533	1.3146
Fe1.2267	Fe4.8360	1.77972	Ft4.1893	Ft8.671	1.31454
Fe4.12437	Fe7.5187	1.77962	Ft2.5976	Ft8.3193	1.31422
Fe2.11251	Fe2.12723	1.77952	Ft3.1434	Ft8.249	1.31404
Fe1.3625	Fe3.7728	1.77949	Ft3.5565	Ft5.2943	1.31382
Fe6.11738	Fe7.5943	1.7794	Ft2.2523	Ft2.2714	1.31376
Fe4.533	Fe8.6661	1.77925	Ft2.3176	Ft6.3043	1.31363
Fe7.7153	Fe8.5493	1.77913	Ft2.5625	Ft2.6365	1.31346
Fe7.1118	Fe7.2698	1.77899	Ft2.2561	Ft4.98	1.31335
Fe2.650	Fe7.261	1.7788	Ft1.1226	Ft7.3488	1.3133
Fe2.10825	Fe6.2014	1.77862	Ft4.1537	Ft5.430	1.31322
Fe3.8534	Fe4.8882	1.77853	Ft2.5445	Ft7.1068	1.31313
Fe2.8807	Fe6.1004	1.77852	Ft2.3178	Ft8.4155	1.31279
Fe4.10430	Fe8.3180	1.77852	Ft7.2920	Ft8.1227	1.3124
Fe3.3586	Fe7.11335	1.77842	Ft2.4508	Ft7.331	1.31222
Fe1.466	Fe4.13561	1.77839	Ft3.1528	Ft8.298	1.31216
Fe2.11006	Fe4.557	1.77835	Ft2.1761	Ft8.3294	1.31191
Fe6.748	Hic.scaffold.11.162	1.77825	Ft2.3092	Ft8.3577	1.3113
Fe2.10653	Fe4.14117	1.77815	Ft3.4038	Ft8.491	1.31125
Fe2.8511	Hic.scaffold.11.239	1.77815	Ft7.4088	Ft8.4387	1.31087
Fe4.11697	Fe6.1896	1.77811	Ft4.1682	Ft7.2089	1.31075
Fe4.2014	Fe6.1521	1.77809	Ft2.4644	Ft4.4154	1.31063
Fe3.3348	Fe5.3566	1.77791	Ft7.4183	Ft7.4875	1.31062
Fe4.9579	Fe6.10249	1.77783	Ft2.6069	Ft7.4906	1.31048
Fe2.10318	Fe4.13578	1.77778	Ft4.5660	Ft8.3381	1.31
Fe7.8473	Fe7.11617	1.77772	Ft2.5951	Ft7.3013	1.30974
Fe1.533	Fe5.13660	1.7777	Ft2.1883	Ft7.419	1.30965

Fe5.5936	Fe8.5465	1.77745	Ft2.3873	Ft2.5726	1.30965
Fe5.2551	Fe7.4556	1.77734	Ft5.62	Ft6.302	1.30948
Fe1.3677	Fe2.10376	1.7772	Ft5.1628	Ft7.3946	1.3092
Fe2.1346	Fe3.2832	1.7771	Ft6.1734	Ft7.1815	1.30917
Fe4.14563	Hic.scaffold.9.66	1.7767	Ft2.606	Ft4.1618	1.30905
Fe1.6842	Fe3.6522	1.77666	Ft2.991	Ft3.4147	1.30899
Fe6.4372	Fe6.10260	1.77666	Ft1.1812	Ft4.3882	1.30879
Fe6.9969	Fe8.9192	1.77656	Ft2.2927	Ft8.1529	1.30872
Fe7.2397	Fe8.10636	1.77656	Ft3.1161	Ft7.5150	1.30834
Fe2.2722	Fe6.10261	1.77644	Ft5.1968	Ft7.4459	1.3082
Fe1.12194	Fe8.9941	1.77631	Ft2.4525	Ft3.1353	1.30816
Fe2.11581	Fe3.1132	1.77611	Ft4.5387	Ft7.4942	1.30812
Fe1.2421	Fe5.6155	1.77607	Ft1.409	Ft1.2798	1.30744
Fe4.13816	Fe8.11466	1.77579	Ft4.2157	Ft7.625	1.30692
Fe2.11648	Fe6.827	1.77565	Ft1.2419	Ft2.6539	1.30677
Fe5.12749	Fe5.13426	1.77563	Ft1.2815	Ft2.563	1.30664
Fe1.2421	Fe3.7446	1.7755	Ft5.630	Ft7.3829	1.30649
Fe6.6135	Fe6.9419	1.77543	Ft4.1512	Ft4.3662	1.30645
Fe7.10812	Fe8.7096	1.7752	Ft2.311	Ft7.3118	1.30629
Fe4.9693	Fe6.4533	1.77494	Ft3.1512	Ft8.5195	1.30618
Fe5.12707	Fe6.10666	1.77492	Ft4.157	Ft8.1529	1.30581
Fe3.7618	Fe8.7215	1.77484	Ft2.5145	Ft8.1753	1.3056
Fe3.9062	Fe7.3846	1.77481	Ft2.3774	Ft5.1032	1.30555
Fe7.2586	Fe8.10680	1.77476	Ft2.4256	Ft2.4592	1.30523
Fe5.10675	Fe5.13410	1.77474	Ft4.4276	Ft8.225	1.30523
Fe1.808	Hic.scaffold.9.829	1.77465	Ft2.2885	Ft8.2862	1.3052
Fe4.3167	Fe5.7578	1.77462	Ft2.528	Ft5.420	1.30519
Fe1.2603	Fe4.2854	1.77458	Ft4.5915	Ft7.3503	1.30517
Fe1.14122	Hic.scaffold.10.147	1.77428	Ft3.1755	Ft7.2618	1.30515
Fe7.1606	Fe7.4356	1.77426	Ft5.2015	Ft7.417	1.30454
Fe3.7618	Fe7.13193	1.77425	Ft3.49	Ft6.2091	1.30402
Fe3.6640	Fe3.13098	1.77413	Ft7.4765	Ft8.1305	1.30367
Fe2.7644	Fe3.8600	1.77404	Ft4.3782	Ft7.3478	1.30351
Fe8.834	Fe8.10091	1.774	Ft3.5128	Ft7.393	1.30328
Fe6.10261	Fe7.4972	1.7738	Ft1.1834	Ft2.482	1.30301
Fe4.2713	Fe8.11242	1.77363	Ft2.6594	Ft6.1615	1.30296
Fe1.9303	Fe3.9804	1.77349	Ft2.6069	Ft6.1276	1.30293
Fe6.9419	Fe8.4076	1.77343	Ft1.1855	Ft4.1507	1.30279
Fe1.9073	Fe6.7709	1.77323	Ft2.2523	Ft4.914	1.3027
Fe1.10158	Fe3.12078	1.7732	Ft2.3218	Ft8.4109	1.30257
Fe4.9484	Fe8.4076	1.77304	Ft2.5063	Ft6.1596	1.30233
Fe3.8795	Fe5.10868	1.77298	Ft7.2956	Ft8.3940	1.30227
Fe5.1857	Fe8.4160	1.77278	Ft5.1836	Ft7.5297	1.30222
Fe3.1429	Fe7.1648	1.77275	Ft2.4500	Ft8.4308	1.30199
Fe1.3994	Fe6.8147	1.77254	Ft2.6099	Ft4.157	1.30174
Fe5.4706	Fe7.5582	1.77249	Ft5.1621	Ft7.2952	1.30171
Fe2.10751	Fe2.13511	1.7724	Ft1.630	Ft1.2554	1.30141
Fe6.168	Fe7.2573	1.77216	Ft1.1265	Ft7.2300	1.30013
Fe3.7276	Fe5.3903	1.77198	Ft4.3916	Ft5.391	1.30013
Fe1.2546	Fe5.6710	1.77192	Ft4.6029	Ft8.4536	1.29983
Fe1.2686	Fe4.12045	1.77162	Ft3.420	Ft3.1986	1.29965
Fe2.6904	Fe8.10850	1.77161	Ft4.1588	Ft4.3585	1.29958
Fe6.10792	Fe7.10180	1.77161	Ft4.1503	Ft4.3727	1.29949
Fe6.9185	Fe8.3289	1.77156	Ft3.4663	Ft7.2276	1.29924
Fe4.929	Fe4.4122	1.77134	Ft1.2174	Ft4.1903	1.29883

Fe2.448	Fe2.13258	1.77131	Ft2.662	Ft7.2956	1.29875
Fe2.4141	Fe6.9851	1.77129	Ft7.4697	Ft8.1722	1.29858
Fe1.10137	Fe2.2243	1.77105	Ft3.5518	Ft5.104	1.29844
Fe2.3341	Fe4.13090	1.77069	Ft2.6440	Ft8.1585	1.29836
Fe1.13426	Fe6.3431	1.77067	Ft3.2234	Ft7.1082	1.29833
Fe2.2386	Fe4.14520	1.7706	Ft5.1114	Ft7.3474	1.2981
Fe3.4221	Fe6.11815	1.77036	Ft3.1393	Ft5.1153	1.29794
Fe1.9512	Fe7.11335	1.77009	Ft2.1761	Ft2.4627	1.29781
Fe2.5285	Fe3.8749	1.76997	Ft1.1636	Ft2.6488	1.29753
Fe4.485	Fe8.11030	1.76939	Ft5.2752	Ft6.1827	1.29737
Fe6.10653	Fe7.5054	1.76938	Ft2.1841	Ft6.758	1.29714
Fe2.11243	Fe3.14367	1.76936	Ft6.2452	Ft8.2830	1.2966
Fe2.11028	Fe8.9690	1.76929	Ft1.1847	Ft4.3733	1.29632
Fe6.8368	Fe8.1641	1.76929	Ft2.662	Ft8.1529	1.29613
Fe1.14596	Fe8.10621	1.76911	Ft1.2636	Ft6.48	1.29612
Fe1.2271	Fe7.11857	1.76895	Ft2.1903	Ft3.4109	1.29594
Fe6.8238	Fe7.11868	1.76884	Ft3.5548	Ft7.2305	1.29589
Fe2.12810	Fe8.9175	1.76875	Ft2.975	Ft4.3124	1.29572
Fe4.1894	Fe8.10215	1.76861	Ft1.1495	Ft7.4066	1.29565
Fe4.3061	Fe4.6031	1.76861	Ft7.4150	Ft7.4915	1.29565
Fe4.7780	Fe8.3746	1.7686	Ft3.2450	Ft4.3813	1.29556
Fe3.8655	Fe8.10698	1.76855	Ft1.861	Ft6.1342	1.29554
Fe5.13665	Hic.scaffold.9.478	1.76853	Ft2.5337	Ft8.4089	1.29551
Fe2.11843	Hic.scaffold.9.349	1.76851	Ft4.1546	Ft5.432	1.29548
Fe5.228	Fe5.536	1.76843	Ft3.2047	Ft4.3075	1.29544
Fe1.9331	Fe3.239	1.76838	Ft6.2374	Ft8.3804	1.29531
Fe1.11339	Fe6.4877	1.76825	Ft1.378	Ft6.971	1.29515
Fe1.8889	Fe5.3023	1.76824	Ft1.185	Ft1.2633	1.29514
Fe2.786	Fe7.12718	1.76815	Ft2.4048	Ft7.312	1.29506
Fe4.3961	Fe7.3645	1.76815	Ft8.281	Ft8.1534	1.29458
Fe1.5839	Fe6.5045	1.76805	Ft7.5134	Ft8.1091	1.29442
Fe2.12699	Fe8.9400	1.76792	Ft2.1897	Ft6.770	1.29435
Fe4.6085	Fe4.11182	1.76776	Ft4.1984	Ft8.1585	1.29361
Fe7.9780	Fe8.10119	1.76767	Ft2.2740	Ft3.3623	1.29337
Fe2.367	Hic.scaffold.9.879	1.76749	Ft2.5951	Ft3.334	1.29331
Fe5.412	Fe8.3656	1.76747	Ft2.148	Ft4.4121	1.29318
Fe3.5763	Fe7.3558	1.76746	Ft3.3869	Ft8.2947	1.2928
Fe4.14548	Fe8.10192	1.76731	Ft2.2501	Ft8.1260	1.29209
Fe1.10153	Fe2.6048	1.76728	Ft4.5843	Ft8.4641	1.29188
Fe2.1651	Fe8.11015	1.76724	Ft3.1380	Ft4.1805	1.29145
Fe2.3243	Fe5.2878	1.76723	Ft2.2294	Ft8.4843	1.29118
Fe2.3048	Fe3.5822	1.76711	Ft4.1665	Ft8.3281	1.29105
Fe4.910	Fe5.1903	1.76709	Ft2.5680	Ft5.2968	1.29097
Fe5.1581	Fe7.1135	1.767	Ft4.5178	Ft8.1777	1.29095
Fe2.1915	Fe4.12732	1.76669	Ft7.4941	Ft8.2793	1.29081
Fe4.8568	Fe7.9640	1.76669	Ft2.1865	Ft2.6440	1.29075
Fe1.7426	Fe2.5041	1.76641	Ft4.5476	Ft8.3306	1.29072
Fe2.12803	Fe6.216	1.76637	Ft4.814	Ft4.1717	1.29064
Fe7.1159	Fe8.9943	1.76626	Ft2.1517	Ft3.2143	1.29038
Fe2.4647	Fe6.7709	1.7662	Ft3.1907	Ft8.1305	1.29028
Fe1.51	Fe1.14421	1.76604	Ft2.6099	Ft8.1529	1.29019
Fe5.2941	Fe5.12694	1.76602	Ft3.5122	Ft8.4684	1.29003
Fe1.12144	Fe2.1423	1.76587	Ft3.721	Ft3.1356	1.28979
Fe1.3271	Fe5.5970	1.76581	Ft3.1218	Ft7.3537	1.28943
Fe4.8749	Fe6.12133	1.76571	Ft4.6019	Ft5.55	1.28939

Fe2.10534	Fe7.1224	1.7656
Fe3.2316	Fe8.9951	1.76554
Fe1.7426	Fe5.8839	1.76553
Fe7.7202	Fe8.10719	1.76548
Fe6.5213	Fe8.4611	1.76546
Fe3.10309	Fe7.7619	1.76543
Fe3.8677	Fe4.9661	1.76532
Fe1.14443	Fe6.8429	1.76511
Fe6.7709	Fe7.6855	1.76487
Fe1.513	Fe8.10629	1.76474
Fe7.8345	Fe7.11728	1.76473
Fe4.11440	Fe8.9708	1.76463
Fe4.14535	Hic.scaffold.13.147	1.7644
Fe7.142	Fe8.8304	1.76439
Fe1.6176	Fe6.5989	1.76432
Fe1.12448	Fe4.676	1.76425
Fe2.7678	Fe6.4533	1.76418
Fe8.3866	Fe8.6488	1.76415
Fe1.7830	Fe6.733	1.76414
Fe5.13248	Fe6.3195	1.76409
Fe1.535	Fe5.13665	1.76397
Fe6.4056	Fe8.1414	1.76394
Fe3.4592	Fe4.8402	1.76393
Fe3.12248	Fe4.6114	1.76383
Fe1.2251	Fe6.314	1.76352
Fe2.3243	Fe4.6000	1.76331
Fe2.11438	Fe7.3716	1.76325
Fe2.8594	Fe3.7369	1.7632
Fe2.13529	Fe5.14442	1.76309
Fe2.11972	Fe4.13626	1.76296
Fe2.778	Fe3.3056	1.76296
Fe5.21	Fe5.4392	1.76294
Fe5.11142	Fe6.4991	1.76288
Fe5.10909	Fe7.342	1.76279
Fe2.12356	Fe4.3961	1.76269
Fe3.7988	Fe6.9364	1.76262
Fe1.7392	Fe8.1583	1.76252
Fe2.7905	Fe4.8333	1.76244
Fe5.11979	Fe7.3148	1.76238
Fe2.9398	Fe7.12652	1.76212
Fe2.8594	Fe7.833	1.76211
Fe2.5041	Fe6.4772	1.7618
Fe4.1687	Fe4.5081	1.76169
Fe2.10301	Fe5.12660	1.76164
Fe3.6199	Fe8.7348	1.76156
Fe1.8968	Fe2.11562	1.76155
Fe6.9188	Fe7.6855	1.76154
Fe1.3280	Fe6.6011	1.76151
Fe1.9460	Fe4.10101	1.76149
Fe1.13408	Hic.scaffold.9.829	1.76107
Fe7.869	Fe8.10810	1.76103
Fe3.6026	Fe5.8003	1.76064
Fe5.3461	Fe6.7943	1.76063
Fe4.1411	Fe4.1930	1.76054
Fe7.2399	Fe8.11814	1.76036
Ft2.335	Ft4.6225	1.28899
Ft2.961	Ft7.3454	1.28889
Ft3.2811	Ft7.4952	1.28833
Ft3.21	Ft6.2084	1.28832
Ft1.1115	Ft7.5014	1.28814
Ft2.2618	Ft8.4237	1.28805
Ft1.1743	Ft5.369	1.28791
Ft2.4637	Ft7.4739	1.28768
Ft4.3535	Ft7.4906	1.28762
Ft5.2653	Ft6.1243	1.28757
Ft2.3092	Ft3.666	1.28697
Ft2.4013	Ft7.343	1.28671
Ft3.694	Ft8.271	1.28669
Ft7.2573	Ft8.198	1.28652
Ft2.4525	Ft3.1426	1.28633
Ft2.2955	Ft5.1541	1.28626
Ft4.3539	Ft5.453	1.28601
Ft6.2014	Ft7.4948	1.28564
Ft7.1669	Ft7.3399	1.28558
Ft1.2695	Ft4.1113	1.28557
Ft7.1938	Ft8.225	1.28556
Ft7.4382	Ft8.4421	1.28548
Ft4.5451	Ft8.3281	1.28509
Ft4.4783	HiC.scaffold.5.112	1.28494
Ft7.2904	Ft8.513	1.28488
Ft3.4867	Ft8.1638	1.28485
Ft7.4875	Ft8.3996	1.28484
Ft2.6611	Ft7.4915	1.28477
Ft4.101	Ft6.2340	1.28476
Ft8.492	Ft8.632	1.28459
Ft1.505	Ft1.2433	1.28458
Ft2.282	Ft6.1603	1.28432
Ft4.3400	Ft4.3665	1.28424
Ft4.2107	Ft6.921	1.28414
Ft3.3659	Ft4.2805	1.284
Ft2.6577	Ft5.1541	1.28393
Ft2.4447	Ft8.4000	1.28359
Ft1.783	Ft6.1270	1.28353
Ft2.4884	Ft7.4942	1.28343
Ft2.6080	Ft3.5511	1.28321
Ft1.1735	Ft2.80	1.28284
Ft6.1416	Ft7.3118	1.28265
Ft2.6069	Ft6.2268	1.28216
Ft7.1730	Ft8.1835	1.28214
Ft2.2808	Ft4.4142	1.2817
Ft4.5712	Ft8.4284	1.28165
Ft2.4618	Ft3.1838	1.28117
Ft1.1559	Ft6.1869	1.28105
Ft2.4264	Ft2.5953	1.28077
Ft2.5649	Ft3.601	1.28068
Ft4.726	Ft7.4952	1.28066
Ft2.3723	Ft3.5418	1.28065
Ft5.427	Ft6.95	1.28049
Ft7.706	Ft7.1608	1.28039
Ft2.449	Ft6.974	1.28034

Fe3.10462	Fe6.2996	1.76025
Fe5.10045	Fe6.2269	1.76024
Fe6.1510	Fe7.12933	1.7601
Fe2.8822	Fe5.13600	1.76006
Fe2.2478	Fe6.9306	1.75995
Fe3.9127	Fe8.1430	1.7596
Fe7.8653	Fe7.11555	1.75955
Fe2.2478	Fe8.1607	1.75946
Fe3.13527	Fe7.1453	1.7594
Fe2.10247	Fe2.13299	1.75936
Fe3.12055	Fe7.9841	1.75935
Fe4.6000	Fe6.4340	1.75932
Fe7.11078	Fe8.7136	1.75922
Fe4.6656	Fe5.9078	1.75909
Fe2.3968	Fe8.3523	1.75889
Fe1.3335	Fe5.5658	1.75884
Fe3.6522	Fe6.9419	1.75862
Fe1.8092	Fe7.5994	1.75845
Fe3.8400	Fe8.3077	1.75833
Fe4.14392	Fe6.721	1.75827
Fe5.9630	Fe6.9985	1.75825
Fe2.2995	Hic.scaffold.9.98	1.75813
Fe6.9364	Fe7.7149	1.75806
Fe2.4138	Fe8.9209	1.758
Fe1.3907	Fe7.9788	1.75799
Fe1.95	Fe6.2282	1.75786
Fe1.10521	Fe6.1387	1.75783
Fe3.12000	Fe6.3103	1.75779
Fe7.8241	Fe8.10889	1.75772
Fe3.3093	Fe7.11687	1.75754
Fe5.3703	Fe7.11405	1.75749
Fe3.12239	Fe6.2269	1.75738
Fe5.12660	Fe6.9837	1.75736
Fe3.2961	Fe4.2975	1.75721
Fe2.9350	Fe8.11074	1.7572
Fe7.12676	Fe8.5461	1.75716
Fe3.7728	Fe5.6169	1.75704
Fe2.1642	Fe4.3215	1.75681
Fe1.2808	Fe1.13868	1.75673
Fe3.7066	Fe8.4070	1.75657
Fe6.9985	Fe8.4076	1.75644
Fe2.14191	Fe3.14105	1.75642
Fe2.6390	Fe3.5253	1.7563
Fe3.14275	Fe5.9244	1.7562
Fe2.3817	Fe4.5885	1.75619
Fe1.6570	Fe3.3676	1.75604
Fe3.5642	Fe8.4593	1.75572
Fe3.7618	Fe5.9148	1.75568
Fe3.3116	Fe6.11359	1.7556
Fe6.3114	Fe6.5390	1.75526
Fe6.2883	Fe8.8221	1.7551
Fe2.10588	Fe5.8548	1.75508
Fe3.3682	Fe7.4918	1.75491
Fe2.13721	Hic.scaffold.9.162	1.7549
Fe5.10694	Fe7.396	1.75477
Ft5.2007	Ft7.414	1.28018
Ft2.1680	Ft2.2116	1.27997
Ft6.2360	Ft8.1523	1.2799
Ft4.214	Ft8.3753	1.27986
Ft2.1761	Ft7.4995	1.27965
Ft3.4867	Ft7.5177	1.27925
Ft1.598	Ft4.922	1.27913
Ft1.120	Ft6.1499	1.27894
Ft2.4124	Ft4.5769	1.27872
Ft2.335	Ft4.5398	1.27859
Ft2.3522	Ft3.5178	1.27858
Ft4.1974	Ft7.973	1.27828
Ft6.2161	Ft8.3339	1.27823
Ft2.671	Ft3.1564	1.27817
Ft4.1350	Ft5.384	1.27774
Ft4.5776	Ft8.4578	1.27738
Ft2.5724	Ft4.5484	1.27737
Ft3.3892	Ft4.2157	1.27717
Ft1.2549	Ft6.1147	1.27713
Ft2.4642	Ft8.960	1.27709
Ft6.1591	Ft8.1707	1.27684
Ft4.1018	Ft6.886	1.27667
Ft1.1634	Ft2.6487	1.27662
Ft2.646	Ft4.3514	1.27633
Ft2.3444	Ft7.2094	1.27602
Ft3.1134	Ft3.2490	1.27601
Ft1.1733	Ft6.1582	1.27559
Ft3.2111	Ft4.1423	1.27547
Ft8.607	Ft8.2370	1.27525
Ft4.5584	Ft8.3573	1.27516
Ft7.813	Ft7.5294	1.27489
Ft5.2002	Ft7.5258	1.27476
Ft5.1659	Ft7.3920	1.27453
Ft2.1024	Ft7.2362	1.27432
Ft4.3548	Ft7.4753	1.27425
Ft2.2270	Ft4.1805	1.274
Ft1.2052	Ft4.3409	1.27386
Ft4.1433	Ft4.3882	1.27385
Ft2.3092	Ft7.475	1.27377
Ft2.3040	Ft7.3413	1.27334
Ft2.1733	Ft7.1219	1.27307
Ft3.3512	Ft7.2122	1.27304
Ft2.129	Ft4.4106	1.27295
Ft2.1494	Ft7.1129	1.27273
Ft1.122	Ft2.4767	1.27266
Ft2.439	Ft7.2173	1.27254
Ft3.5753	Ft8.4539	1.27227
Ft3.1348	Ft8.231	1.2722
Ft4.872	Ft4.2609	1.27202
Ft2.2879	Ft4.1376	1.27174
Ft3.2881	Ft8.3940	1.27127
Ft2.1054	Ft4.444	1.27104
Ft7.4066	Ft7.5109	1.27104
Ft4.2600	Ft6.1079	1.27057
Ft7.3503	Ft8.121	1.26938

Fe3.13624	Fe3.14567	1.75476
Fe1.14096	Fe6.2369	1.75462
Fe2.11618	Fe8.11193	1.75459
Fe5.2878	Hic.scaffold.10.134	1.75459
Fe6.11638	Fe7.12279	1.75458
Fe4.14491	Hic.scaffold.10.365	1.75442
Fe5.9887	Fe6.4590	1.75431
Fe3.2574	Fe7.12380	1.75426
Fe4.4713	Fe8.9397	1.75421
Fe2.12014	Fe8.2706	1.7542
Fe7.201	Fe7.2928	1.75411
Fe8.9825	Hic.scaffold.13.175	1.7541
Fe3.7835	Fe4.2289	1.75403
Fe2.10592	Fe4.9655	1.75402
Fe3.8016	Fe5.10129	1.75393
Fe2.1142	Fe4.364	1.75379
Fe2.11915	Fe2.13798	1.75372
Fe8.3289	Fe8.5353	1.75359
Fe7.1614	Fe8.9460	1.75352
Fe1.14564	Fe7.321	1.75347
Fe1.317	Fe2.12092	1.75335
Fe2.6048	Fe7.11455	1.7533
Fe3.14486	Fe6.2130	1.7532
Fe4.10540	Fe6.3552	1.75315
Fe3.3586	Fe5.8013	1.7531
Fe4.2998	Fe8.12070	1.7529
Fe7.2523	Fe7.13121	1.75264
Fe3.13423	Fe7.771	1.75249
Fe7.5768	Fe8.10138	1.75248
Fe1.13115	Fe2.14066	1.75238
Fe6.2315	Fe7.3937	1.75237
Fe5.6198	Fe6.11638	1.75232
Fe6.3460	Fe6.7446	1.75229
Fe1.10184	Fe6.9484	1.75211
Fe1.13289	Fe4.1328	1.75191
Fe2.11798	Fe7.1648	1.75183
Fe4.12803	Fe7.3846	1.75181
Fe2.13537	Fe4.11102	1.75179
Fe3.13974	Fe7.8320	1.75139
Fe4.3079	Fe8.2810	1.75138
Fe2.5085	Fe4.10186	1.75136
Fe1.11009	Fe3.14022	1.75128
Fe1.11040	Fe3.14022	1.75128
Fe2.14275	Fe4.12278	1.75076
Fe4.2982	Fe7.5246	1.75035
Fe4.11293	Fe8.2018	1.75005
Fe4.2552	Fe4.14130	1.74993
Fe3.4674	Fe5.12983	1.74992
Fe3.2864	Fe7.11598	1.74969
Fe4.5830	Fe8.10731	1.74933
Fe5.5595	Fe8.3595	1.74933
Fe6.3293	Fe6.10668	1.74918
Fe4.6042	Fe8.3595	1.74917
Fe3.363	Fe5.512	1.74896
Fe6.5987	Fe8.11777	1.74896
Ft2.3092	Ft8.225	1.26921
Ft2.4446	Ft8.4268	1.26913
Ft5.1310	Ft5.2196	1.26908
Ft3.1476	Ft4.472	1.26904
Ft3.1238	Ft8.4974	1.26874
Ft5.1719	HiC.scaffold.5.13	1.26859
Ft2.6611	Ft3.768	1.26849
Ft3.5091	Ft7.3164	1.26804
Ft5.1758	Ft7.5126	1.26785
Ft2.5385	Ft7.1016	1.26761
Ft2.3802	Ft4.5451	1.26759
Ft3.156	Ft8.772	1.26756
Ft7.1623	Ft7.4150	1.2675
Ft3.1234	Ft8.4971	1.26738
Ft4.589	Ft6.427	1.26723
Ft2.5681	Ft5.2969	1.26705
Ft1.263	Ft1.2699	1.26673
Ft3.2438	Ft6.228	1.26649
Ft1.1681	Ft4.1213	1.26639
Ft2.3338	Ft2.5518	1.26632
Ft2.833	Ft2.2856	1.26629
Ft2.449	Ft3.4980	1.26628
Ft2.3062	Ft6.3138	1.26619
Ft4.975	Ft6.850	1.26611
Ft3.3740	Ft8.858	1.26609
Ft2.5385	Ft8.1835	1.26588
Ft3.104	Ft4.1181	1.26582
Ft3.5718	Ft4.5997	1.26564
Ft1.1795	Ft5.394	1.26529
Ft7.2655	Ft7.3027	1.26464
Ft3.916	Ft3.5595	1.26456
Ft2.3500	Ft5.2974	1.26453
Ft2.1837	Ft2.3106	1.2643
Ft6.3681	Ft7.2630	1.26419
Ft4.1956	Ft8.587	1.26413
Ft2.1054	Ft7.615	1.26383
Ft8.163	Ft8.4074	1.26364
Ft4.4001	Ft5.374	1.26344
Ft4.4911	Ft6.3248	1.26332
Ft4.2135	Ft7.548	1.26304
Ft2.407	Ft4.1302	1.26286
Ft4.5654	Ft8.4365	1.26278
Ft2.1761	Ft7.3399	1.26269
Ft3.5486	Ft4.5780	1.26191
Ft1.611	Ft1.2538	1.26185
Ft3.590	Ft3.1838	1.26178
Ft2.3508	Ft2.5613	1.26176
Ft4.1365	Ft4.3966	1.26174
Ft6.3268	Ft8.1535	1.2614
Ft1.307	Ft7.921	1.26125
Ft4.4318	Ft4.4891	1.26125
Ft2.287	Ft4.777	1.26123
Ft4.3099	Ft7.1467	1.26106
Ft2.5952	Ft4.5702	1.26098
Ft2.570	Ft2.6140	1.26092

Fe2.565	Fe7.6237	1.74895	Ft5.2243	Ft7.3617	1.26079
Fe1.10243	Fe8.4322	1.74885	Ft7.3039	Ft7.3931	1.26078
Fe2.2165	Fe3.9813	1.74861	Ft2.4934	Ft8.2855	1.26073
Fe3.3271	Fe3.7835	1.74849	Ft1.1999	Ft4.1672	1.2606
Fe5.1200	Fe6.11676	1.74842	Ft6.1044	Ft7.5134	1.26053
Fe2.2135	Fe8.10138	1.74833	Ft6.2326	Ft8.1419	1.26052
Fe2.11294	Fe3.14027	1.74831	Ft2.6583	Ft3.1300	1.26045
Fe4.9091	Fe5.13163	1.74826	Ft1.2286	Ft4.2116	1.26026
Fe2.8082	Fe5.9892	1.74785	Ft3.385	Ft8.195	1.26016
Fe5.3356	Fe7.9820	1.74784	Ft4.60	Ft8.1296	1.25909
Fe1.9769	Hic.scaffold.9.848	1.74773	Ft6.2176	Ft8.3331	1.2587
Fe4.8299	Fe8.834	1.7475	Ft2.4525	Ft3.4798	1.25865
Fe6.3528	Fe6.5082	1.74747	Ft2.411	Ft8.1638	1.25831
Fe2.148	Fe8.1754	1.747	Ft3.791	Ft8.3011	1.25831
Fe6.5989	Fe7.4837	1.74676	Ft5.2799	Ft7.2001	1.25815
Fe1.2176	Fe1.14060	1.74667	Ft4.5451	Ft6.1366	1.2581
Fe4.2919	Fe8.12104	1.74651	Ft2.2984	Ft4.4545	1.25808
Fe6.5872	Fe8.7795	1.74646	Ft3.426	Ft7.4008	1.25746
Fe2.1452	Fe4.13060	1.74636	Ft2.3997	Ft4.4816	1.25742
Fe6.9308	Fe6.11438	1.74636	Ft4.607	Ft5.147	1.25694
Fe4.2970	Fe5.2999	1.74629	Ft8.307	Ft8.3502	1.25667
Fe4.5622	Fe8.4322	1.74617	Ft3.4720	Ft5.682	1.25659
Fe5.12051	Fe7.1624	1.74608	Ft3.1835	Ft3.5595	1.25655
Fe4.7275	Fe5.5299	1.74605	Ft1.2718	Ft4.1015	1.25644
Fe4.3619	Fe5.3771	1.746	Ft5.1779	Ft7.5086	1.25638
Fe3.8553	Fe7.11064	1.74593	Ft2.1146	Ft2.2358	1.25635
Fe3.3063	Fe4.10562	1.74592	Ft3.3036	Ft7.2319	1.25627
Fe7.13041	Fe8.4998	1.7459	Ft7.386	Ft8.1313	1.25623
Fe1.10892	Fe7.1446	1.74583	Ft4.2636	Ft6.3269	1.25622
Fe2.4628	Fe4.6042	1.74568	Ft6.1376	Ft8.4453	1.25584
Fe3.12342	Fe4.3812	1.7456	Ft3.5285	Ft4.5840	1.25578
Fe3.2842	Fe5.2545	1.74555	Ft4.1614	Ft4.3563	1.2557
Fe6.1993	Fe6.2962	1.7455	Ft7.476	Ft7.658	1.25545
Fe5.12191	Fe7.29	1.74539	Ft2.2292	Ft2.2933	1.25535
Fe2.4922	Fe7.7007	1.74521	Ft2.2391	Ft8.5007	1.25532
Fe1.10967	Fe1.14066	1.74505	Ft2.668	Ft4.1691	1.25524
Fe6.3325	Fe7.117	1.74499	Ft3.1787	Ft8.3878	1.25485
Fe2.10425	Fe3.6264	1.74485	Ft4.6005	Ft8.3281	1.25476
Fe5.10907	Fe8.1779	1.74466	Ft1.2107	Ft5.493	1.25467
Fe3.2420	Fe7.3250	1.74457	Ft2.3037	Ft8.1227	1.25448
Fe4.9370	Fe6.9328	1.74447	Ft2.2391	Ft3.913	1.25443
Fe4.13816	Fe5.124	1.74426	Ft4.1317	Ft4.3917	1.25441
Fe2.871	Fe7.12026	1.74425	Ft3.2801	Ft4.829	1.25408
Fe2.2577	Fe4.5622	1.74417	Ft4.1938	Ft7.3115	1.25394
Fe2.1954	Fe7.3812	1.74413	Ft4.4940	Ft7.2956	1.25342
Fe4.3412	Fe5.12268	1.74404	Ft1.2066	Ft4.1734	1.25334
Fe7.6108	Fe8.2864	1.74372	Ft2.488	Ft4.3768	1.25315
Fe3.9114	Fe6.5458	1.74363	Ft3.879	Ft4.814	1.25281
Fe2.10358	Fe6.12064	1.74361	Ft4.1458	Ft5.404	1.25256
Fe6.11638	Fe7.11142	1.7436	Ft2.1598	Ft2.2028	1.25199
Fe4.12327	Fe7.3716	1.74357	Ft2.5172	Ft4.2132	1.25188
Fe3.3081	Fe7.8254	1.74315	Ft5.2930	Ft8.4580	1.25158
Fe1.6210	Fe6.9772	1.74305	Ft2.6469	Ft3.4201	1.25149
Fe5.12772	Fe7.2619	1.74281	Ft2.761	Ft2.2717	1.25132
Fe1.2251	Fe1.12965	1.74274	Ft2.5971	Ft8.4268	1.25095

Fe7.817	Hic.scaffold.10.336	1.7427	Ft3.853	Ft3.2035	1.25091
Fe1.12977	Fe1.14050	1.74263	Ft1.335	Ft6.3246	1.25084
Fe1.6690	Fe2.5041	1.7426	Ft1.352	Ft1.2751	1.25048
Fe1.12491	Fe1.13052	1.74247	Ft3.591	Ft8.4508	1.25044
Fe2.8847	Fe3.1016	1.74242	Ft2.3791	Ft3.5473	1.25037
Fe3.8819	Fe3.13662	1.74235	Ft2.6477	Ft4.5563	1.25009
Fe1.11714	Fe7.3556	1.74234	Ft4.1120	Ft6.3391	1.24969
Fe4.9477	Fe6.10327	1.74233	Ft6.336	Ft8.284	1.24967
Fe2.6837	Fe4.7953	1.74219	Ft4.308	Ft6.292	1.24966
Fe2.12370	Fe5.12864	1.74213	Ft3.5277	Ft4.5843	1.24962
Fe7.11968	Fe8.7099	1.7416	Ft2.2160	Ft8.1638	1.24954
Fe1.13341	Fe3.14360	1.74142	Ft2.1781	Ft4.4074	1.24921
Fe6.778	Fe8.10074	1.74125	Ft2.4498	Ft2.5948	1.24912
Fe4.13847	Fe8.10689	1.74105	Ft2.4661	Ft3.1085	1.249
Fe6.2883	Fe7.4578	1.74077	Ft3.4618	Ft4.2135	1.24891
Fe2.10726	Fe4.5885	1.74053	Ft2.2879	Ft2.5951	1.24887
Fe3.5622	Fe4.5681	1.7405	Ft4.1824	Ft5.476	1.24812
Fe1.2963	Fe1.13836	1.7404	Ft3.3840	Ft7.2023	1.24788
Fe1.5089	Fe2.8529	1.74022	Ft7.2802	Ft7.4753	1.24788
Fe7.303	Fe8.8263	1.74007	Ft1.2054	Ft4.1714	1.24776
Fe2.10408	Fe3.13579	1.74003	Ft1.598	Ft6.1112	1.24775
Fe2.11627	Fe8.11207	1.74001	Ft2.2927	Ft8.5102	1.24773
Fe2.9277	Fe5.4191	1.73993	Ft7.1209	Ft7.2122	1.24772
Fe6.8268	Fe7.439	1.73985	Ft3.5733	Ft4.6004	1.24733
Fe5.6247	Fe8.5137	1.73983	Ft4.269	Ft8.3648	1.24679
Fe4.5885	Fe7.11459	1.73977	Ft8.2821	Ft8.4263	1.24673
Fe6.9640	Fe7.11459	1.73973	Ft1.2751	Ft8.3578	1.24584
Fe5.1401	Fe5.3802	1.73969	Ft1.1765	Ft2.16	1.24572
Fe4.11108	Fe6.9788	1.73949	Ft2.5221	Ft4.726	1.24557
Fe6.3457	Fe7.2251	1.7394	Ft3.5395	Ft8.4628	1.24553
Fe1.11244	Fe5.751	1.73936	Ft2.5785	Ft4.5539	1.24548
Fe5.12185	Fe5.13104	1.73926	Ft3.1356	Ft8.3338	1.24541
Fe3.13866	Fe7.4978	1.73924	Ft7.1599	Ft8.1638	1.2454
Fe2.8524	Fe3.13144	1.73921	Ft3.1935	Ft4.1961	1.24499
Fe2.14271	Fe8.9669	1.73913	Ft4.726	Ft8.1305	1.24488
Fe6.4772	Fe7.8863	1.739	Ft1.1909	Ft4.3591	1.24481
Fe1.10243	Fe7.12784	1.73879	Ft2.1803	Ft2.4633	1.24463
Fe5.9494	Fe6.4438	1.73867	Ft6.3379	Ft8.1035	1.24443
Fe1.3846	Fe2.6440	1.7386	Ft1.1929	Ft4.3585	1.24389
Fe6.4516	Fe6.10767	1.73854	Ft2.2984	Ft8.3496	1.24385
Fe1.1880	Fe4.11887	1.73846	Ft2.6022	Ft5.2924	1.24351
Fe2.13683	Fe6.11083	1.73844	Ft3.133	Ft8.733	1.24306
Fe3.7038	Fe5.3920	1.7383	Ft4.108	Ft8.1475	1.24233
Fe3.3515	Fe4.11628	1.73828	Ft4.4244	Ft7.2131	1.24226
Fe6.11234	Fe7.2408	1.73819	Ft4.2168	Ft7.2190	1.24217
Fe7.8254	Fe8.3694	1.73819	Ft2.5899	Ft4.5652	1.24213
Fe2.13831	Fe3.1032	1.73812	Ft2.6615	Ft3.1353	1.24157
Fe1.1369	Fe4.8834	1.73807	Ft1.1860	Ft4.1515	1.2414
Fe1.6135	Fe6.9086	1.73803	Ft2.160	Ft4.4136	1.24136
Fe3.6199	Fe4.3037	1.73799	Ft3.830	Ft6.1322	1.24127
Fe1.7426	Fe4.9484	1.73786	Ft4.977	Ft6.855	1.24123
Fe5.10626	Fe7.3244	1.73784	Ft2.2713	Ft8.1227	1.24118
Fe5.10530	Fe6.8198	1.7374	Ft5.1898	Ft7.2186	1.24114
Fe2.8802	Fe4.11269	1.73711	Ft3.5510	Ft8.4561	1.24088
Fe2.8529	Fe5.8785	1.73684	Ft4.2570	Ft8.2462	1.24076

Fe2.13502	Fe8.9691	1.73675
Fe5.5299	Fe5.7724	1.73655
Fe6.9702	Fe8.9130	1.73654
Fe1.4387	Fe4.6664	1.73649
Fe7.6756	Fe8.2825	1.73641
Fe1.3335	Fe3.5714	1.73639
Fe1.11460	Fe4.11443	1.73636
Fe3.4035	Fe6.1225	1.73632
Fe2.11413	Fe7.4153	1.73623
Fe7.1436	Hic.scaffold.13.289	1.73621
Fe1.12063	Fe6.7616	1.73618
Fe5.3759	Fe7.6013	1.73613
Fe5.3271	Fe6.6229	1.73602
Fe3.13894	Fe8.8147	1.73587
Fe3.5642	Fe7.11231	1.73587
Fe2.2670	Fe6.11694	1.73583
Fe1.5765	Fe4.1696	1.7357
Fe6.5140	Fe6.10249	1.73565
Fe1.13768	Fe4.13847	1.73553
Fe2.11360	Fe2.13619	1.73548
Fe6.2861	Fe6.11933	1.73532
Fe3.2972	Fe4.8279	1.7353
Fe3.14201	Fe7.993	1.73525
Fe3.9294	Fe4.4895	1.73508
Fe3.1943	Fe4.13795	1.73505
Fe4.11321	Fe6.11076	1.73487
Fe1.4852	Fe7.1617	1.73463
Fe7.131	Fe8.10597	1.73463
Fe6.6672	Fe7.8653	1.73456
Fe3.2368	Fe5.8230	1.73451
Fe2.7644	Fe4.6106	1.73445
Fe2.775	Fe3.11864	1.73441
Fe6.3087	Fe7.469	1.73411
Fe4.1785	Fe6.10642	1.7341
Fe7.5230	Fe8.9911	1.73409
Fe2.11424	Hic.scaffold.13.213	1.73386
Fe2.13780	Fe4.2544	1.73342
Fe1.1429	Fe6.6249	1.73337
Fe3.13342	Fe5.4256	1.73336
Fe6.5336	Fe8.7215	1.73335
Fe1.6557	Fe8.4065	1.73322
Fe5.13104	Fe7.12717	1.7332
Fe3.9294	Fe8.3180	1.73315
Fe2.2768	Fe3.6640	1.73299
Fe3.5775	Fe4.3797	1.73281
Fe1.12063	Fe8.565	1.73275
Fe1.3662	Fe5.3635	1.7327
Fe4.14292	Fe6.595	1.73266
Fe1.14617	Fe2.9886	1.73265
Fe2.1029	Fe7.6232	1.73252
Fe6.6205	Fe8.9935	1.7324
Fe3.856	Fe8.6834	1.73218
Fe5.1483	Fe7.647	1.73215
Fe2.10267	Fe7.7415	1.73185
Fe1.4474	Fe3.9602	1.73168
Ft2.2651	Ft6.1181	1.24061
Ft2.449	Ft2.6099	1.2405
Ft2.1803	Ft4.2081	1.24046
Ft1.1737	Ft2.6496	1.24023
Ft2.2481	Ft6.3299	1.24014
Ft2.3010	Ft2.6597	1.24014
Ft4.865	Ft4.2592	1.24012
Ft2.5849	Ft6.141	1.23997
Ft2.6653	Ft8.4158	1.23979
Ft3.4033	Ft7.2122	1.23963
Ft7.4995	Ft8.4561	1.23963
Ft2.2551	Ft8.3987	1.23895
Ft3.2111	Ft4.1917	1.23857
Ft7.393	Ft8.340	1.23856
Ft4.2135	Ft6.3406	1.23841
Ft3.774	Ft8.3001	1.23838
Ft2.5370	Ft3.5459	1.23827
Ft2.3499	Ft8.4680	1.23771
Ft3.4834	Ft7.3842	1.23771
Ft1.224	Ft1.2674	1.23757
Ft4.170	Ft8.3697	1.23746
Ft1.1147	Ft2.2556	1.23726
Ft2.3347	Ft7.649	1.23715
Ft2.2509	Ft7.4977	1.23713
Ft3.913	Ft3.2881	1.2369
Ft4.4320	Ft8.271	1.23683
Ft1.481	Ft3.2637	1.23676
Ft2.6018	Ft5.2922	1.2365
Ft5.2006	Ft7.5246	1.23638
Ft2.5236	Ft4.4996	1.23608
Ft1.2450	Ft6.1073	1.2359
Ft1.1905	Ft5.441	1.23495
Ft3.4291	Ft4.1771	1.23492
Ft5.1718	HiC.scaffold.5.57	1.23424
Ft2.2879	Ft4.5842	1.23419
Ft2.4109	Ft2.6067	1.23387
Ft2.199	Ft3.916	1.23376
Ft4.4941	Ft7.2802	1.23361
Ft4.4794	HiC.scaffold.5.183	1.23345
Ft1.2697	Ft6.858	1.23329
Ft7.475	Ft8.3281	1.23325
Ft2.2502	Ft4.667	1.23323
Ft3.1380	Ft6.1930	1.23323
Ft2.4201	Ft3.5646	1.23317
Ft7.4995	Ft8.3940	1.23302
Ft6.1120	Ft8.3394	1.2329
Ft4.2026	Ft8.5269	1.23278
Ft3.2441	Ft4.1917	1.2327
Ft3.1254	Ft6.3592	1.2324
Ft3.4618	Ft8.4793	1.23229
Ft7.1086	Ft7.1322	1.23205
Ft5.40	Ft8.3733	1.23181
Ft3.1254	Ft8.155	1.23123
Ft4.4570	Ft7.3824	1.23086
Ft2.1761	Ft2.4117	1.23069

Fe4.5267	Fe5.12291	1.73158	Ft7.4741	Ft8.1284	1.23043
Fe5.13419	Fe8.9943	1.73157	Ft3.1212	Ft5.206	1.23027
Fe3.13530	Fe6.6275	1.73156	Ft3.1426	Ft4.5310	1.2302
Fe3.2019	Fe5.1928	1.73155	Ft2.961	Ft6.141	1.23013
Fe3.9164	Fe4.5267	1.73153	Ft4.3999	Ft5.375	1.23002
Fe1.14060	Fe6.4185	1.73135	Ft8.518	Ft8.2370	1.22991
Fe4.9906	Fe8.4104	1.73123	Ft3.2120	Ft7.1251	1.22983
Fe4.6471	Fe6.8047	1.7312	Ft4.4276	Ft8.1305	1.22943
Fe1.4208	Fe6.5745	1.73114	Ft6.2083	Ft6.2472	1.22921
Fe4.14391	Fe6.725	1.73097	Ft2.3030	Ft3.5733	1.22916
Fe4.4538	Fe5.3528	1.73088	Ft4.1107	Ft6.976	1.22912
Fe5.2941	Fe8.9705	1.73073	Ft4.5138	Ft8.1828	1.22899
Fe3.3393	Fe4.1101	1.73066	Ft2.6585	Ft8.4523	1.2288
Fe6.10224	Fe7.11922	1.73045	Ft3.1398	Ft4.6005	1.22852
Fe7.11567	Fe8.1361	1.73029	Ft2.5221	Ft3.913	1.22816
Fe2.13798	Fe8.5413	1.7298	Ft3.666	Ft3.879	1.22809
Fe3.234	Fe5.4123	1.72975	Ft4.1466	Ft4.3794	1.22801
Fe1.6520	Fe5.1928	1.72971	Ft1.2813	Ft6.1003	1.22785
Fe1.4474	Fe6.5213	1.72957	Ft3.1697	Ft7.3517	1.2277
Fe4.11672	Fe6.7648	1.72954	Ft2.4432	Ft2.4675	1.22746
Fe2.1386	Fe4.13088	1.72951	Ft2.2594	Ft8.1248	1.22734
Fe6.9419	Fe8.2018	1.72949	Ft2.587	Ft4.3565	1.22732
Fe1.10211	Hic.scaffold.10.421	1.72943	Ft4.3813	Ft7.1623	1.227
Fe5.2874	Fe8.3107	1.7294	Ft3.3061	Ft6.2555	1.22698
Fe1.4415	Fe6.5872	1.72927	Ft2.586	Ft4.3567	1.22666
Fe2.5931	Fe4.9448	1.72925	Ft4.660	Ft5.928	1.22624
Fe4.11774	Fe7.5938	1.7292	Ft1.1863	Ft2.3120	1.2262
Fe4.8213	Fe6.3087	1.72889	Ft4.3929	Ft6.477	1.22585
Fe6.7216	Fe7.3633	1.72874	Ft7.385	Ft7.775	1.22569
Fe5.1700	Fe7.7155	1.72872	Ft2.2561	Ft8.1227	1.22556
Fe4.11755	Fe7.11467	1.72863	Ft2.4528	Ft4.819	1.22525
Fe1.1966	Fe6.3929	1.72855	Ft2.1059	Ft8.4230	1.22522
Fe4.3582	Fe6.9950	1.72851	Ft4.2127	Ft6.2628	1.22519
Fe6.3012	Fe6.5699	1.72846	Ft2.3224	Ft8.4102	1.22481
Fe4.7634	Fe5.7386	1.72838	Ft3.1380	Ft3.3892	1.2247
Fe7.12618	Fe8.7379	1.72837	Ft6.2093	Ft7.4961	1.22467
Fe3.12200	Fe5.7724	1.72828	Ft2.6599	Ft5.1510	1.22456
Fe1.2507	Fe1.13980	1.72809	Ft2.2160	Ft2.6099	1.2245
Fe4.255	Fe7.12314	1.72793	Ft5.2135	Ft7.3712	1.22449
Fe3.3528	Fe3.8160	1.72792	Ft2.4618	Ft4.2135	1.2242
Fe4.2989	Fe7.1478	1.72792	Ft2.4472	Ft8.4291	1.22401
Fe4.849	Hic.scaffold.9.769	1.7278	Ft3.5346	Ft8.4615	1.22374
Fe3.9363	Fe8.7737	1.72773	Ft2.2561	Ft3.666	1.22372
Fe1.2176	Fe4.11593	1.72764	Ft1.2152	Ft4.1889	1.22362
Fe4.2828	Fe5.3356	1.72749	Ft4.5720	Ft8.4268	1.22349
Fe1.12533	Fe2.12970	1.72741	Ft1.1073	Ft2.4884	1.22317
Fe6.2372	Fe8.11141	1.72704	Ft7.1069	Ft7.3118	1.22304
Fe3.3280	Fe7.11140	1.72703	Ft4.5745	Ft8.4575	1.22302
Fe6.3270	Fe8.7913	1.72698	Ft2.2391	Ft7.3943	1.22277
Fe4.12234	Fe5.2873	1.72697	Ft4.2135	Ft7.3298	1.22252
Fe2.4113	Fe5.3750	1.72687	Ft3.4201	Ft4.2142	1.22249
Fe2.9791	Fe4.2101	1.7266	Ft1.339	Ft4.2100	1.22246
Fe3.7105	Fe7.6018	1.7266	Ft2.3099	Ft8.4221	1.22209
Fe1.10571	Fe3.4105	1.72638	Ft1.1073	Ft7.4942	1.22153
Fe4.7230	Fe8.2404	1.72631	Ft2.6599	Ft3.5749	1.22126

Fe1.3214	Fe3.1399	1.72626	Ft1.2060	Ft4.1719	1.22116
Fe5.5020	Fe5.8230	1.72616	Ft2.2879	Ft3.913	1.22114
Fe3.12016	Fe4.11755	1.72584	Ft3.1294	Ft6.3578	1.22085
Fe3.3078	Fe7.12137	1.72562	Ft3.1245	Ft8.4991	1.22084
Fe4.8207	Fe5.3366	1.7255	Ft3.4145	Ft4.2245	1.22081
Fe1.1709	Fe1.14217	1.72547	Ft2.4824	Ft7.4654	1.22012
Fe1.12238	Fe4.13280	1.72536	Ft3.1926	Ft7.1743	1.22003
Fe6.5419	Fe8.4160	1.72513	Ft2.4923	Ft7.4781	1.21997
Fe2.11571	Fe3.1118	1.72508	Ft4.5137	Ft8.1834	1.21984
Fe6.9419	Fe8.6396	1.72491	Ft2.5917	Ft3.1962	1.21969
Fe4.13634	Fe7.3717	1.72484	Ft2.2828	Ft8.2809	1.21941
Fe6.574	Fe7.2511	1.72484	Ft3.482	Ft4.2254	1.21912
Fe3.10406	Fe7.2934	1.72474	Ft2.4758	Ft6.1501	1.21905
Fe2.230	Fe6.2269	1.72464	Ft6.873	Ft6.2674	1.21881
Fe6.2269	Fe6.2670	1.72462	Ft1.2716	Ft4.1011	1.21869
Fe5.11765	Fe7.3708	1.72457	Ft3.2299	Ft5.757	1.21829
Fe4.14194	Fe5.14442	1.72455	Ft5.1707	HiC.scaffold.5.88	1.21822
Fe3.10789	Fe8.6540	1.72448	Ft2.1300	Ft6.716	1.21815
Fe2.2510	Fe8.9943	1.72447	Ft4.1873	Ft8.307	1.21807
Fe1.13989	Fe6.4313	1.72437	Ft3.2450	Ft6.1181	1.21792
Fe1.12063	Fe5.10977	1.72436	Ft3.1274	Ft8.175	1.21754
Fe1.14524	Fe5.9650	1.72417	Ft2.2583	Ft4.1965	1.21752
Fe2.13235	Fe4.2131	1.72415	Ft2.2737	Ft3.815	1.21732
Fe5.3829	Fe8.9130	1.72414	Ft3.5595	Ft4.6005	1.21686
Fe2.12861	Fe3.14022	1.72391	Ft3.3236	Ft3.3892	1.21662
Fe1.12473	Fe8.10352	1.72385	Ft4.3621	Ft5.415	1.21656
Fe3.227	Fe4.14122	1.72378	Ft1.2249	Ft5.524	1.21635
Fe5.3761	Fe7.905	1.7234	Ft7.1068	Ft7.2948	1.2155
Fe1.9000	Fe5.3186	1.72338	Ft2.6524	Ft8.3725	1.21546
Fe2.946	Fe4.12730	1.72326	Ft7.3115	Ft7.4995	1.21522
Fe4.2137	Fe5.1700	1.72321	Ft1.1093	Ft7.4982	1.21491
Fe2.7896	Fe4.5498	1.72308	Ft2.3037	Ft4.3813	1.21483
Fe4.13709	Fe5.13422	1.72297	Ft2.2662	Ft3.146	1.21468
Fe3.708	Fe8.1764	1.72286	Ft4.1983	Ft8.746	1.21465
Fe1.1599	Fe1.14248	1.72274	Ft4.455	Ft8.283	1.21433
Fe5.505	Fe7.711	1.7227	Ft8.195	Ft8.5102	1.21429
Fe1.10538	Fe8.9935	1.72257	Ft2.4229	Ft2.6001	1.21391
Fe1.12095	Fe7.2644	1.72246	Ft7.4794	Ft7.5229	1.21368
Fe5.1454	Fe6.4552	1.7221	Ft5.2032	Ft7.3826	1.21361
Fe2.831	Fe3.10070	1.72203	Ft2.4055	Ft2.5843	1.21337
Fe2.9788	Fe4.2098	1.722	Ft2.688	Ft2.1817	1.2129
Fe6.3533	Fe6.6916	1.72194	Ft1.2154	Ft4.1894	1.21267
Fe6.1804	Fe7.601	1.72179	Ft5.1305	Ft5.2190	1.21255
Fe5.6968	Fe6.3114	1.7217	Ft2.2316	Ft7.1581	1.21253
Fe1.6842	Fe8.2018	1.72162	Ft3.5035	Ft8.1795	1.21209
Fe5.8230	Fe7.6232	1.72151	Ft4.18	Ft8.3878	1.21194
Fe2.13620	Fe2.14064	1.72146	Ft1.1774	Ft2.389	1.21182
Fe4.3833	Fe5.13049	1.72141	Ft4.2168	Ft4.6147	1.21179
Fe1.10516	Fe8.7086	1.72137	Ft2.419	Ft4.3895	1.21171
Fe2.7940	Fe8.10701	1.72111	Ft2.3716	Ft3.5411	1.21157
Fe6.2939	Fe7.4241	1.7211	Ft1.2913	Ft2.6487	1.21145
Fe3.13866	Fe3.14447	1.72103	Ft3.1398	Ft7.419	1.21141
Fe2.10301	Fe8.4076	1.72086	Ft4.109	Ft8.1476	1.21104
Fe3.13477	Fe6.2961	1.72085	Ft2.3668	Ft8.4616	1.21102
Fe3.10539	Fe6.7388	1.7208	Ft2.457	Ft4.3833	1.21092

Fe4.11440	Fe7.5043	1.7208	Ft2.4556	Ft2.5913	1.2107
Fe1.13310	Fe6.5180	1.72062	Ft2.3278	Ft3.4798	1.21069
Fe6.2323	Fe6.11758	1.72053	Ft1.373	Ft6.3256	1.21066
Fe2.13852	Fe2.14247	1.72039	Ft2.2468	Ft7.1800	1.21038
Fe1.6996	Fe2.2478	1.72038	Ft4.2097	Ft4.2484	1.20939
Fe3.8749	Fe4.5622	1.72018	Ft2.140	Ft4.4110	1.20919
Fe1.12246	Fe4.1989	1.72015	Ft2.411	Ft4.1690	1.20916
Fe2.7678	Fe4.11557	1.72015	Ft4.1984	Ft7.4915	1.20825
Fe5.1103	Fe8.1361	1.72015	Ft1.1054	Ft6.1199	1.20817
Fe3.364	Fe5.510	1.72011	Ft2.6273	Ft3.722	1.20795
Fe1.8722	Fe1.10081	1.72006	Ft4.2168	Ft4.4142	1.20791
Fe3.8922	Fe7.11598	1.72001	Ft4.6146	Ft7.2530	1.2074
Fe3.11785	Fe5.4056	1.71989	Ft4.5573	Ft8.5076	1.20727
Fe2.2135	Fe3.9792	1.71975	Ft2.5413	Ft4.5806	1.20639
Fe3.6800	Fe7.11598	1.71949	Ft2.6069	Ft8.4455	1.20597
Fe1.7942	Fe4.8126	1.71941	Ft1.2825	Ft6.1015	1.20596
Fe2.14066	Fe3.1831	1.71923	Ft2.5367	Ft4.722	1.20588
Fe1.2375	Fe1.14110	1.71922	Ft2.2543	Ft4.1939	1.20584
Fe1.2600	Fe6.9601	1.71921	Ft2.384	Ft7.4976	1.20579
Fe3.4331	Fe4.1968	1.71908	Ft1.2491	Ft6.1105	1.20563
Fe2.2560	Fe5.7786	1.71906	Ft1.594	Ft1.1234	1.20538
Fe2.52	Fe8.1363	1.71901	Ft2.1843	Ft8.3577	1.20518
Fe5.5663	Fe7.3812	1.71891	Ft2.3560	Ft3.5220	1.20509
Fe1.2279	Fe4.2940	1.71875	Ft2.6527	Ft4.208	1.20474
Fe2.4042	Fe7.11467	1.71872	Ft3.1520	Ft4.4940	1.20461
Fe2.12215	Fe6.2811	1.71861	Ft3.1020	Ft8.2733	1.20453
Fe2.13537	Fe5.13009	1.71845	Ft1.2488	Ft6.1104	1.20447
Fe4.12149	Fe6.11948	1.71837	Ft1.1950	Ft4.3551	1.20441
Fe5.302	Fe5.13641	1.71828	Ft2.2714	Ft2.3046	1.20416
Fe6.5336	Fe6.9985	1.71821	Ft4.4153	Ft8.3940	1.20413
Fe4.3970	Fe6.8013	1.71818	Ft2.1952	Ft7.2870	1.20407
Fe6.5826	Fe7.12315	1.71817	Ft3.2370	Ft7.2806	1.20407
Fe6.3028	Hic.scaffold.9.276	1.71802	Ft3.2066	Ft7.1402	1.20395
Fe6.3172	Hic.scaffold.9.229	1.7178	Ft1.640	Ft6.1168	1.20394
Fe4.8154	Fe6.5572	1.71757	Ft2.3786	Ft2.5367	1.20394
Fe4.10527	Fe7.6307	1.71744	Ft3.1380	Ft8.4561	1.20394
Fe2.2166	Fe4.855	1.71739	Ft3.1072	Ft4.3782	1.20356
Fe3.260	Fe8.11977	1.71729	Ft3.5595	Ft4.786	1.20345
Fe2.9805	Fe8.7379	1.71726	Ft1.1909	Ft4.1578	1.2033
Fe3.3089	Fe6.3457	1.71707	Ft4.2463	Ft4.3353	1.2033
Fe3.10462	Fe7.7223	1.71705	Ft2.1147	Ft2.2372	1.20261
Fe1.1917	Fe4.11826	1.71703	Ft7.3010	Ft8.3853	1.20219
Fe2.1642	Fe2.10726	1.71703	Ft2.1803	Ft7.2122	1.20211
Fe2.506	Fe3.2494	1.71694	Ft2.248	Ft3.879	1.20204
Fe3.10875	Fe5.2863	1.71691	Ft4.2081	Ft7.2935	1.20136
Fe3.13773	Fe8.4284	1.71687	Ft3.1426	Ft4.2636	1.20127
Fe5.11005	Fe8.11201	1.71673	Ft2.3679	Ft3.4639	1.20101
Fe1.14298	Fe3.2187	1.71667	Ft1.2288	Ft4.2118	1.20033
Fe3.6366	Fe5.7578	1.71661	Ft3.1881	Ft8.1284	1.2002
Fe6.2244	Fe6.11933	1.71654	Ft5.645	Ft5.2040	1.19998
Fe7.92	Fe7.3508	1.71654	Ft7.2938	Ft7.3952	1.19979
Fe1.2538	Fe1.5580	1.71649	Ft4.2934	Ft4.3813	1.19973
Fe2.7068	Fe3.12703	1.71643	Ft4.1779	Ft7.1007	1.19972
Fe2.844	Fe6.11750	1.71631	Ft1.2840	Ft5.416	1.19936
Fe2.7296	Fe3.12287	1.71609	Ft4.4631	Ft7.4798	1.19919

Fe2.11198	Fe3.13974	1.71596	Ft3.1654	Ft6.2029	1.19908
Fe1.300	Fe6.2044	1.71594	Ft2.4045	Ft8.307	1.19886
Fe4.8299	Fe5.10842	1.7158	Ft2.961	Ft3.430	1.19862
Fe5.494	Fe7.4422	1.71577	Ft2.4186	Ft3.5630	1.19844
Fe4.13684	Fe4.14180	1.71573	Ft3.1085	Ft4.3813	1.19797
Fe5.8842	Fe8.11606	1.7156	Ft4.2636	Ft8.2915	1.19795
Fe2.13825	Fe5.3703	1.71558	Ft2.1761	Ft3.2111	1.19794
Fe1.10901	Fe3.940	1.71547	Ft1.2782	Ft6.976	1.19793
Fe2.5992	Fe7.11555	1.71539	Ft3.3964	Ft8.4805	1.19789
Fe6.2195	Fe6.9640	1.71529	Ft3.20	Ft6.3536	1.19765
Fe2.10467	Fe7.3510	1.71526	Ft3.4678	Ft5.676	1.19764
Fe3.5763	Fe7.6855	1.71522	Ft2.1140	Ft3.4876	1.19756
Fe2.12810	Fe8.9117	1.71514	Ft2.4627	Ft4.2036	1.19719
Fe5.11325	Fe6.10929	1.71477	Ft2.3647	Ft5.2996	1.19705
Fe3.8712	Fe5.6173	1.71464	Ft2.1054	Ft8.40	1.19701
Fe1.2860	Fe8.8246	1.71461	Ft4.500	Ft5.110	1.19701
Fe4.13258	Fe7.3708	1.71448	Ft2.3286	Ft8.4052	1.19682
Fe4.5908	Fe7.4837	1.71436	Ft1.1669	Ft4.1189	1.19661
Fe6.3055	Hic.scaffold.10.28	1.71436	Ft2.5504	Ft6.1332	1.19621
Fe6.2347	Fe6.10682	1.71434	Ft2.6069	Ft6.871	1.19614
Fe2.11595	Fe3.768	1.7141	Ft4.132	Ft6.2357	1.19605
Fe6.2037	Fe7.2862	1.71394	Ft2.577	Ft5.448	1.19584
Fe7.3121	Fe7.5290	1.71391	Ft1.2751	Ft4.1068	1.1958
Fe3.6522	Fe4.11293	1.71381	Ft2.389	Ft5.387	1.19556
Fe4.1983	Fe7.6240	1.71381	Ft3.666	Ft7.4906	1.19538
Fe5.1563	Fe7.5241	1.7138	Ft4.313	Ft8.2612	1.19529
Fe3.6435	Fe7.8137	1.71379	Ft1.1434	Ft5.1997	1.19528
Fe1.14503	Fe3.1956	1.71359	Ft3.4201	Ft7.1599	1.19526
Fe4.10938	Fe6.7669	1.71357	Ft3.12	Ft6.3543	1.1951
Fe5.3854	Fe6.2491	1.71348	Ft3.1387	Ft7.2118	1.19461
Fe3.550	Fe5.12923	1.71339	Ft2.2270	Ft7.3478	1.19436
Fe6.2593	Fe6.3103	1.71339	Ft2.1296	Ft7.4371	1.19428
Fe1.7337	Fe7.3645	1.71309	Ft6.1952	Ft8.165	1.19414
Fe4.3924	Fe5.8827	1.71293	Ft5.1510	Ft8.4551	1.19404
Fe1.2538	Fe8.2530	1.71292	Ft1.1772	Ft4.3953	1.19393
Fe2.10887	Fe6.4313	1.71282	Ft4.4659	Ft7.4838	1.19393
Fe2.10887	Fe7.1118	1.71269	Ft2.5194	Ft8.1585	1.19359
Fe3.12708	Fe8.9488	1.71264	Ft3.4707	Ft5.677	1.19343
Fe8.10877	Hic.scaffold.9.768	1.7126	Ft2.1904	Ft7.1526	1.1934
Fe6.3582	Fe6.10824	1.71254	Ft2.2449	Ft7.3222	1.19327
Fe4.14121	Fe8.12104	1.71223	Ft2.4234	Ft3.5684	1.19325
Fe2.13040	Fe3.13840	1.71218	Ft2.5910	Ft3.1835	1.19286
Fe7.5554	Fe8.10719	1.71184	Ft3.3326	Ft8.4533	1.1928
Fe5.12195	Fe7.11525	1.71179	Ft5.2807	Ft7.2043	1.19268
Fe6.5477	Fe8.5493	1.71176	Ft5.2008	Ft7.5241	1.19207
Fe2.14152	Fe5.9135	1.71175	Ft2.3632	Ft4.5843	1.1919
Fe1.13989	Fe6.8410	1.71171	Ft2.3981	Ft2.5790	1.19179
Fe2.1346	Fe2.13829	1.71171	Ft6.1799	Ft7.1901	1.19158
Fe3.4672	Fe8.1583	1.71152	Ft3.2682	Ft7.1730	1.1914
Fe3.4473	Fe4.7953	1.71148	Ft1.2798	Ft4.1118	1.19032
Fe1.10153	Fe6.5336	1.7113	Ft2.2713	Ft7.3993	1.18979
Fe4.7968	Fe4.10224	1.71104	Ft3.4372	Ft8.798	1.18974
Fe2.13779	Fe8.11537	1.71101	Ft3.1247	Ft7.4952	1.18968
Fe4.2909	Fe8.10593	1.71087	Ft2.5918	Ft8.1305	1.18912
Fe1.10935	Fe4.10236	1.71083	Ft2.2927	Ft4.4153	1.18851

Fe3.285	Fe6.42	1.71081	Ft2.2323	Ft2.2984	1.18827
Fe4.6338	Fe8.4076	1.71072	Ft1.564	Ft6.1089	1.18819
Fe2.9987	Fe6.9777	1.71071	Ft3.1398	Ft8.3338	1.18751
Fe6.8422	Fe8.1619	1.71053	Ft1.1135	Ft2.2565	1.1875
Fe2.13221	Fe3.2511	1.7105	Ft1.322	Ft4.1048	1.1875
Fe6.11089	Fe7.4261	1.71041	Ft2.449	Ft8.1529	1.18747
Fe3.13574	Fe4.916	1.71021	Ft1.1578	Ft8.4075	1.18741
Fe4.3776	Fe7.3633	1.71014	Ft2.3826	Ft2.5156	1.18739
Fe1.8219	Fe8.678	1.70992	Ft5.1674	Ft7.3091	1.18716
Fe2.2722	Fe6.9342	1.70988	Ft7.3013	Ft8.4301	1.1871
Fe1.10773	Fe1.12259	1.70986	Ft1.550	Ft6.1080	1.18704
Fe3.598	Fe3.13978	1.70985	Ft2.4016	Ft3.5490	1.18698
Fe5.1668	Fe7.2526	1.7098	Ft4.5984	Ft8.4562	1.18683
Fe3.170	Fe7.1106	1.70975	Ft2.6069	Ft8.3712	1.18677
Fe3.3325	Fe4.9353	1.7097	Ft1.2387	Ft7.4741	1.18668
Fe6.5960	Fe8.10673	1.70965	Ft6.2083	Ft7.4995	1.18657
Fe4.14535	Fe8.9852	1.70908	Ft4.3813	Ft8.592	1.18637
Fe4.14166	Fe5.172	1.70872	Ft3.5211	Ft5.2986	1.18575
Fe2.2707	Fe5.10515	1.70871	Ft2.2618	Ft2.2856	1.18565
Fe1.7392	Fe4.9409	1.70865	Ft2.5370	Ft8.4599	1.18544
Fe8.8047	Fe8.9671	1.70864	Ft2.1865	Ft3.3226	1.18516
Fe3.7276	Fe5.6792	1.70833	Ft2.2359	Ft7.3399	1.18505
Fe5.10011	Fe6.9220	1.70832	Ft2.1949	Ft3.4681	1.18495
Fe5.7738	Fe7.11467	1.70821	Ft8.2915	Ft8.3940	1.18485
Fe1.10184	Fe4.3215	1.7082	Ft6.1044	Ft8.573	1.18436
Fe5.1567	Fe7.1118	1.7082	Ft2.2010	Ft2.4264	1.1842
Fe5.3982	Fe8.9125	1.70806	Ft4.2157	Ft7.3013	1.18416
Fe2.11533	Fe7.3090	1.70794	Ft7.5177	Ft8.3996	1.18388
Fe2.4948	Fe5.6051	1.70794	Ft2.6616	Ft4.6000	1.18373
Fe1.6842	Fe2.4154	1.70771	Ft4.5742	Ft8.4572	1.18371
Fe8.5951	Fe8.11466	1.70762	Ft7.2058	Ft8.1227	1.18368
Fe3.2173	Fe6.3361	1.70744	Ft5.200	Ft6.2072	1.1833
Fe6.3114	Fe6.5960	1.70717	Ft7.1879	Ft8.225	1.18324
Fe2.2560	Fe6.11588	1.70709	Ft2.2477	Ft8.3878	1.18313
Fe2.6440	Fe7.7526	1.70682	Ft2.4137	Ft5.2940	1.18302
Fe7.1690	Fe7.2619	1.7067	Ft2.3865	Ft2.5722	1.18269
Fe5.1143	Fe5.1700	1.70662	Ft6.3303	Ft7.2692	1.18192
Fe3.10462	Fe8.6984	1.70658	Ft7.3013	Ft8.3940	1.18167
Fe4.141	Fe6.843	1.70658	Ft4.1965	Ft7.1609	1.18116
Fe1.6690	Fe1.9872	1.70641	Ft2.4222	Ft7.4741	1.1811
Fe6.9526	Fe7.3633	1.7062	Ft3.2811	Ft7.2935	1.18003
Fe1.10943	Fe5.13060	1.70607	Ft2.3602	Ft4.5847	1.17995
Fe2.8362	Fe5.3829	1.70595	Ft7.887	Ft8.4455	1.17982
Fe4.12244	Fe7.4972	1.70576	Ft3.1085	Ft3.3512	1.17977
Fe2.468	Fe7.6653	1.70557	Ft2.6542	Ft7.2384	1.1796
Fe4.4041	Fe5.4722	1.70554	Ft6.690	Ft7.354	1.17941
Fe2.13879	Fe7.3791	1.7055	Ft2.4618	Ft2.5951	1.17936
Fe5.1515	Fe6.1724	1.70544	Ft1.2457	Ft6.1079	1.1792
Fe2.11006	Fe5.100	1.70535	Ft4.5650	Ft7.5177	1.17888
Fe2.5041	Fe3.6522	1.7053	Ft3.2821	Ft8.1885	1.17852
Fe4.14106	Fe6.506	1.70526	Ft1.507	Ft6.2547	1.17851
Fe6.3023	Fe6.7279	1.70521	Ft2.1803	Ft7.3754	1.17785
Fe2.1064	Fe3.13477	1.70517	Ft1.1834	Ft4.3789	1.17756
Fe1.14518	Fe5.9589	1.70492	Ft2.3589	Ft2.5473	1.17741
Fe7.4892	Fe8.3444	1.70486	Ft1.2016	Ft2.669	1.17739

Fe2.1368	Fe8.9851	1.70483	Ft3.666	Ft8.3478	1.17737
Fe4.10101	Fe7.3724	1.70482	Ft4.1059	Ft6.934	1.17676
Fe3.14322	Fe5.9244	1.70457	Ft2.3368	Ft2.5541	1.17667
Fe1.9979	Fe6.3470	1.70451	Ft1.1950	Ft2.611	1.17657
Fe2.7896	Fe7.8437	1.70449	Ft3.1520	Ft6.1480	1.17627
Fe6.11359	Fe7.6307	1.70438	Ft4.4128	Ft7.3754	1.17611
Fe1.1708	Fe2.3601	1.70412	Ft4.3548	Ft7.3013	1.17602
Fe2.12393	Fe5.12834	1.70405	Ft4.228	Ft8.3772	1.17579
Fe3.7276	Fe6.7709	1.70387	Ft7.776	Ft8.1313	1.17552
Fe2.8697	Fe8.7419	1.70376	Ft2.391	Ft5.388	1.17518
Fe4.524	Fe6.1691	1.70368	Ft2.411	Ft3.5091	1.17488
Fe2.12841	Fe7.546	1.70366	Ft4.5138	Ft5.623	1.17432
Fe4.6106	Fe5.9789	1.70356	Ft2.1833	Ft3.4236	1.17426
Fe4.14201	Fe8.434	1.70355	Ft8.3478	Ft8.5102	1.17424
Fe6.6011	Fe6.7084	1.70354	Ft1.2002	Ft4.1673	1.17376
Fe3.9804	Fe7.11567	1.70352	Ft4.458	Ft5.1643	1.1734
Fe4.8339	Fe7.11091	1.70306	Ft2.4410	Ft7.5109	1.17318
Fe1.9073	Fe7.6232	1.70288	Ft2.4283	Ft2.5936	1.1726
Fe3.11646	Fe6.11931	1.70226	Ft2.5394	Ft3.916	1.17235
Fe5.2950	Fe7.581	1.70224	Ft2.6228	Ft7.1591	1.1722
Fe2.6792	Fe8.10813	1.70214	Ft3.590	Ft6.1939	1.17216
Fe5.13129	Fe7.3791	1.70208	Ft1.1597	Ft8.2115	1.17211
Fe2.8015	Fe3.9259	1.70185	Ft7.475	Ft7.5134	1.17194
Fe7.932	Fe7.3593	1.70146	Ft4.2551	Ft6.1098	1.17174
Fe1.9512	Fe5.12660	1.70141	Ft1.562	Ft6.1083	1.17154
Fe1.7289	Fe6.10305	1.70114	Ft1.5	Ft6.1365	1.17125
Fe2.13798	Fe5.14464	1.70067	Ft6.1575	Ft7.4965	1.17121
Fe2.4744	Fe6.9003	1.7006	Ft4.163	Ft8.3678	1.17101
Fe1.1559	Fe8.9943	1.70058	Ft3.844	Ft4.4555	1.17082
Fe4.3961	Fe8.1703	1.70051	Ft4.4940	Ft6.871	1.1704
Fe2.11945	Fe8.2432	1.70013	Ft2.467	Ft4.4265	1.17028
Fe3.7896	Fe7.3385	1.7	Ft7.1859	Ft8.254	1.17022
Fe1.11892	Fe5.8322	1.69959	Ft2.3008	Ft3.5752	1.17018
Fe3.12398	Fe8.10684	1.69938	Ft2.499	Ft5.407	1.17016
Fe2.11727	Fe5.14175	1.69915	Ft1.1409	Ft7.2818	1.16997
Fe2.10855	Fe3.14092	1.69909	Ft4.1633	Ft5.452	1.16982
Fe3.4689	Fe3.7985	1.69898	Ft3.3934	Ft3.4162	1.1696
Fe3.46	Fe6.1201	1.69887	Ft2.3032	Ft8.4557	1.16928
Fe8.4178	Fe8.6488	1.69885	Ft2.1912	Ft3.4105	1.16921
Fe1.4017	Fe8.9315	1.69879	Ft5.2891	Ft7.4161	1.16908
Fe5.12377	Fe7.888	1.69872	Ft2.5874	Ft8.4392	1.1689
Fe4.8406	Fe5.10977	1.69866	Ft5.59	Ft6.292	1.16882
Fe1.5395	Fe6.9915	1.69861	Ft7.5134	Ft8.1920	1.16878
Fe3.14129	Fe7.1648	1.69858	Ft2.4176	Ft4.5749	1.16867
Fe4.8843	Fe5.12008	1.6985	Ft7.1269	Ft7.2190	1.16807
Fe1.12883	Fe8.10549	1.6983	Ft1.640	Ft5.1190	1.16776
Fe6.3944	Fe8.3889	1.69815	Ft4.2196	Ft7.2173	1.16773
Fe4.14393	Fe6.720	1.69797	Ft4.726	Ft7.5134	1.16758
Fe1.3620	Fe7.1224	1.69789	Ft2.4627	Ft3.1398	1.16748
Fe1.10459	Fe4.4910	1.69786	Ft5.2194	Ft7.3658	1.16742
Fe1.9047	Fe2.2590	1.69763	Ft2.1843	Ft2.4596	1.16737
Fe5.5617	Fe7.3857	1.69751	Ft1.550	Ft1.2459	1.1673
Fe2.3019	Fe7.4204	1.6975	Ft5.1957	Ft7.4485	1.16727
Fe1.13403	Fe3.8601	1.69728	Ft1.415	Ft6.996	1.16668
Fe1.7337	Fe4.3890	1.69723	Ft3.809	Ft6.3197	1.16642

Fe2.468	Fe2.11749	1.69705
Fe5.3933	Fe6.2593	1.69699
Fe1.2342	Fe1.6176	1.69695
Fe2.1029	Fe6.3064	1.69695
Fe1.5455	Fe6.9985	1.6969
Fe6.3096	Fe6.12269	1.69682
Fe4.11895	Fe7.11405	1.69673
Fe1.10723	Fe6.4154	1.69626
Fe2.6078	Fe4.4013	1.69626
Fe2.367	Hic.scaffold.11.302	1.69585
Fe2.8110	Fe2.11112	1.69553
Fe5.5936	Fe7.3121	1.6955
Fe4.6967	Fe5.6857	1.6954
Fe2.4922	Fe5.6857	1.69526
Hic.scaffold.10.93	Hic.scaffold.9.331	1.69508
Fe5.6028	Fe6.9640	1.69507
Fe5.8230	Fe7.10749	1.69504
Fe1.8797	Fe8.4538	1.695
Fe2.7803	Fe8.7673	1.69498
Fe1.12095	Fe3.10717	1.69487
Fe3.12016	Fe6.9369	1.69479
Fe5.1269	Fe7.310	1.69476
Fe7.3896	Fe8.10680	1.69472
Fe4.13409	Fe8.10998	1.6947
Fe5.2874	Fe6.7084	1.69466
Fe2.13754	Fe5.9331	1.69463
Fe3.3515	Fe6.5447	1.69438
Fe6.5447	Fe7.7422	1.69436
Fe3.1133	Fe5.14426	1.69422
Fe3.12342	Fe5.6556	1.69418
Fe4.14210	Hic.scaffold.13.221	1.69404
Fe3.12282	Fe5.14067	1.69401
Fe2.2520	Fe4.9370	1.69396
Fe5.4793	Fe6.9908	1.69376
Fe2.8334	Hic.scaffold.10.473	1.69365
Fe7.8345	Fe8.3523	1.69337
Fe3.12282	Hic.scaffold.9.200	1.6933
Fe3.8580	Fe4.11977	1.69329
Fe2.10277	Fe7.5914	1.69307
Fe1.9262	Fe2.4113	1.693
Fe4.3787	Fe7.6262	1.69289
Fe5.9789	Fe6.8429	1.69287
Fe6.10653	Fe6.11750	1.69274
Fe2.13711	Fe4.2563	1.69269
Fe1.10922	Fe2.1557	1.69263
Fe4.759	Fe7.1052	1.69249
Fe3.4286	Fe4.4108	1.69243
Fe2.957	Fe5.494	1.69241
Fe3.8903	Fe5.11015	1.69228
Fe1.9618	Fe3.7985	1.69224
Fe1.12032	Fe5.3257	1.69202
Fe3.8016	Fe5.2946	1.69186
Fe5.3703	Fe8.12024	1.69184
Fe2.11426	Fe6.9801	1.69178
Fe6.3270	Fe7.3967	1.69169

Ft2.5951	Ft3.4201	1.16607
Ft3.2860	Ft7.3844	1.16603
Ft2.2561	Ft2.6069	1.16577
Ft2.411	Ft6.1930	1.16517
Ft1.2456	Ft4.2606	1.16513
HiC_scaffold_5_2	iC_scaffold_5_39	1.16498
Ft2.3295	Ft8.4044	1.16469
Ft2.835	Ft7.1552	1.164
Ft2.668	Ft7.3289	1.16398
Ft2.4221	Ft2.6013	1.16393
Ft7.2446	Ft8.2961	1.16381
Ft6.1488	Ft8.1638	1.16372
Ft4.1919	Ft8.4237	1.1635
Ft1.317	Ft4.1036	1.16336
Ft2.840	Ft6.141	1.1631
Ft3.5749	Ft5.1510	1.163
Ft2.4146	Ft2.6051	1.16287
Ft4.523	Ft6.390	1.16277
Ft5.1619	Ft7.2949	1.16267
Ft2.5194	Ft8.1835	1.16243
Ft2.3380	Ft4.5915	1.16238
Ft2.3802	Ft2.5201	1.16228
Ft3.423	Ft8.1253	1.16212
Ft3.5568	Ft4.5769	1.16198
Ft3.781	Ft8.3006	1.16197
Ft2.5428	Ft3.5371	1.16182
Ft2.3092	Ft8.271	1.16171
Ft6.1939	Ft8.1835	1.16136
Ft2.1148	Ft2.2349	1.1613
Ft1.582	Ft1.2491	1.16088
Ft2.182	Ft8.1660	1.16078
Ft3.4980	Ft6.1480	1.16063
Ft2.1843	Ft3.385	1.16056
Ft2.5535	Ft8.3986	1.16037
Ft7.649	Ft7.1938	1.16024
Ft1.742	Ft5.2656	1.15989
Ft4.2074	Ft8.1260	1.15949
Ft7.1648	Ft8.741	1.15946
Ft2.6408	Ft3.826	1.15908
Ft3.1901	Ft7.1654	1.15904
Ft7.554	Ft8.1529	1.15877
Ft2.690	Ft8.2825	1.15839
Ft8.3502	Ft8.4301	1.15776
Ft2.311	Ft2.904	1.15771
Ft8.1638	Ft8.4852	1.15767
Ft2.922	Ft4.2056	1.15766
Ft2.4447	Ft8.1305	1.15732
Ft3.3458	Ft7.1669	1.15726
Ft4.283	Ft8.3635	1.15723
Ft2.5147	Ft8.1785	1.15675
Ft2.2624	Ft8.3394	1.15672
Ft7.400	Ft7.5272	1.15665
Ft3.694	Ft4.186	1.15607
Ft8.3566	Ft8.5100	1.15599
Ft3.1779	Ft8.3887	1.15596

Fe2.5175	Fe3.6983	1.69162
Fe3.13899	Fe8.8118	1.69152
Fe6.6672	Fe8.6506	1.6914
Fe3.8348	Fe7.1045	1.69134
Fe3.10216	Fe6.5872	1.69104
Fe2.10615	Fe7.1191	1.6909
Fe1.9047	Fe5.9630	1.69089
Fe4.6468	Fe5.9789	1.69089
Fe2.8650	Fe2.11328	1.69068
Fe6.897	Fe8.9926	1.69068
Fe5.1737	Fe8.9911	1.69059
Fe2.11204	Fe3.14318	1.69058
Fe1.1408	Fe7.5939	1.69046
Fe5.4150	Fe6.496	1.69024
Fe1.6135	Fe1.11818	1.69019
Fe3.12408	Fe5.13972	1.6901
Fe5.1770	Fe6.3719	1.68985
Fe3.3665	Fe4.2909	1.68976
Fe2.12803	Fe6.9588	1.68975
Fe3.7728	Fe6.5583	1.68974
Fe1.9872	Fe2.9284	1.68971
Fe3.13493	Fe5.10530	1.68961
Fe3.8509	Fe6.220	1.68935
Fe4.4918	Fe5.12791	1.68931
Fe2.9268	Fe8.11092	1.68909
Fe1.10177	Fe6.7602	1.68908
Fe2.232	Fe8.5926	1.68905
Fe1.6135	Fe3.6640	1.68897
Fe2.4886	Fe3.6640	1.68894
Fe2.5842	Fe4.5732	1.68888
Fe2.7625	Fe3.5182	1.68886
Fe4.1619	Fe8.10084	1.68881
Fe3.13827	Fe7.863	1.68879
Fe3.4136	Fe7.7146	1.68875
Fe2.2590	Fe5.8013	1.68871
Fe5.5148	Fe8.3178	1.6887
Fe2.13825	Fe4.14559	1.6884
Fe3.3006	Fe7.11868	1.6881
Fe2.11424	Fe3.6012	1.68796
Fe1.7669	Fe6.11876	1.68795
Fe1.10184	Fe8.10091	1.68787
Fe3.11864	Fe8.11803	1.68785
Fe4.1975	Fe8.10870	1.68768
Fe4.8633	Fe6.3361	1.68751
Fe3.8528	Fe4.5499	1.68736
Fe2.551	Fe4.11631	1.68725
Fe3.653	Fe4.718	1.68712
Fe7.9820	Fe8.1555	1.68706
Fe4.8049	Fe5.6472	1.68703
Fe2.678	Fe7.12868	1.68664
Fe2.14164	Fe5.9120	1.68651
Fe3.2932	Fe8.3400	1.68629
Fe3.2945	Fe8.3400	1.68629
Fe2.8807	Fe4.11364	1.68604
Fe1.2507	Fe2.10891	1.686
Ft1.392	Ft6.3259	1.15564
Ft1.664	Ft6.1188	1.15557
Ft7.2058	Ft8.1787	1.15534
Ft2.3797	Ft3.5476	1.15501
Ft2.6532	Ft8.3763	1.15464
Ft2.1761	Ft8.3996	1.15445
Ft3.4620	Ft6.743	1.15436
Ft4.5065	Ft8.1889	1.15432
Ft2.3147	Ft6.3062	1.15384
Ft4.4784	HiC.scaffold.5.392	1.15373
Ft3.2453	Ft6.236	1.15358
Ft3.833	Ft8.3044	1.15346
Ft5.875	Ft6.3681	1.15346
Ft2.5997	Ft4.5738	1.15344
Ft6.3011	Ft7.4649	1.15318
Ft3.765	Ft8.2998	1.15314
Ft1.536	Ft6.1076	1.15303
Ft2.901	Ft4.3024	1.15303
Ft2.5167	Ft4.104	1.15284
Ft2.6440	Ft8.271	1.15275
Ft1.323	Ft6.3243	1.15199
Ft3.4775	Ft5.714	1.15192
Ft3.3659	Ft7.3046	1.1519
Ft2.4543	Ft4.5677	1.15184
Ft1.1698	Ft4.4136	1.15174
Ft2.2064	Ft2.4353	1.15173
Ft4.4940	Ft7.3013	1.15165
Ft2.2391	Ft4.4320	1.15152
Ft4.3023	Ft7.1879	1.15151
Ft3.2881	Ft3.5569	1.15137
Ft1.2580	Ft4.853	1.15134
Ft2.2233	Ft8.679	1.15117
Ft3.1627	Ft8.327	1.15096
Ft2.833	Ft3.2516	1.15081
Ft6.251	Ft8.3715	1.15051
Ft1.2191	Ft4.1916	1.15033
Ft2.4190	Ft3.5639	1.15024
Ft1.2346	Ft7.951	1.14974
Ft2.5910	Ft7.1648	1.14973
Ft7.3029	Ft8.3856	1.14971
Ft4.308	Ft5.59	1.14937
Ft1.767	Ft5.2372	1.14932
Ft4.2142	Ft8.198	1.14908
Ft7.3478	Ft8.1821	1.14888
Ft2.3312	Ft8.4040	1.14869
Ft1.339	Ft6.937	1.14824
Ft1.349	Ft4.1064	1.14816
Ft1.1107	Ft2.4912	1.14815
Ft7.1209	Ft8.2613	1.14777
Ft5.1986	Ft7.397	1.14769
Ft3.1489	Ft4.458	1.14721
Ft4.2081	Ft7.3094	1.14714
Ft3.2035	Ft4.3929	1.1471
Ft4.4530	Ft5.2079	1.14709
Ft1.199	Ft4.913	1.14706

Fe3.3063	Fe6.3470	1.68592	Ft1.2756	Ft4.1061	1.14703
Fe1.2804	Fe6.4648	1.68577	Ft5.2133	Ft7.3718	1.14612
Fe6.10560	Fe8.7215	1.68569	Ft3.5681	Ft5.2916	1.14589
Fe3.3004	Fe4.3037	1.68535	Ft2.3206	Ft8.4131	1.14588
Fe5.11762	Fe7.2698	1.68532	Ft7.2474	Ft7.5068	1.14583
Fe3.9713	Fe5.7724	1.68527	Ft1.596	Ft4.2509	1.14538
Fe2.5041	Fe4.5133	1.68525	Ft3.2516	Ft4.814	1.14525
Fe4.14335	Fe6.753	1.6852	Ft2.2618	Ft3.2811	1.14521
Fe4.8875	Fe5.4722	1.68513	Ft5.249	Ft6.1947	1.1452
Fe4.3215	Fe5.6676	1.68489	Ft2.5508	Ft8.4044	1.14504
Fe3.5929	Fe5.9135	1.6847	Ft2.3030	Ft4.6004	1.14493
Fe3.11907	Fe4.5267	1.68468	Ft7.3454	Ft7.3943	1.14473
Fe5.1512	Fe7.644	1.68467	Ft2.1883	Ft4.5310	1.14399
Fe7.5261	Fe8.11699	1.68461	Ft8.195	Ft8.1885	1.14376
Fe2.1632	Fe6.1666	1.68456	Ft2.677	Ft4.3482	1.14374
Fe7.8655	Fe8.5493	1.68449	Ft4.198	Ft8.3733	1.14354
Fe1.10153	Fe7.13193	1.68445	Ft2.5556	Ft3.5065	1.14349
Fe5.11633	Fe8.8584	1.68445	Ft2.3037	Ft3.2953	1.14331
Fe4.14173	Fe7.3804	1.68444	Ft4.2383	Ft8.1638	1.14329
Fe4.828	Hic.scaffold.10.379	1.68442	Ft2.2270	Ft8.4852	1.14307
Fe1.12133	Fe4.9027	1.68436	Ft4.1938	Ft4.3813	1.14289
Fe7.3708	Fe7.6653	1.68434	Ft3.1676	Ft6.438	1.14213
Fe3.4758	Fe6.3110	1.68427	Ft5.1760	Ft8.2394	1.14207
Fe6.2247	Fe7.12868	1.68408	Ft2.6069	Ft8.1552	1.14201
Fe1.7583	Fe2.2722	1.6839	Ft4.459	Ft6.356	1.14199
Fe1.2597	Fe8.2555	1.6838	Ft3.913	Ft3.2029	1.14194
Fe4.5885	Fe8.3866	1.68372	HiC_scaffold_5_3	iC_scaffold_5_39	1.14168
Fe8.10587	Fe8.10878	1.68365	Ft4.667	Ft8.3577	1.14143
Fe4.438	Fe8.10901	1.6836	Ft2.3280	Ft5.574	1.14133
Fe6.3485	Fe8.7981	1.6836	Ft4.3386	Ft6.1782	1.14087
Fe4.13561	Fe8.7927	1.68352	Ft2.1024	Ft8.18	1.14068
Fe4.9693	Fe7.11335	1.68351	Ft5.2133	Ft7.4761	1.14038
Fe4.11244	Fe6.9915	1.68325	Ft2.4052	Ft2.5840	1.14029
Fe7.7415	Fe8.2923	1.68316	Ft7.3522	Ft8.105	1.14013
Fe2.1245	Fe8.884	1.68304	Ft3.254	Ft8.4478	1.14
Fe2.11594	Fe8.11192	1.68298	Ft8.121	Ft8.3621	1.14
Fe3.13366	Fe8.10238	1.68284	Ft3.224	Ft8.4453	1.13997
Fe5.7912	Fe8.6907	1.68277	Ft2.1891	Ft2.2485	1.13968
Fe4.2781	Fe5.13336	1.68243	Ft2.4519	Ft2.5938	1.13967
Fe2.1231	Fe6.1371	1.68238	Ft5.2005	Ft7.405	1.13918
Fe3.14451	Fe6.2269	1.68236	Ft2.2477	Ft4.1873	1.13917
Fe2.13777	Fe4.4760	1.68235	Ft1.1419	Ft7.2782	1.13904
Fe2.242	Fe2.13707	1.68223	Ft6.2180	Ft8.3329	1.13835
Fe5.10126	Fe7.528	1.68222	Ft2.3672	Ft3.5355	1.13831
Fe4.6124	Fe7.611	1.6822	Ft2.5918	Ft2.6069	1.13799
Fe3.968	Fe8.7414	1.68218	Ft2.5018	Ft8.543	1.13766
Fe1.6570	Fe6.6229	1.68212	Ft2.5516	Ft8.4026	1.13753
Fe3.5063	Fe7.6855	1.68212	Ft2.2713	Ft8.1649	1.13737
Fe6.1218	Fe7.1185	1.68211	Ft2.4264	Ft7.2362	1.13705
Fe1.7254	Fe5.6676	1.68165	Ft3.1835	Ft4.667	1.13696
Fe6.2352	Fe8.1018	1.68122	Ft2.226	Ft4.4189	1.13683
Fe1.10687	Fe2.4886	1.68065	Ft2.4618	Ft3.4484	1.13677
Fe5.67	Fe8.6753	1.68061	Ft2.1840	Ft7.297	1.13665
Fe2.14198	Fe4.2360	1.68053	Ft2.1054	Ft7.1669	1.13664
Fe1.2597	Fe6.6135	1.68045	Ft4.2983	Ft6.1866	1.1366

Fe1.3697	Fe2.2478	1.68027	Ft2.2561	Ft8.4301	1.13659
Fe4.1341	Fe4.3914	1.68025	Ft3.4638	Ft6.756	1.13657
Fe2.2478	Fe3.5457	1.68005	Ft2.5214	Ft3.1838	1.13634
Fe1.8219	Fe8.1397	1.67993	Ft3.853	Ft8.573	1.13586
Fe2.10469	Fe3.13648	1.67993	Ft1.2717	Ft4.1013	1.13575
Fe3.4249	Fe6.10332	1.67993	Ft3.5459	Ft8.4599	1.13549
Fe1.12740	Fe5.13030	1.67983	Ft4.2538	Ft6.1105	1.13549
Fe7.11689	Fe7.12718	1.67969	Ft2.671	Ft4.3548	1.13544
Fe3.8749	Fe8.3866	1.67964	Ft4.1926	Ft8.3522	1.13513
Fe1.10215	Fe4.807	1.67948	Ft2.2270	Ft2.2502	1.13506
Fe1.3576	Fe2.5882	1.67935	Ft2.4596	Ft7.4753	1.13497
Fe5.8322	Fe6.10778	1.67933	Ft4.1938	Ft7.253	1.13497
Fe7.6295	Fe8.4427	1.67924	Ft2.6009	Ft8.4573	1.13457
Fe7.3558	Fe7.11598	1.67919	Ft5.1996	Ft7.400	1.13439
Fe6.5745	Fe8.7960	1.67911	Ft1.263	Ft7.3595	1.13416
Fe5.6472	Fe8.7135	1.67889	Ft2.6020	Ft4.1216	1.13414
Fe4.8876	Fe7.6227	1.67881	Ft2.4223	Ft2.6009	1.13392
Fe5.13094	Fe8.6754	1.67872	Ft1.725	Ft6.1245	1.13347
Fe3.12068	Fe4.5622	1.67869	Ft3.4154	Ft4.2081	1.13342
Fe2.769	Fe5.14277	1.67863	Ft2.4562	Ft7.5203	1.13338
Fe2.2577	Fe3.7276	1.67859	Ft1.352	Ft4.1068	1.13231
Fe3.8681	Fe7.12965	1.67858	Ft2.3783	Ft3.5466	1.13221
Fe2.10984	Fe6.3499	1.67856	Ft3.1398	Ft4.4142	1.13211
Fe1.4413	Fe7.1451	1.67848	Ft1.2491	Ft4.2538	1.13171
Fe3.4931	Fe6.9342	1.67816	Ft2.1843	Ft7.4976	1.13112
Fe7.5014	Fe8.5108	1.67802	Ft2.922	Ft2.6440	1.13067
Fe2.2577	Fe6.5193	1.678	Ft3.5469	Ft8.254	1.13048
Fe5.2963	Fe7.4261	1.67793	Ft3.2753	Ft8.3577	1.13037
Fe1.10790	Fe4.12910	1.67775	Ft1.553	Ft4.2596	1.1303
Fe2.4346	Fe4.7846	1.67762	Ft2.449	Ft8.548	1.13027
Fe2.3204	Fe7.13040	1.67746	Ft6.3247	Ft7.3283	1.1302
Fe1.10245	Fe6.5364	1.6774	Ft2.4644	Ft4.2168	1.13019
Fe1.14019	Fe2.13794	1.67738	Ft4.1333	Ft5.389	1.13015
Fe1.2342	Fe4.11027	1.67738	Ft2.1829	Ft3.4642	1.12994
Fe2.11243	Fe7.4446	1.67737	Ft2.5936	Ft7.1373	1.12981
Fe4.8207	Fe6.9599	1.67729	Ft2.384	Ft7.1269	1.12967
Fe3.8580	Fe8.2864	1.67682	Ft2.5310	Ft5.962	1.12938
Fe4.13981	Fe5.3356	1.67681	Ft3.1353	Ft8.225	1.12932
Fe2.478	Fe2.1312	1.67656	Ft2.2951	Ft2.6570	1.12846
Fe4.9156	Fe8.9150	1.67652	Ft2.1024	Ft4.1717	1.12842
Fe3.9933	Fe7.12137	1.67643	Ft7.887	Ft8.4310	1.1283
Fe3.4956	Fe7.5528	1.67596	Ft7.1086	Ft8.3281	1.12826
Fe8.8117	Fe8.10392	1.6758	Ft2.5102	Ft4.5227	1.12811
Fe6.720	Fe7.5914	1.67565	Ft2.5847	Ft4.4341	1.12752
Fe2.2207	Fe7.6232	1.67556	Ft2.5917	Ft7.1632	1.12747
Fe4.5267	Fe8.660	1.67554	Ft3.2811	Ft4.2972	1.12716
Fe2.4154	Fe7.11455	1.6755	Ft4.3234	Ft7.1630	1.12712
Fe2.10402	Fe3.13574	1.67548	Ft2.3292	Ft5.567	1.12698
Fe1.3197	Fe3.1379	1.67544	Ft2.6594	Ft4.6242	1.12681
Fe4.1553	Fe8.7136	1.67536	Ft3.1906	Ft7.4798	1.12662
Fe3.8580	Fe3.9249	1.6751	Ft3.2803	Ft5.650	1.12609
Fe3.3515	Fe3.5457	1.67507	Ft1.125	Ft2.4764	1.12592
Fe2.12681	Fe4.4656	1.67502	Ft2.5263	Ft4.4922	1.12584
Fe7.439	Fe8.10696	1.67496	Ft2.2286	Ft8.3971	1.12575
Fe1.2538	Fe4.11027	1.67488	Ft1.2614	Ft6.72	1.12521

Fe1.14539	Fe5.9753	1.67477
Fe3.43	Fe8.3547	1.67475
Fe3.3004	Fe3.9125	1.67469
Fe2.2560	Fe6.10049	1.67461
Fe4.13716	Fe4.14215	1.67444
Fe5.10211	Fe7.505	1.67436
Fe4.11557	Fe8.2555	1.67432
Fe2.9746	Fe8.10929	1.67417
Fe1.8898	Fe3.9659	1.67411
Fe2.4406	Fe2.5041	1.67409
Fe5.5444	Fe6.6908	1.67409
Fe2.2207	Fe7.3633	1.6738
Fe6.4590	Fe6.6317	1.67379
Fe5.1827	Hic.scaffold.10.456	1.67367
Fe1.11196	Fe3.13375	1.67357
Fe7.11335	Fe7.13193	1.67341
Fe3.3116	Fe4.144	1.67334
Fe3.8042	Fe7.2589	1.67331
Fe4.14485	Fe7.1106	1.67329
Fe7.7244	Fe7.12989	1.67315
Fe5.2705	Fe8.9687	1.67309
Fe3.12068	Fe4.5908	1.67296
Fe2.12000	Fe3.12012	1.67267
Fe1.12738	Fe1.12987	1.67252
Fe5.1872	Fe7.1078	1.67222
Fe4.8333	Fe5.11639	1.67219
Fe4.5622	Fe7.11459	1.67207
Fe1.927	Fe6.9814	1.67175
Fe2.11621	Fe6.11952	1.67158
Fe6.9959	Fe6.10760	1.67158
Fe2.13496	Hic.scaffold.10.244	1.67154
Fe2.10223	Fe8.9539	1.67145
Fe1.9425	Fe4.6106	1.67137
Fe4.6031	Fe7.3716	1.67118
Fe4.6106	Fe5.3854	1.67113
Fe4.14528	Hic.scaffold.13.157	1.67099
Fe1.7165	Fe5.11041	1.67096
Fe3.5763	Fe5.4056	1.67096
Fe3.3797	Fe8.10028	1.67088
Fe7.6307	Fe7.12923	1.67087
Fe2.10318	Fe5.3553	1.67062
Fe1.3662	Fe6.6006	1.67056
Fe2.13366	Fe6.4252	1.67033
Fe3.4711	Fe5.3102	1.6703
Fe3.4065	Fe7.12784	1.67006
Fe2.2364	Fe4.1033	1.6695
Fe1.14254	Fe4.1625	1.66947
Fe2.905	Hic.scaffold.9.645	1.66946
Fe5.2769	Fe6.11616	1.66941
Fe1.2251	Fe2.478	1.6692
Fe4.11769	Fe6.3960	1.66915
Fe5.9756	Fe8.11431	1.66905
Fe1.5078	Fe7.2665	1.6689
Fe1.8925	Fe6.7711	1.66868
Fe2.13874	Fe3.793	1.66857
Ft3.4484	Ft7.2956	1.12498
Ft4.3620	Ft5.416	1.12486
Ft2.1285	Ft6.719	1.12466
Ft4.1120	Ft6.2232	1.12451
Ft2.6117	Ft3.136	1.12418
Ft4.6042	Ft8.4523	1.12383
Ft5.1129	Ft7.3435	1.12381
Ft1.1929	Ft4.1588	1.1238
Ft3.5380	Ft8.4619	1.12377
Ft1.1276	Ft8.474	1.12368
Ft3.2860	Ft5.617	1.12362
Ft2.3466	Ft2.5674	1.1236
Ft6.3269	Ft7.2474	1.12359
Ft5.1837	Ft7.5292	1.12358
Ft3.1060	Ft4.5472	1.12348
Ft2.4644	Ft7.887	1.12332
Ft2.393	Ft8.573	1.12277
Ft6.347	Ft8.283	1.12269
Ft2.4661	Ft4.4545	1.12266
Ft2.4525	Ft2.5910	1.12222
Ft2.3385	Ft3.2655	1.1222
HiC_scaffold_5_2	iC_scaffold_5_26	1.12195
Ft3.3123	Ft7.1361	1.12186
Ft3.2881	Ft3.5490	1.12167
Ft5.246	Ft6.1953	1.1214
Ft3.1398	Ft8.2888	1.12133
Ft2.4120	Ft2.4317	1.12121
Ft2.3037	Ft7.625	1.12067
Ft7.2173	Ft8.1662	1.12015
Ft3.5490	Ft6.3269	1.12014
Ft3.645	Ft8.2861	1.12009
Ft7.1068	Ft8.1227	1.12009
Ft7.4697	Ft8.3294	1.11956
Ft7.625	Ft7.1702	1.11921
Ft4.2036	Ft7.3013	1.11893
Ft1.2863	Ft2.587	1.11884
Ft1.1695	Ft2.161	1.11854
Ft1.596	Ft1.2497	1.11842
Ft2.5445	Ft3.1398	1.11824
Ft7.1384	Ft8.2915	1.11824
Ft3.4980	Ft4.1153	1.11812
Ft1.2805	Ft6.997	1.11782
Ft2.3466	Ft4.5893	1.11775
Ft2.3806	Ft2.5355	1.11755
Ft2.3359	Ft2.5527	1.11754
Ft1.1978	Ft4.1647	1.11714
Ft2.3046	Ft2.6594	1.11692
Ft2.1843	Ft7.3993	1.11669
Ft3.606	Ft8.2902	1.11669
Ft2.4741	Ft6.1552	1.11665
Ft1.1825	Ft4.3810	1.11585
Ft4.3058	Ft5.2781	1.11578
Ft2.6284	Ft4.4982	1.11567
Ft2.5910	Ft3.590	1.11556
Ft4.3408	Ft5.2818	1.11555

Fe3.5642	Fe3.9225	1.66846	Ft2.1875	Ft6.768	1.11521
Fe2.11855	Fe5.14244	1.66802	Ft2.6273	Ft4.4153	1.11519
Fe1.13115	Fe7.1052	1.6679	Ft4.4788	HiC.scaffold.5.174	1.11518
Fe3.3064	Fe4.159	1.66783	Ft2.5214	Ft8.5102	1.11499
Fe7.6069	Fe7.11555	1.66761	Ft2.1484	Ft4.4319	1.11496
Fe1.9522	Fe6.11241	1.66754	Ft2.4093	Ft3.2884	1.1149
Fe4.1687	Fe4.11874	1.6675	Ft4.4320	Ft7.5068	1.11488
Fe1.12063	Fe3.5975	1.66749	Ft1.1986	Ft4.3502	1.11475
Fe5.6093	Fe7.3250	1.66748	Ft6.3385	Ft8.1042	1.1147
Fe1.9618	Fe6.11179	1.66738	Ft1.2684	Ft6.6	1.11464
Fe2.10952	Fe3.2410	1.66734	Ft2.827	Ft4.3171	1.11449
Fe4.13377	Fe6.5390	1.66731	Ft3.80	Ft6.2119	1.11426
Fe3.4401	Fe6.9837	1.66718	Ft3.591	Ft8.1253	1.11403
Fe1.13969	Fe4.11289	1.667	Ft2.840	Ft8.225	1.11377
Fe7.6390	Fe7.13040	1.66696	Ft3.666	Ft4.2850	1.11268
Fe4.11554	Fe6.6275	1.66666	Ft7.1879	Ft8.3577	1.11253
Fe6.3350	Fe7.7135	1.66662	Ft4.1984	Ft7.3278	1.11245
Fe7.5994	Fe8.7135	1.66647	Ft2.2714	Ft3.1072	1.11242
Fe4.9484	Fe5.9630	1.66646	Ft4.303	Ft6.290	1.1124
Fe6.11384	Fe7.3560	1.66642	Ft2.2984	Ft3.5766	1.11239
Fe5.9722	Fe8.5036	1.66634	Ft1.2387	Ft4.667	1.11208
Fe1.4841	Fe6.7279	1.6662	Ft4.4897	Ft8.2020	1.11204
Fe1.3335	Fe6.9419	1.66614	Ft2.6408	Ft3.590	1.11201
Fe3.11886	Fe4.655	1.66584	Ft2.2391	Ft3.5490	1.11162
Fe2.11028	Fe2.14276	1.66583	Ft8.1253	Ft8.2035	1.11161
Fe1.9875	Fe2.3415	1.66539	Ft3.2973	Ft8.225	1.11127
Fe1.12619	Fe3.13438	1.66537	Ft2.3243	Ft2.5341	1.11105
Fe3.10311	Fe4.5803	1.66493	Ft2.4840	Ft7.4776	1.11045
Fe2.2583	Fe2.14067	1.66475	Ft2.3109	Ft4.5975	1.11034
Fe2.5041	Fe6.5336	1.66448	Ft4.6153	Ft6.1640	1.11019
Fe1.10184	Fe3.2864	1.66384	Ft4.4142	Ft7.3094	1.11006
Fe4.1977	Fe8.11475	1.6637	Ft3.2973	Ft4.753	1.1098
Fe1.9073	Fe6.6339	1.66364	Ft3.1353	Ft4.4940	1.10972
Fe3.6095	Fe3.9411	1.66323	Ft5.2849	Ft7.4276	1.10955
Fe2.2682	Fe5.13392	1.66315	Ft2.5581	Ft3.5095	1.10947
Fe5.3007	Fe7.148	1.66286	Ft2.2504	Ft4.857	1.10937
Fe1.10069	Fe4.12498	1.66277	Ft7.1105	Ft7.3164	1.10929
Fe3.9114	Fe7.11078	1.66265	Ft2.2501	Ft2.3204	1.10908
Fe3.6522	Fe8.1641	1.66237	Ft2.389	Ft4.1347	1.10888
Fe2.12887	Fe5.3102	1.66232	Ft3.5516	Ft8.3878	1.1087
Fe6.12004	Fe7.10199	1.66223	Ft4.2636	Ft4.3782	1.1086
Fe5.10625	Fe7.11034	1.66212	Ft1.1272	Ft2.4992	1.10853
Fe1.1765	Fe7.12718	1.66206	Ft3.1929	Ft7.1749	1.10793
Fe5.12606	Fe7.59	1.66196	Ft4.3391	Ft4.4536	1.10759
Fe1.1216	Fe2.362	1.6617	Ft4.2174	Ft7.3027	1.10748
Fe1.14027	Fe3.421	1.66164	Ft3.1300	Ft7.1105	1.10717
Fe1.4522	Fe4.1700	1.66152	Ft4.3753	Ft8.726	1.10703
Fe3.1058	Fe4.13044	1.66146	Ft7.810	Ft7.5286	1.10682
Fe1.14079	Fe3.9126	1.66129	Ft2.3037	Ft7.2058	1.10673
Fe1.2679	Fe7.11405	1.66097	Ft2.6408	Ft8.1695	1.1065
Fe4.11940	Fe6.3749	1.66086	Ft3.3716	Ft7.1005	1.10612
Fe1.9273	Fe8.9147	1.66085	Ft2.1015	Ft2.4637	1.10593
Fe7.1646	Fe8.10597	1.66081	Ft2.2808	Ft8.1695	1.1059
Fe6.9654	Fe8.5465	1.66073	Ft1.1776	Ft4.1333	1.10561
Fe1.9887	Fe4.1166	1.66063	Ft2.205	Ft4.5476	1.10555

Fe4.2919	Fe7.672	1.66063	Ft2.2502	Ft8.4793	1.10522
Fe5.2999	Fe8.10084	1.66061	Ft3.989	Ft8.4843	1.10513
Fe2.11423	Fe8.2780	1.66043	Ft2.6036	Ft4.5745	1.10507
Fe2.1149	Fe7.8473	1.66039	Ft2.4317	Ft7.2377	1.10492
Fe2.8511	Fe7.11687	1.65969	Ft2.1334	Ft3.3338	1.10449
Fe7.1118	Fe8.10696	1.65968	Ft4.914	Ft8.2915	1.10448
Fe2.11360	Fe7.4060	1.65967	Ft2.2169	Ft2.2277	1.10414
Fe2.7644	Fe4.2989	1.65957	Ft4.4149	Ft8.1656	1.10377
Fe1.11848	Fe3.6127	1.65952	Ft7.1648	Ft7.3912	1.10376
Fe4.10335	Fe8.3101	1.65942	Ft4.4577	Ft5.2027	1.10348
Fe3.3515	Fe6.9306	1.6594	Ft3.5029	Ft7.4875	1.10319
Fe2.12179	Fe7.745	1.65928	Ft2.2160	Ft6.2630	1.10316
Fe3.2943	Fe5.8632	1.65907	Ft1.655	Ft6.1180	1.10312
Fe1.1631	Fe6.3711	1.65906	Ft3.829	Ft6.3205	1.10295
Fe4.12214	Fe8.9434	1.659	Ft2.6040	Ft3.5639	1.10285
Fe2.1094	Fe5.2064	1.65888	Ft7.1814	Ft7.5129	1.10273
Fe3.723	Fe3.14589	1.65867	Ft6.3269	Ft7.4952	1.10227
Fe1.7165	Fe4.5602	1.65864	Ft3.1838	Ft4.2168	1.10223
Fe2.11907	Fe4.664	1.65863	Ft4.5574	Ft8.5077	1.10222
Fe3.7105	Fe6.5477	1.65853	Ft3.5015	Ft4.2851	1.10205
Fe2.8697	Fe7.3967	1.65851	Ft7.482	Ft8.3370	1.10176
Fe3.12229	Fe5.8379	1.65851	Ft2.3456	Ft3.5118	1.1016
Fe1.6588	Fe4.10483	1.65842	Ft4.667	Ft6.974	1.10151
Fe3.5420	Fe7.11335	1.65823	Ft1.2412	Ft2.3985	1.10096
Fe5.7386	Fe6.4772	1.65823	Ft1.258	Ft1.2697	1.10094
Fe3.4793	Fe8.4178	1.65822	Ft2.1334	Ft7.4340	1.10083
Fe1.1625	Fe1.14242	1.65811	Ft3.3149	Ft7.1380	1.10054
Fe6.5048	Fe8.8406	1.65808	Ft1.301	Ft6.886	1.1005
Fe3.975	Fe4.2026	1.65807	Ft5.38	Ft6.241	1.10031
Fe4.878	Fe8.10889	1.65806	Ft1.14	Ft6.1386	1.10023
Fe1.1485	Fe6.1654	1.65793	Ft2.5951	Ft8.1529	1.10008
Fe2.7959	Fe3.2994	1.65788	Ft3.3474	Ft8.1260	1.10002
Fe4.3970	Fe7.9788	1.65777	Ft7.887	Ft8.3294	1.09974
Fe3.2994	Fe6.11441	1.65774	Ft1.1981	Ft5.462	1.0995
Fe5.10977	Fe6.11417	1.65758	Ft2.411	Ft2.3092	1.09949
Fe1.10100	Fe4.863	1.65755	Ft3.5149	Ft8.1815	1.09941
Fe4.5885	Fe6.5193	1.657	Ft3.1398	Ft7.4781	1.09936
Fe3.13514	Fe7.1095	1.65685	Ft1.279	Ft6.867	1.09902
Fe2.10601	Fe4.9661	1.65679	Ft2.2714	Ft2.4618	1.09898
Fe5.10636	Fe6.3103	1.65654	Ft2.5641	Ft3.592	1.09814
Fe3.9816	Fe5.7376	1.65652	Ft5.615	Ft7.3847	1.0981
Fe2.11658	Fe4.2669	1.65642	Ft4.4283	Ft8.2353	1.09783
Fe4.3776	Fe8.834	1.6563	Ft1.1787	Ft4.1313	1.09743
Fe1.9512	Fe5.8839	1.65616	Ft1.2013	Ft2.667	1.09713
Fe1.7583	Fe8.4593	1.65578	Ft4.853	Ft7.3378	1.09711
Fe5.10842	Fe7.3558	1.65547	Ft2.662	Ft4.1690	1.09694
Fe4.13816	Hic.scaffold.10.403	1.65544	Ft4.558	Ft5.119	1.0962
Fe3.1756	Fe5.2878	1.65534	Ft3.2056	Ft7.3478	1.09605
Fe3.6640	Fe6.6668	1.6553	Ft5.1925	Ft7.4564	1.09603
Fe3.9713	Fe7.11459	1.6553	Ft3.2614	Ft6.2528	1.09598
Fe4.1747	Fe4.6309	1.65517	Ft1.2385	Ft4.5476	1.09574
Fe1.12095	Fe8.581	1.65505	Ft2.157	Ft3.1386	1.0955
Fe2.2577	Fe5.6792	1.65501	Ft3.673	Ft8.2838	1.09547
Fe2.1708	Fe4.691	1.65465	Ft2.2837	Ft3.797	1.09542
Fe1.10538	Fe4.686	1.65449	Ft1.419	Ft6.997	1.09449

Fe3.4689	Fe3.12327	1.65444
Fe4.9602	Fe7.1676	1.6544
Fe1.5349	Fe5.9078	1.65438
Fe2.8365	Fe5.9656	1.65427
Fe3.9030	Fe6.5364	1.6542
Fe4.11294	Fe6.2600	1.65394
Fe1.8219	Fe5.8912	1.65385
Fe2.1410	Fe5.9148	1.65379
Fe2.13791	Fe5.9145	1.6536
Fe2.2722	Fe4.9661	1.65356
Fe2.10223	Fe2.12302	1.65347
Fe1.5717	Fe4.9693	1.65323
Fe3.12324	Fe5.13989	1.65311
Fe6.748	Fe8.10637	1.6531
Fe1.10052	Fe3.4583	1.65309
Fe4.9515	Fe6.9419	1.65305
Fe2.10254	Fe4.6031	1.65297
Fe3.4697	Fe6.6129	1.65295
Fe6.3899	Fe8.1722	1.65289
Fe4.828	Hic.scaffold.10.425	1.65259
Fe1.5035	Fe7.1678	1.65251
Fe4.10186	Fe8.4415	1.65239
Fe7.3633	Fe7.6703	1.65239
Fe2.1924	Fe4.12719	1.65234
Fe3.14166	Fe5.9086	1.65227
Fe6.2269	Fe6.10643	1.65223
Fe2.8187	Fe2.12734	1.65219
Fe6.3170	Fe7.464	1.65203
Fe4.188	Fe7.11946	1.65193
Fe2.2827	Fe3.12173	1.65175
Fe2.13764	Fe4.13530	1.65172
Fe1.3335	Fe3.6522	1.6517
Fe3.123	Fe8.12118	1.65168
Fe2.14069	Fe8.11301	1.65149
Fe7.12784	Fe8.6488	1.65149
Fe3.9294	Fe6.7547	1.65132
Fe3.12000	Fe6.3708	1.65131
Fe3.5622	Fe3.14022	1.65127
Fe2.13798	Hic.scaffold.9.322	1.65113
Fe1.682	Fe6.2665	1.65112
Fe2.11629	Fe8.11208	1.65109
Fe2.10134	Fe6.3100	1.65106
Fe4.9493	Fe6.10261	1.65077
Fe1.7583	Fe5.6198	1.65075
Fe3.3295	Fe6.3704	1.65061
Fe3.8899	Fe4.9652	1.65046
Fe4.6338	Fe7.6018	1.65045
Fe2.2590	Fe8.1641	1.6504
Fe2.3322	Fe5.4049	1.65036
Fe6.784	Fe8.10849	1.65023
Fe1.509	Fe5.13606	1.65015
Fe1.10099	Fe2.8594	1.65009
Fe6.5706	Fe7.6816	1.65008
Fe5.12589	Fe7.54	1.65007
Fe4.594	Fe4.12843	1.6498
Ft7.2281	Ft8.62	1.09449
Ft4.5842	Ft8.2888	1.09437
Ft7.1645	Ft7.1775	1.09434
Ft3.897	Ft8.765	1.09375
Ft3.661	Ft8.2855	1.09347
Ft3.826	Ft8.2081	1.0933
Ft1.295	Ft6.877	1.09318
Ft4.667	Ft7.1879	1.09303
Ft2.5675	Ft4.5890	1.09271
Ft2.3347	Ft2.6469	1.09262
Ft1.383	Ft4.1107	1.09221
Ft2.5979	Ft8.4260	1.09213
Ft2.3037	Ft8.1638	1.09211
Ft2.5405	Ft3.5408	1.09208
Ft2.2984	Ft2.5910	1.09207
Ft2.1054	Ft3.1835	1.09172
Ft4.4573	Ft7.2655	1.0916
Ft3.3226	Ft7.3094	1.09159
Ft2.199	Ft4.4573	1.09147
Ft7.476	Ft7.2948	1.09119
Ft3.4076	Ft8.1585	1.09091
HiC_scaffold_5_HiC_scaffold_5_21		1.09073
Ft2.2997	Ft4.6027	1.09072
Ft3.826	Ft4.6168	1.09063
Ft8.1552	Ft8.2565	1.0905
Ft2.5385	Ft4.5842	1.09042
Ft7.1879	Ft8.632	1.09035
Ft7.2335	Ft8.522	1.0899
Ft2.4596	Ft4.2570	1.08971
Ft2.1616	Ft2.2042	1.08899
Ft2.1739	Ft7.3445	1.08891
Ft6.1985	Ft8.146	1.08891
Ft2.6408	Ft7.3454	1.08866
Ft3.2056	Ft4.1919	1.08838
Ft1.1	Ft6.1360	1.08831
Ft3.3226	Ft7.3993	1.0881
Ft2.3287	Ft2.5499	1.08787
Ft4.5049	Ft8.1904	1.08782
Ft2.3924	Ft2.5762	1.08775
Ft4.6242	Ft7.1599	1.08753
Ft2.1724	Ft3.4276	1.08691
Ft4.1938	Ft8.3533	1.08685
Ft4.2135	Ft8.1253	1.08684
Ft2.1722	Ft6.730	1.08624
Ft4.5409	Ft7.4906	1.08605
Ft2.1761	Ft2.5951	1.08596
Ft5.1684	Ft7.3097	1.08579
Ft4.2178	Ft8.5212	1.08576
Ft3.1986	Ft8.3281	1.08561
Ft3.698	Ft8.2819	1.08544
HiC_scaffold_5_HiC_scaffold_5_18		1.08531
Ft1.2022	Ft5.467	1.08523
Ft3.1247	Ft3.5569	1.08509
Ft7.2474	Ft8.225	1.08496
Ft1.779	Ft2.6221	1.08474

Fe7.6232	Fe8.834	1.64962	Ft4.2196	Ft8.2601	1.08443
Fe2.11585	Fe8.11174	1.64958	Ft2.2172	Ft8.3894	1.08419
Fe1.3662	Fe4.8568	1.64949	Ft5.1926	Ft7.4563	1.08414
Fe2.3048	Fe8.8047	1.64934	Ft3.1907	Ft7.1676	1.08409
Fe2.1417	Fe8.9889	1.64933	Ft5.749	Ft8.4186	1.08409
Fe4.13574	Fe8.12204	1.64927	Ft6.1685	Ft7.1879	1.08409
Fe1.14122	Fe5.13129	1.64884	Ft4.6138	Ft6.1641	1.08391
Fe3.5480	Fe6.1077	1.64884	Ft1.478	Ft6.1036	1.08384
Fe5.8757	Fe7.1094	1.64873	Ft1.2691	Ft6.850	1.08381
Fe1.14375	Fe3.2121	1.6486	Ft2.1071	Ft3.4710	1.08351
Fe5.7578	Fe7.3633	1.64859	Ft2.4318	Ft4.4626	1.08276
Fe3.981	Fe5.2888	1.64849	Ft4.5585	Ft8.5086	1.0827
Fe7.434	Fe7.1648	1.64847	Ft3.2056	Ft3.3512	1.08252
Fe4.5969	Fe7.11405	1.64838	Ft4.5393	Ft4.6233	1.08252
Fe8.1361	Fe8.4998	1.64829	Ft7.1623	Ft8.1762	1.08251
Fe3.3093	Fe6.8490	1.64824	Ft6.1051	Ft7.377	1.08244
Fe2.8056	Fe8.10748	1.64823	Ft1.691	Ft6.1223	1.08229
Fe4.11774	Fe8.878	1.64818	Ft2.1883	Ft7.5134	1.08182
Fe4.3420	Fe5.12224	1.64811	Ft4.4039	Ft6.3277	1.08179
Fe4.5551	Fe7.4932	1.64794	Ft3.1986	Ft8.3007	1.08177
Fe2.8610	Fe2.12835	1.64758	Ft4.2168	Ft8.3281	1.08131
Fe2.1422	Fe4.13076	1.64754	Ft7.3013	Ft8.548	1.08128
Fe5.9802	Fe6.9419	1.64732	Ft4.5066	Ft8.1886	1.08114
Fe1.14551	Fe4.1887	1.64729	Ft6.1428	Ft8.1684	1.08114
Fe1.289	Fe2.14312	1.64703	Ft3.2811	Ft7.3115	1.08107
Fe6.9985	Fe7.7153	1.64702	Ft3.1353	Ft6.1480	1.081
Fe4.8568	Fe5.4436	1.64697	Ft4.2056	Ft8.492	1.0809
Fe7.8686	Fe8.5568	1.64695	Ft5.1866	Ft7.5319	1.08052
Fe3.3348	Fe4.9484	1.64694	Ft7.1623	Ft8.3306	1.08031
Fe2.7896	Fe4.11697	1.64672	Ft4.135	Ft6.2378	1.08027
Fe4.4599	Fe6.3528	1.64655	Ft7.1648	Ft8.1724	1.08012
Fe2.13260	Hic.scaffold.9.270	1.64644	Ft4.948	Ft6.22	1.08001
Fe2.2560	Fe3.6690	1.64644	Ft4.1873	Ft6.1044	1.07999
Fe7.166	Fe8.8333	1.6461	Ft2.2465	Ft7.992	1.07983
Fe4.11443	Fe7.11078	1.64605	Ft2.4509	Ft2.5639	1.07977
Fe8.787	Fe8.11953	1.64595	Ft5.242	Ft6.1980	1.07939
Fe3.12068	Fe6.2195	1.64564	Ft2.4751	Ft4.4340	1.07928
Fe3.9797	Fe6.11109	1.64562	Ft4.2570	Ft8.2888	1.07923
Fe1.13377	Fe3.14022	1.64549	Ft3.1380	Ft4.5348	1.0792
Fe2.11198	Fe6.11694	1.64544	Ft4.5650	Ft8.4211	1.07918
Fe8.9209	Fe8.10849	1.64533	Ft3.430	Ft3.826	1.07889
Fe6.9837	Fe7.6936	1.64511	Ft2.2754	Ft6.1276	1.07876
Fe3.12619	Hic.scaffold.13.179	1.64487	Ft3.490	Ft4.2230	1.07854
Fe1.5363	Fe7.1809	1.64486	Ft2.4881	Ft8.22	1.0782
Fe3.13493	Fe5.152	1.64478	Ft8.1638	Ft8.1821	1.07817
Fe2.8517	Fe5.12923	1.64466	Ft3.1072	Ft8.4312	1.07809
Fe1.7329	Fe6.10778	1.64413	Ft4.1859	Ft4.3457	1.07809
Fe4.5755	Fe7.4725	1.64394	Ft2.3120	Ft4.1779	1.07787
Fe2.11876	Fe6.1687	1.64392	Ft7.1599	Ft8.3338	1.0778
Fe4.10540	Fe8.7943	1.64383	Ft2.2502	Ft4.1665	1.07766
Fe3.13875	Fe4.2013	1.64382	Ft3.2881	Ft8.2612	1.07764
Fe1.4867	Fe4.1619	1.64376	Ft3.34	Ft6.3529	1.07747
Fe8.9943	Hic.scaffold.11.379	1.64367	Ft3.137	Ft8.736	1.07718
Fe4.6688	Fe7.9788	1.64365	Ft2.2713	Ft2.4596	1.07711
Fe1.2927	Fe6.4718	1.64345	Ft3.3236	Ft7.3478	1.07683

Fe1.2603	Fe6.6275	1.64337
Fe1.2421	Fe4.11557	1.64286
Fe4.3914	Fe8.9669	1.64282
Fe2.13334	Fe5.3736	1.64279
Fe2.3751	Fe4.1534	1.64278
Fe2.3769	Fe4.1534	1.64278
Fe1.1903	Fe1.14160	1.64273
Fe3.4689	Fe8.1555	1.64264
Fe4.10381	Fe5.4592	1.64259
Fe1.10449	Fe3.11907	1.64256
Fe4.14491	Fe7.1052	1.64254
Fe7.3645	Fe8.1703	1.64252
Fe3.5420	Fe6.10560	1.64247
Fe7.7014	Fe8.6754	1.64243
Fe2.14285	Fe8.12051	1.64209
Fe1.14122	Hic.scaffold.12.165	1.64195
Fe5.10636	Fe5.13394	1.64176
Fe7.11394	Fe8.666	1.64164
Fe6.10050	Fe7.6307	1.64158
Fe3.7079	Fe7.11612	1.64143
Fe2.478	Fe8.12022	1.64136
Fe2.14169	Fe5.9086	1.64129
Fe1.6231	Fe7.11231	1.64128
Fe5.9103	Fe7.6108	1.64103
Fe5.4300	Fe6.2945	1.64094
Fe1.12467	Fe4.13455	1.64083
Fe4.13981	Fe4.14204	1.64083
Fe4.3779	Fe7.6960	1.64081
Fe2.4922	Fe7.6756	1.64063
Fe2.6048	Fe2.10301	1.64053
Fe2.4929	Fe3.10537	1.64045
Fe2.13721	Fe3.14474	1.64026
Fe4.5545	Fe6.6123	1.64021
Fe1.6009	Fe2.3863	1.64017
Fe2.5041	Fe8.732	1.64016
Fe4.4972	Fe4.14201	1.64009
Fe2.8697	Hic.scaffold.11.359	1.63989
Fe7.8437	Fe8.10849	1.63959
Fe5.12107	Fe7.7395	1.63929
Fe4.9693	Fe6.5477	1.63918
Fe3.187	Fe8.10849	1.63904
Fe3.5063	Fe7.11459	1.63904
Fe1.7347	Fe1.12289	1.63891
Fe2.8755	Fe3.973	1.63857
Fe3.12200	Fe5.6676	1.63838
Fe7.3298	Fe8.10206	1.63808
Fe1.9639	Fe4.12232	1.63799
Fe7.3791	Fe8.9724	1.63789
Fe3.7369	Fe5.9103	1.63783
Fe3.14201	Fe7.12561	1.63778
Fe3.14391	Fe6.10767	1.6376
Fe5.1933	Fe7.121	1.63708
Fe3.5763	Fe4.9353	1.63698
Fe4.3906	Fe6.4027	1.63691
Fe7.1894	Fe8.9575	1.63666
Ft5.667	Ft5.2059	1.07656
HiC_scaffold_5_1	iC_scaffold_5_35	1.07645
Ft2.371	Ft4.6185	1.07638
Ft4.4941	Ft8.3371	1.07582
Ft4.5361	Ft6.1593	1.07575
Ft2.4207	Ft2.5723	1.07572
Ft2.3427	Ft3.5101	1.0757
Ft4.1525	Ft5.422	1.07559
Ft2.4044	Ft2.5831	1.07551
Ft2.2618	Ft2.4525	1.07532
Ft1.2497	Ft4.2509	1.07459
Ft2.1883	Ft7.625	1.07448
Ft1.251	Ft4.977	1.07426
Ft1.1774	Ft5.387	1.074
Ft2.3003	Ft8.4538	1.07395
Ft4.3786	Ft7.2651	1.07325
Ft3.103	Ft7.3186	1.07317
Ft2.704	Ft6.1761	1.07309
Ft1.1874	Ft4.1537	1.07297
Ft2.5215	Ft8.1919	1.07295
Ft7.3039	Ft8.3858	1.07285
Ft3.5445	Ft7.1835	1.07227
Ft1.2648	Ft6.31	1.07219
Ft3.4136	Ft4.4308	1.07204
Ft7.1820	Ft7.2573	1.07198
Ft5.1525	Ft8.4523	1.07166
Ft2.12	Ft4.3957	1.0716
Ft3.1485	Ft3.2883	1.07126
Ft2.875	Ft7.3453	1.07099
Ft5.946	Ft8.1895	1.07078
Ft2.6601	Ft5.1507	1.07021
Ft2.1293	Ft6.717	1.07008
Ft7.2122	Ft7.3943	1.07008
Ft5.2616	Ft6.1220	1.06996
Ft3.5569	Ft4.5310	1.06983
Ft1.847	Ft6.1326	1.06972
Ft2.4661	Ft8.632	1.06963
Ft1.2769	Ft4.1098	1.06944
Ft2.2984	Ft4.2883	1.06942
Ft3.879	Ft3.2828	1.06921
Ft2.5740	Ft8.195	1.06851
Ft2.668	Ft2.2927	1.06848
Ft1.233	Ft4.957	1.06812
Ft2.1761	Ft7.3831	1.0679
Ft2.2618	Ft3.879	1.06765
Ft2.1843	Ft2.3047	1.06732
Ft1.1822	Ft4.3833	1.06721
Ft6.2392	Ft8.3769	1.06718
Ft3.1583	Ft7.4875	1.06678
Ft7.3118	Ft8.741	1.06642
HiC_scaffold_5_1	iC_scaffold_5_36	1.06627
Ft3.2088	Ft7.1360	1.06625
Ft3.4867	Ft6.1416	1.06618
Ft3.1835	Ft6.978	1.0656
Ft3.1966	Ft4.3230	1.06539

Fe1.11212	Fe7.1894	1.63656	Ft3.2111	Ft6.871	1.06483
Fe6.3001	Fe6.10342	1.63622	Ft1.2730	Ft8.272	1.06442
Fe3.6012	Fe5.9908	1.63621	Ft2.634	Ft7.4961	1.06422
Fe1.10043	Fe2.2274	1.63619	Ft2.686	Ft2.1827	1.06415
Fe1.4496	Fe6.2269	1.63587	Ft6.157	Ft8.2717	1.06414
Fe5.3172	Fe8.9209	1.63576	Ft2.1803	Ft7.1648	1.06387
Fe1.13906	Fe2.11028	1.63574	Ft4.4859	Ft7.992	1.06353
Fe3.13527	Fe5.6198	1.63536	Ft2.1865	Ft2.5304	1.06352
Fe6.3360	Fe7.1488	1.63531	Ft4.1388	Ft5.371	1.06349
Fe3.2923	Fe7.11975	1.63529	Ft1.2036	Ft4.1701	1.06342
Fe1.9460	Fe3.4422	1.63528	Ft2.4404	Ft2.4657	1.06324
Fe8.1361	Fe8.3914	1.63516	Ft2.4225	Ft4.5742	1.06321
Fe2.642	Fe5.4794	1.63513	Ft2.4595	Ft8.926	1.06306
Fe6.6672	Fe8.4505	1.63508	Ft2.2877	Ft5.547	1.06255
Fe2.8610	Fe7.3896	1.63497	Ft4.586	Ft6.420	1.06227
Fe1.8092	Fe5.6790	1.63493	Ft6.2196	Ft8.3307	1.06225
Fe2.12335	Fe7.1229	1.63465	Ft2.257	Ft4.4197	1.062
Fe2.10223	Fe5.3829	1.63445	Ft1.1809	Ft4.1424	1.06179
Fe2.9461	Fe8.10997	1.63433	Ft2.5194	Ft3.1216	1.06167
Fe4.3332	Fe6.9599	1.63433	Ft2.3802	Ft2.6455	1.06119
Fe1.11220	Fe7.10825	1.63422	Ft2.5499	Ft8.4051	1.06111
Fe6.12086	Fe7.3783	1.6341	Ft3.3808	Ft7.1205	1.06111
Fe2.3702	Fe3.1034	1.63402	Ft6.2472	Ft7.4906	1.06102
Fe3.11927	Fe5.1876	1.634	Ft1.2468	Ft6.1089	1.06094
Fe3.7985	Fe6.5048	1.63398	Ft2.889	Ft2.4745	1.06088
Fe3.6366	Fe7.11459	1.63375	Ft7.2655	Ft7.3118	1.06072
Fe3.7728	Fe6.9188	1.63372	Ft1.1501	Ft6.3356	1.06047
Fe3.11886	Fe6.1797	1.6331	Ft2.166	Ft4.4142	1.0603
Fe3.3013	Fe5.3523	1.63298	Ft4.1771	Ft6.1181	1.06026
Fe1.3613	Fe5.5984	1.6329	Ft2.4923	Ft4.5660	1.05975
Fe2.2755	Fe8.702	1.63271	Ft1.561	Ft6.1082	1.05959
Fe3.10216	Fe5.11125	1.6327	Ft4.1938	Ft7.1938	1.05941
Fe4.2019	Fe6.1549	1.63261	Ft4.5865	Ft7.4976	1.05925
Fe2.8449	Hic.scaffold.13.220	1.63259	Ft4.2157	Ft8.1305	1.05903
Fe6.5364	Fe8.5081	1.63251	Ft2.1773	Ft3.4242	1.059
Fe6.9188	Fe6.10653	1.6325	Ft2.5287	Ft8.2029	1.05847
Fe4.6967	Fe7.6018	1.63229	Ft3.928	Ft6.528	1.05825
Fe5.13582	Fe8.10623	1.63224	Ft4.2104	Ft4.5435	1.05812
Fe5.746	Fe6.12096	1.63215	Ft3.1125	Ft3.3557	1.05785
Fe3.13527	Fe7.7067	1.63197	Ft4.3225	Ft7.1617	1.05772
Fe1.7583	Fe3.4931	1.63192	Ft1.2796	Ft4.1115	1.05767
Fe2.4833	Fe4.4857	1.63188	Ft7.2944	Ft7.3949	1.05765
Fe4.4018	Fe7.6999	1.63139	Ft1.1254	Ft7.2315	1.05719
Fe3.6199	Fe7.11405	1.63128	Ft4.4340	Ft7.4952	1.05719
Fe2.3253	Fe6.1931	1.63116	Ft5.1276	Ft5.2376	1.05718
Fe1.3272	Fe2.12239	1.63102	Ft7.4781	Ft8.3338	1.05708
Fe5.4056	Fe5.7337	1.63102	Ft2.2502	Ft3.3473	1.05698
Fe3.2925	Fe7.11977	1.63087	Ft1.11	Ft6.1383	1.0569
Fe2.2478	Fe4.11628	1.63083	Ft3.923	Ft6.530	1.05686
Fe6.930	Fe8.8509	1.63077	Ft2.1503	Ft7.1123	1.05652
Fe7.1773	Fe8.10701	1.63071	Ft3.3219	Ft8.2915	1.05619
Fe4.3087	Fe5.3351	1.63065	Ft1.163	Ft6.71	1.05598
Fe5.1206	Fe5.3398	1.63062	Ft5.1652	Ft7.3924	1.05562
Fe3.7618	Fe5.4436	1.63056	Ft4.1376	Ft8.225	1.05547
Fe5.10341	Fe7.473	1.63049	Ft2.1024	Ft8.2074	1.05542

Fe2.13660	Fe5.14513	1.63043	Ft4.4156	Ft8.1660	1.05535
Fe1.9273	Fe5.9102	1.63024	Ft2.5304	Ft3.5490	1.05524
Fe3.3617	Fe6.3552	1.63024	Ft4.443	Ft6.337	1.05516
Fe4.3037	Fe4.5969	1.6302	Ft3.5160	Ft8.4680	1.05508
Fe2.11251	Fe8.9687	1.63005	Ft3.5749	Ft8.4551	1.05476
Fe1.9460	Fe7.6232	1.63004	Ft4.508	Ft6.391	1.0547
Fe4.8047	Fe6.9738	1.63004	Ft3.2056	Ft3.2811	1.05463
Fe1.4474	Fe8.4611	1.62981	Ft2.678	Ft4.3476	1.05437
Fe4.5885	Fe4.10101	1.62972	Ft3.1445	Ft8.136	1.05412
Fe1.8592	Fe6.11147	1.6297	Ft3.916	Ft7.1648	1.05393
Fe4.4886	Fe8.9270	1.62962	Ft4.4734	Ft7.2549	1.05382
Fe5.12172	Fe7.25	1.62961	Ft5.719	Ft7.2733	1.05376
Fe1.12738	Fe6.2483	1.62941	Ft2.4618	Ft4.5842	1.05363
Fe2.2216	Fe2.13892	1.62938	Ft3.3928	Ft4.2183	1.05359
Fe3.7896	Fe5.4191	1.62934	Ft5.2700	Ft6.1882	1.05317
Fe2.1579	Fe2.3721	1.62933	Ft3.1491	Ft4.457	1.05293
Fe4.11293	Fe6.4148	1.62906	Ft3.818	Ft8.3034	1.05287
Fe4.8400	Fe5.11765	1.62905	Ft3.5116	Ft8.4690	1.05249
Fe5.14303	Fe6.414	1.62889	Ft3.3219	Ft4.4283	1.05242
Fe3.1001	Fe5.1327	1.62888	Ft2.6584	Ft4.6045	1.05182
Fe2.12370	Fe4.5081	1.62867	Ft1.2720	Ft6.886	1.05177
Fe2.2590	Fe3.3348	1.62861	Ft5.843	Ft6.3620	1.05156
Fe1.8916	Fe4.8621	1.62854	Ft1.2560	Ft6.1162	1.05155
Fe5.777	Fe8.8152	1.6285	Ft2.1865	Ft7.2190	1.05136
Fe4.208	Fe7.12014	1.62818	Ft3.629	Ft8.2875	1.05108
Fe2.10234	Fe5.12327	1.62801	Ft1.45	Ft2.6555	1.05101
Fe3.7735	Fe7.11189	1.62793	Ft2.3563	Ft3.5233	1.05083
Fe1.3799	Fe3.10920	1.62791	Ft2.5026	Ft8.523	1.05044
Fe5.5024	Fe5.13245	1.62784	Ft2.4243	Ft3.1882	1.05017
Fe3.13389	Fe5.5936	1.62781	Ft2.948	Ft3.2070	1.05017
Fe1.13837	Fe2.2732	1.62758	Ft5.1940	Ft7.4527	1.04971
Fe1.62	Fe2.12293	1.62754	Ft3.5763	Ft5.1512	1.04967
Fe4.14460	Fe6.746	1.62745	Ft6.226	Ft7.584	1.0495
Fe4.9693	Fe7.6295	1.6274	Ft2.6131	Ft3.122	1.04943
Fe2.2478	Fe7.11617	1.62704	Ft2.2959	Ft5.1536	1.04905
Fe6.5213	Fe7.9955	1.62704	Ft2.3060	Ft3.5697	1.04888
Fe5.14433	Fe7.2477	1.62703	Ft2.1819	Ft3.4638	1.04877
Fe3.6264	Fe5.11461	1.62701	Ft2.5056	Ft4.4232	1.04861
Fe2.9828	Fe4.2137	1.62692	Ft1.185	Ft4.908	1.04826
Fe1.6549	Fe5.6676	1.62674	Ft2.1791	Ft2.3127	1.04824
Fe5.10918	Fe7.339	1.62657	Ft2.4618	Ft2.6099	1.04811
Fe3.13827	Fe8.11590	1.62656	Ft6.17	Ft7.3013	1.04792
Fe6.9467	Hic.scaffold.9.192	1.62624	Ft2.2561	Ft7.3094	1.0478
Fe6.3100	Fe8.7096	1.62565	Ft1.2107	Ft4.1857	1.04777
Fe2.7896	Fe6.10406	1.62551	Ft3.1380	Ft7.649	1.04761
Fe1.883	Fe4.2989	1.62545	Ft7.73	Ft7.969	1.04749
Fe1.4782	Fe3.9679	1.62507	Ft2.2879	Ft3.1380	1.04745
Fe1.7426	Fe7.6756	1.62497	Ft8.3582	Ft8.5080	1.04744
Fe2.4948	Fe5.8121	1.62497	Ft7.4875	Ft8.225	1.04741
Fe3.469	Fe5.13101	1.62482	Ft4.1355	Ft4.3959	1.04736
Fe4.4041	Fe7.8241	1.6248	Ft4.1917	Ft7.2540	1.04702
Fe6.8047	Fe8.7417	1.62469	Ft1.2497	Ft6.1110	1.04697
Fe7.905	Hic.scaffold.10.437	1.62457	Ft2.74	Ft4.1405	1.04677
Fe6.11694	Fe8.3656	1.62452	Ft6.3328	Ft7.4843	1.04633
Fe2.11726	Fe4.9515	1.6245	Ft3.5490	Ft7.4875	1.04614

Fe5.4056	Fe7.5054	1.62448	Ft3.3577	Ft4.2733	1.04613
Fe1.9262	Fe5.3257	1.62439	Ft4.2047	Ft8.1917	1.04605
Fe3.7389	Fe6.10050	1.62419	HiC_scaffold_5_1	iC_scaffold_5_39	1.04553
Fe1.63	Fe3.36	1.62417	Ft4.4128	Ft4.4412	1.0455
Fe2.10254	Fe6.11303	1.62407	Ft1.2387	Ft7.4952	1.04539
Fe1.11411	Fe4.13122	1.62399	Ft2.5373	Ft8.4602	1.04534
Fe2.13849	Fe3.961	1.62389	Ft4.3249	Ft7.1685	1.04501
Fe4.13897	Fe8.10719	1.62385	Ft3.4201	Ft8.40	1.04499
Fe3.8016	Fe7.6390	1.62354	Ft3.4201	Ft4.4340	1.04493
Fe2.9558	Fe6.10224	1.62347	Ft2.3747	Ft2.5395	1.04484
Fe2.8511	Fe7.11078	1.62342	Ft3.3395	Ft7.354	1.04471
Fe2.5500	Fe5.7498	1.62312	Ft7.2474	Ft7.2956	1.04469
Fe8.10730	Fe8.10860	1.62302	Ft3.826	Ft3.3219	1.04455
Fe6.12004	Fe8.10091	1.623	Ft2.1803	Ft2.6469	1.04454
Fe5.14310	Fe7.12353	1.62292	Ft2.3204	Ft2.5304	1.04454
Fe5.13660	Hic.scaffold.9.474	1.62291	Ft2.4100	Ft2.6071	1.04443
Fe5.3566	Fe6.10560	1.62289	Ft2.4847	Ft7.4795	1.0444
Fe2.9570	Fe8.10979	1.62283	Ft3.1932	Ft7.4719	1.04439
Fe2.4451	Fe7.11555	1.62253	Ft1.337	Ft6.935	1.04409
Fe2.3081	Fe4.11895	1.62246	Ft5.1743	Ft8.2437	1.044
Fe4.9939	Fe7.1040	1.62242	Ft2.866	Ft4.3190	1.04394
Fe4.1171	Fe4.12305	1.62233	Ft4.5012	Ft8.1936	1.04343
Fe1.3704	Fe4.6141	1.62212	Ft1.2602	Ft6.77	1.04314
Fe1.1331	Fe6.3473	1.6221	Ft2.248	Ft2.411	1.04292
Fe2.13685	Fe4.2630	1.62205	Ft6.1044	Ft7.625	1.04287
Fe1.13289	Fe3.5763	1.62196	Ft2.1848	Ft3.4182	1.04279
Fe7.1159	Hic.scaffold.9.232	1.62192	Ft1.2924	Ft8.2649	1.04267
Fe1.14367	Fe6.4812	1.62188	Ft3.3840	Ft8.2967	1.04253
Fe1.1678	Fe1.14219	1.62182	Ft7.3993	Ft7.4875	1.0424
Fe1.13135	Fe7.2862	1.6218	Ft3.1216	Ft4.1917	1.04214
Fe6.784	Fe8.1555	1.62178	Ft2.2856	Ft7.649	1.04196
Fe2.8697	Fe4.3061	1.62158	Ft2.384	Ft7.1016	1.0419
Fe4.116	Fe7.11240	1.62156	Ft2.3640	Ft3.5298	1.04167
Fe2.10202	Fe5.8918	1.62155	Ft3.1154	Ft8.2792	1.0416
Fe6.3791	Fe8.1619	1.62151	Ft2.4596	Ft3.2881	1.04143
Fe5.3903	Fe8.2275	1.62145	Ft4.3535	Ft4.3813	1.04115
Fe3.5714	Fe7.11455	1.6214	Ft3.4031	Ft8.4819	1.04103
Fe5.12660	Fe6.9419	1.62137	Ft6.3412	Ft8.1221	1.04081
Fe4.4743	Fe6.2840	1.62123	Ft2.393	Ft4.4573	1.04075
Fe6.121	Fe8.11808	1.62115	Ft2.2391	Ft3.1861	1.04051
Fe1.11150	Fe1.14068	1.62111	Ft4.2174	Ft8.1530	1.04048
Fe3.3116	Fe6.1508	1.62086	Ft3.2847	Ft5.631	1.03991
Fe1.5781	Fe6.9640	1.62082	Ft1.654	Ft5.2587	1.0396
Fe5.11041	Fe6.2593	1.62077	Ft4.5614	Ft6.141	1.0395
Fe5.6676	Fe8.2825	1.6205	Ft3.1861	Ft8.1762	1.03944
Fe1.14618	Fe8.10482	1.62049	Ft8.1762	Ft8.2390	1.0392
Fe2.1545	Fe7.3804	1.62049	Ft2.3257	Ft4.5942	1.03917
Fe3.1940	Fe6.3470	1.62039	Ft2.904	Ft7.4875	1.03888
Fe1.8195	Fe4.6151	1.62024	Ft2.2323	Ft8.4793	1.03864
Fe3.9974	Fe4.6338	1.62022	Ft2.2927	Ft4.5451	1.03863
Fe4.3494	Fe7.11467	1.62012	Ft3.460	Ft4.2280	1.03857
Fe5.6857	Fe8.4427	1.61997	Ft3.1353	Ft3.2035	1.03853
Fe4.1808	Fe4.4596	1.61986	Ft1.1265	Ft8.496	1.03816
Fe3.7728	Fe7.6232	1.61973	Ft2.3280	Ft8.4053	1.038
Fe1.13928	Fe6.4551	1.61966	Ft2.3287	Ft8.4051	1.03776

Fe4.687	Fe4.12783	1.61941	Ft3.1030	Ft8.2742	1.03745
Fe2.299	Fe5.12864	1.61933	Ft3.4867	Ft7.3094	1.03739
Fe2.10441	Fe6.3100	1.61929	Ft4.5409	Ft7.1648	1.03733
Fe2.13537	Fe2.14119	1.61927	Ft2.4447	Ft2.5918	1.0372
Fe5.3139	Fe5.13344	1.61911	Ft2.4967	Ft3.2516	1.03711
Fe1.10752	Fe1.12283	1.61899	Ft2.922	Ft8.3878	1.03648
Fe4.3914	Fe6.1884	1.61885	Ft3.879	Ft7.1623	1.03569
Fe2.10301	Fe4.6338	1.6188	Ft2.5910	Ft4.5660	1.03557
Fe6.9494	Fe6.11638	1.6188	Ft3.4147	Ft8.3296	1.03503
Fe4.14204	Fe8.10849	1.61836	Ft2.449	Ft2.1532	1.03502
Fe4.8875	Fe6.11417	1.61823	Ft5.1628	Ft7.3569	1.03485
Fe1.6231	Fe5.9102	1.61813	Ft1.2856	Ft3.546	1.03483
Fe5.2829	Fe5.12788	1.61802	Ft1.2623	Ft6.64	1.03463
Fe6.5213	Fe8.5110	1.61786	Ft2.3999	Ft4.4819	1.03427
Fe4.6656	Fe6.5477	1.61717	Ft2.3480	Ft5.2967	1.03418
Fe2.8503	Fe4.5960	1.61711	Ft2.6100	Ft6.2848	1.03395
Fe4.3420	Fe5.12694	1.61706	Ft1.1254	Ft2.5005	1.03374
Fe8.2555	Fe8.4427	1.61697	Ft2.5857	Ft4.5499	1.03329
Fe2.9813	Fe2.13231	1.61696	Ft3.1838	Ft4.1873	1.03329
Fe6.3704	Fe8.9705	1.61694	Ft4.688	Ft8.3549	1.0329
Fe2.11424	Fe5.13419	1.61691	Ft7.5134	Ft8.3878	1.03289
Fe1.3335	Fe8.732	1.61684	Ft5.1741	Ft8.2451	1.03275
Fe2.12370	Fe7.1052	1.61675	Ft2.3680	Ft2.5419	1.03248
Fe3.5975	Fe7.11598	1.61674	Ft1.1950	Ft4.1625	1.03246
Fe2.9813	Fe4.2129	1.61661	Ft6.208	Ft7.623	1.03246
Fe4.3025	Fe4.8374	1.61656	Ft3.741	Ft8.2985	1.03226
Fe5.2279	Fe7.7184	1.61636	Ft3.245	Ft7.4875	1.03192
Fe3.3038	Fe7.11849	1.61629	Ft2.5265	Ft8.1979	1.03178
Fe4.5267	Fe6.3117	1.61623	Ft4.3394	Ft8.1722	1.03178
Fe4.387	Fe5.14420	1.61617	Ft5.1764	Ft8.2385	1.03168
Fe3.3528	Fe5.14513	1.61605	Ft6.2224	Ft8.3279	1.03162
Fe7.1028	Fe7.3457	1.61575	Ft7.3454	Ft7.4765	1.03157
Fe5.12283	Fe7.1935	1.6155	Ft4.2972	Ft7.3094	1.03155
Fe2.13042	Fe3.13844	1.61549	Ft3.10	Ft6.3547	1.03154
Fe5.4944	Fe6.5477	1.61546	Ft3.879	Ft8.3878	1.03126
Fe4.11085	Fe6.5048	1.61541	Ft2.3841	Ft2.5703	1.03123
Fe7.6377	Fe7.11405	1.61523	Ft3.723	Ft7.4741	1.03106
Fe2.8187	Fe6.9754	1.61499	Ft1.2552	Ft6.1150	1.03086
Fe1.10582	Fe2.8650	1.61493	Ft3.2821	Ft6.477	1.03086
Fe1.63	Fe6.2431	1.61476	Ft5.2131	Ft7.3719	1.03065
Fe5.3527	Fe6.11303	1.61464	Ft7.1283	Ft7.4915	1.03063
Fe1.12239	Fe2.4820	1.61438	Ft2.662	Ft8.271	1.0303
Fe3.3528	Fe6.11076	1.61426	Ft2.830	Ft7.1551	1.02996
Fe2.7644	Fe3.6012	1.61424	Ft7.393	Ft7.887	1.02988
Fe2.2590	Fe5.7912	1.61403	Ft2.5182	Ft2.5906	1.02977
Fe1.7583	Fe3.13746	1.61393	Ft2.3328	Ft8.4033	1.02965
Fe2.11274	Hic.scaffold.12.196	1.61393	Ft2.6069	Ft7.4753	1.02965
Fe1.14542	Fe7.328	1.61387	Ft2.2714	Ft4.2921	1.02939
Fe6.9810	Fe8.5279	1.61346	Ft2.4317	Ft2.4644	1.02924
Fe4.5337	Fe5.9043	1.61332	Ft6.780	Ft8.4830	1.02911
Fe4.3961	Fe5.8912	1.6133	Ft7.1645	Ft8.1672	1.0288
Fe4.6106	Fe8.1815	1.61327	Ft2.2477	Ft3.1838	1.02873
Fe8.10622	Hic.scaffold.11.140	1.61301	Ft1.2668	Ft6.19	1.02864
Fe1.435	Fe7.829	1.61295	Ft2.3804	Ft3.5479	1.02852
Fe5.12694	Fe6.3704	1.61288	Ft3.1386	Ft7.203	1.02851

Fe2.9583	Fe3.4153	1.61279
Fe2.8511	Fe2.10006	1.61272
Fe1.9277	Fe4.6000	1.61264
Fe8.10137	Fe8.11539	1.61249
Fe2.5285	Fe4.10224	1.61235
Fe4.2849	Fe6.11714	1.61222
Fe3.8540	Fe3.9199	1.61209
Fe3.2537	Fe8.12066	1.61196
Fe1.7207	Fe3.13844	1.61184
Fe1.9320	Fe2.8464	1.61183
Fe6.11089	Fe7.1136	1.61162
Fe1.14110	Hic.scaffold.10.134	1.61159
Fe1.9460	Fe6.5616	1.61152
Fe5.7386	Fe7.11455	1.61143
Fe2.8476	Fe6.9364	1.61142
Fe1.398	Fe3.1232	1.6114
Fe4.1862	Fe7.7415	1.6111
Fe7.3277	Fe8.5353	1.61108
Fe3.8655	Fe7.5405	1.61102
Fe1.1108	Fe6.2244	1.61093
Fe3.9363	Fe7.3633	1.61092
Fe3.3004	Fe3.4152	1.61091
Fe7.1052	Fe8.11065	1.61088
Fe6.10590	Fe7.3385	1.61087
Fe1.11133	Fe2.1532	1.61084
Fe2.10846	Fe4.3568	1.61054
Fe3.14554	Fe4.1999	1.61044
Fe2.4820	Fe5.4732	1.61041
Fe7.1071	Hic.scaffold.13.213	1.61041
Fe3.1399	Fe5.3608	1.61038
Fe7.11701	Fe7.12780	1.61037
Fe2.14152	Fe3.14236	1.61024
Fe4.2987	Fe8.10547	1.61023
Fe2.7940	Fe3.9410	1.61018
Fe7.1648	Fe8.9851	1.61012
Fe6.7179	Fe7.6055	1.61
Fe2.12253	Fe3.13840	1.60997
Fe1.11672	Fe3.4570	1.60963
Fe2.4886	Fe3.4362	1.60953
Fe1.4597	Fe5.9078	1.60947
Fe1.7433	Fe3.12016	1.60936
Fe5.11839	Fe6.8467	1.60936
Fe2.11649	Fe4.9735	1.60915
Fe1.9277	Fe7.3382	1.60901
Fe7.887	Fe8.8047	1.60901
Fe1.3907	Fe4.8402	1.60885
Fe3.5610	Fe4.6688	1.60878
Fe2.11424	Fe5.12923	1.60875
Fe4.13429	Fe5.1264	1.60875
Fe2.11648	Fe3.1231	1.60858
Fe1.3016	Fe2.2713	1.60822
Fe3.5101	Fe6.3087	1.60817
Fe4.4146	Fe7.8320	1.60811
Fe4.652	Fe4.12607	1.60802
Fe1.2500	Fe3.8580	1.60776
Ft1.2296	Ft4.2141	1.02823
Ft1.1139	Ft2.2563	1.02822
Ft1.1542	Ft4.775	1.02821
Ft2.2927	Ft3.853	1.028
Ft3.4645	Ft6.758	1.02771
Ft1.2596	Ft6.84	1.02767
Ft6.2630	Ft7.2540	1.02743
Ft4.2135	Ft4.3929	1.02709
Ft3.2035	Ft7.4976	1.02705
Ft5.2081	Ft7.3783	1.02686
Ft2.5201	Ft4.5726	1.02644
Ft8.3663	Ft8.4206	1.02643
Ft1.540	Ft1.2453	1.02603
Ft7.2652	Ft8.1762	1.02553
Ft3.1085	Ft8.225	1.02521
Ft2.1080	Ft3.4724	1.0251
Ft2.3212	Ft2.5319	1.02477
HiC_scaffold_5_1	liC_scaffold_5_35	1.02413
Ft3.1821	Ft8.2069	1.02401
Ft2.880	Ft7.1605	1.02388
Ft4.6253	Ft7.1645	1.02383
Ft2.5185	Ft7.573	1.02285
Ft3.5490	Ft8.195	1.02272
Ft2.3422	Ft8.3712	1.0224
Ft4.3813	Ft7.548	1.02183
Ft2.6518	Ft8.3681	1.02162
Ft1.338	Ft6.936	1.02136
Ft1.1936	Ft2.578	1.02132
Ft3.5265	Ft4.5844	1.02131
Ft3.879	Ft7.3943	1.02127
Ft3.2881	Ft4.786	1.02115
Ft4.5641	Ft8.4380	1.02094
Ft2.5652	Ft8.3306	1.02084
Ft3.1014	Ft8.501	1.0208
Ft4.1857	Ft5.493	1.02051
Ft4.5198	Ft8.1730	1.02051
Ft2.6440	Ft6.652	1.02041
Ft2.1857	Ft4.3454	1.02036
Ft4.2135	Ft8.4237	1.01963
Ft2.1761	Ft4.5614	1.01941
Ft2.1054	Ft8.3533	1.01925
Ft2.1620	Ft2.2045	1.01912
Ft3.1353	Ft6.1930	1.01902
Ft2.1803	Ft3.1881	1.0187
Ft1.1761	Ft5.380	1.01844
Ft7.2724	Ft8.3418	1.01828
Ft2.6182	Ft6.1300	1.01803
Ft2.6611	Ft3.591	1.01803
Ft3.3883	Ft7.1250	1.01783
Ft4.527	Ft5.113	1.01761
Ft2.675	Ft6.3593	1.01758
Ft2.5918	Ft3.290	1.01731
Ft2.3250	Ft5.576	1.01723
Ft2.2984	Ft3.666	1.01704
Ft6.3274	Ft7.4880	1.0169

Fe6.1206	Fe7.4267	1.60728	Ft2.922	Ft3.4214	1.01675
Fe5.9110	Fe7.6936	1.607	Ft3.4201	Ft8.2610	1.01643
Fe3.8743	Fe7.5994	1.60664	Ft6.1987	Ft8.142	1.01642
Fe2.10280	Fe5.8750	1.60662	Ft1.168	Ft6.66	1.01574
Fe1.10868	Fe7.3856	1.60657	Ft4.457	Ft8.280	1.01572
Fe2.1947	Fe7.3937	1.60656	Ft4.60	Ft6.2233	1.01567
Fe2.1293	Fe4.13135	1.6064	Ft2.470	Ft6.364	1.01566
Fe1.1384	Fe3.5899	1.60634	Ft2.4661	Ft7.4976	1.01541
Fe3.6522	Fe5.6676	1.60629	Ft3.728	Ft8.3718	1.01524
Fe3.12520	Fe4.3588	1.60625	Ft2.1629	Ft2.2058	1.01515
Fe3.5203	Fe6.3028	1.60607	Ft6.844	Ft6.2630	1.01495
Fe2.5185	Fe4.6000	1.60603	Ft2.4176	Ft4.1717	1.01491
Fe4.2908	Fe7.7362	1.60598	Ft2.3222	Ft4.5952	1.01449
Fe4.5346	Fe7.7422	1.60581	Ft3.4798	Ft4.667	1.01432
Fe3.7276	Fe7.11459	1.6058	Ft2.6516	Ft8.3674	1.01411
Fe5.8914	Fe8.11630	1.60576	Ft2.4525	Ft3.826	1.01408
Fe2.10636	Fe3.13830	1.60571	Ft2.3576	Ft2.5474	1.01399
Fe1.7165	Fe1.9444	1.6056	Ft3.3326	Ft4.444	1.01388
Fe1.2475	Fe5.6674	1.60553	Ft3.5700	Ft8.4562	1.01327
Fe1.13132	Fe3.14545	1.60539	Ft2.5069	Ft4.5349	1.01306
Fe1.4237	Fe4.2991	1.60529	Ft2.1054	Ft3.2516	1.01278
Fe4.13328	Fe5.1220	1.60528	Ft3.2854	Ft7.3841	1.0127
Fe1.9639	Fe4.1216	1.60521	Ft4.2135	Ft4.5451	1.01257
Fe7.887	Hic.scaffold.10.426	1.60514	Ft4.4142	Ft8.1638	1.01237
Fe2.12370	Fe2.12718	1.60507	Ft6.438	Ft8.195	1.01221
Fe4.6000	Fe7.1676	1.60474	Ft1.2475	Ft4.2553	1.01219
Fe3.4689	Fe8.7750	1.60472	Ft4.4634	Ft7.4802	1.01212
Fe3.1107	Fe7.2252	1.6047	Ft1.204	Ft1.2645	1.0119
Fe2.4647	Fe3.10672	1.60462	Ft3.2167	Ft3.3123	1.01175
Fe7.430	Fe8.10709	1.60449	Ft2.6469	Ft3.3217	1.01167
Fe1.6855	Fe7.571	1.60326	Ft1.1323	Ft4.6142	1.01166
Fe3.6199	Fe7.12233	1.60325	Ft3.1881	Ft8.5118	1.01145
Fe2.12862	Fe8.9052	1.60318	Ft2.5202	Ft4.5089	1.01138
Fe7.1094	Fe8.5673	1.60289	Ft3.2881	Ft4.2081	1.01126
Fe6.10992	Fe7.1169	1.60285	Ft5.1931	Ft7.4555	1.01123
Fe3.4288	Fe5.5984	1.60283	Ft2.438	Ft3.3214	1.01111
Fe6.5135	Fe6.10229	1.60264	Ft2.411	Ft3.1353	1.01081
Fe1.6690	Fe7.8801	1.60242	Ft6.1398	Ft8.510	1.01078
Fe2.11940	Fe4.13589	1.60239	Ft4.5022	Ft8.1919	1.01049
Fe4.12907	Fe5.1109	1.60236	Ft3.878	Ft8.767	1.01001
Fe1.11361	Fe4.12303	1.60221	Ft2.4633	Ft7.920	1.01
Fe7.3891	Fe8.10663	1.60176	Ft1.2016	Ft4.1692	1.00967
Fe7.11467	Fe7.12180	1.60168	Ft4.201	Ft6.244	1.00964
Fe2.8594	Fe4.2975	1.60158	Ft2.3343	Ft8.4021	1.0093
Fe2.4271	Fe4.13618	1.60147	Ft2.3425	Ft8.4695	1.00923
Fe5.10742	Fe8.1616	1.60141	Ft7.2811	Ft7.3971	1.00918
Fe4.14516	Fe8.9849	1.60134	Ft7.4915	Ft8.4508	1.00893
Fe7.3574	Fe8.11077	1.60104	Ft5.1911	Ft7.4597	1.00872
Fe3.9974	Fe6.9419	1.60073	Ft4.786	Ft7.3478	1.00849
Fe1.8219	Fe6.6430	1.60069	Ft2.3850	Ft2.5710	1.00835
Fe6.1514	Fe7.13050	1.60046	Ft4.6166	Ft6.1635	1.00786
Fe5.5368	Fe6.9230	1.60043	Ft3.1003	Ft8.2698	1.00774
Fe2.468	Fe6.10261	1.60041	Ft2.4205	Ft5.2927	1.00736
Fe5.7578	Fe7.11459	1.60037	Ft3.3601	Ft8.1649	1.0067
Fe3.4479	Fe8.1703	1.6003	Ft2.2419	Ft4.136	1.00634

Fe7.6108	Fe8.5464	1.60019
Fe4.9655	Fe7.1118	1.60007
Fe4.3245	Fe7.8137	1.59999
Fe3.9713	Fe6.5193	1.59998
Fe1.828	Fe6.2979	1.59973
Fe1.4424	Fe2.7959	1.59968
Fe3.12349	Hic.scaffold.11.465	1.59962
Fe1.9073	Fe8.5256	1.59959
Fe2.11388	Fe2.11958	1.59947
Fe1.3441	Fe5.7110	1.59939
Fe4.3797	Fe6.1150	1.59913
Fe3.7426	Fe7.8873	1.59905
Fe2.3194	Fe4.4041	1.59889
Fe7.9955	Fe8.4076	1.59884
Fe2.10712	Fe2.12270	1.59871
Fe5.54	Fe8.10637	1.59855
Fe2.7625	Fe4.7159	1.59851
Fe4.4701	Fe8.9402	1.59835
Fe6.5048	Fe7.7710	1.59824
Fe4.11646	Fe6.4152	1.598
Fe6.9851	Fe7.11459	1.5977
Fe2.13024	Fe5.19	1.59741
Fe6.3064	Fe6.9772	1.59729
Fe1.104	Fe6.2247	1.59703
Fe3.6095	Fe3.13544	1.59703
Fe2.9852	Fe3.12978	1.59684
Fe2.11749	Fe7.7282	1.59651
Fe2.11571	Fe8.11186	1.59643
Fe8.1361	Fe8.10698	1.59595
Fe1.12164	Fe6.5135	1.5957
Fe1.12993	Fe2.11641	1.59531
Fe1.9073	Fe4.5885	1.59481
Fe6.720	Fe8.11824	1.59474
Fe3.3116	Fe6.10050	1.59451
Fe2.7735	Fe6.4451	1.59442
Fe1.2379	Fe6.4214	1.59437
Fe2.2560	Fe6.9071	1.59429
Fe2.535	Fe7.689	1.59428
Fe3.9683	Fe8.10138	1.59422
Fe3.13493	Fe5.4049	1.59401
Fe1.13145	Fe7.1496	1.59398
Fe7.5637	Fe8.10044	1.59388
Fe3.4221	Fe4.5969	1.59348
Fe3.3682	Fe3.8016	1.59334
Fe1.10044	Fe5.5595	1.59331
Fe3.1206	Fe6.1087	1.59327
Fe1.14239	Fe2.1346	1.59316
Fe8.1641	Fe8.4611	1.59314
Fe2.13470	Fe7.1548	1.59303
Fe5.12698	Fe7.75	1.59298
Fe6.10249	Fe7.11617	1.59293
Fe1.10243	Fe6.9526	1.59279
Fe3.12283	Fe6.9695	1.59263
Fe2.14086	Fe4.2908	1.59253
Fe1.10632	Fe4.12823	1.59252
Ft1.2387	Ft2.5445	1.0062
Ft3.2753	Ft8.4793	1.00602
Ft2.5174	Ft4.5168	1.00597
Ft6.238	Ft7.5177	1.00576
Ft2.384	Ft8.225	1.0056
Ft2.4016	Ft7.2655	1.00551
Ft1.2387	Ft6.3269	1.00545
Ft2.2714	Ft8.632	1.00536
Ft2.889	Ft4.3023	1.00523
Ft3.2084	Ft3.2801	1.00489
Ft1.1272	Ft8.480	1.00441
Ft5.206	Ft7.3533	1.00435
Ft2.2983	Ft4.6036	1.00427
Ft5.1685	Ft7.3099	1.00427
Ft4.4847	Ft7.2674	1.00402
Ft3.5279	Ft5.781	1.00395
HiC_scaffold_5_HiC_scaffold_5_38		1.0039
Ft4.244	Ft6.263	1.00376
Ft2.6455	Ft7.4976	1.00343
Ft1.1190	Ft7.3431	1.00324
Ft2.414	Ft4.1290	1.00293
Ft1.2262	Ft8.5260	1.00291
Ft1.1153	Ft2.2548	1.00241
Ft2.1933	Ft2.2522	1.00226
Ft3.2828	Ft7.2190	1.00216
Ft2.86	Ft4.4054	1.00189
Ft2.5621	Ft2.6355	1.00175
Ft7.3538	Ft8.60	1.00175
Ft2.2927	Ft8.2888	1.00152
Ft2.3407	Ft3.5076	1.00121
Ft4.667	Ft6.2083	1.00097
Ft1.2720	Ft4.1018	1.00083
Ft2.5413	Ft8.4628	1.0008
Ft2.2897	Ft8.2865	1.00073
Ft7.303	Ft8.3909	1.00047
Ft3.1564	Ft6.1552	1.00041
Ft2.3204	Ft7.4875	1.00032
Ft7.4875	Ft8.2610	1.00024
Ft2.4661	Ft3.694	1.00019
Ft7.4068	Ft7.5094	0.999554
Ft3.1542	Ft8.5170	0.999017
Ft7.3034	Ft7.3932	0.998989
Ft2.4644	Ft7.393	0.998702
Ft4.5052	Ft8.1898	0.998649
Ft3.385	Ft8.4534	0.99841
Ft5.206	Ft6.2043	0.998352
Ft7.3094	Ft7.4906	0.997999
Ft3.4879	Ft8.2171	0.997914
Ft2.2713	Ft7.1648	0.997759
Ft2.4221	Ft3.5670	0.997301
Ft2.3278	Ft7.1068	0.997213
Ft3.1583	Ft7.2094	0.996152
Ft1.2593	Ft4.868	0.995782
Ft2.5769	Ft4.2012	0.995446
Ft4.1253	Ft7.3004	0.995363

Fe2.11876	Fe2.12685	1.59252	Ft4.3235	Ft7.1631	0.995351
Fe2.13334	Fe8.10849	1.5925	Ft7.3454	Ft8.3478	0.995222
Fe3.5889	Fe5.1700	1.59233	Ft5.870	Ft6.3651	0.994701
Fe3.7361	Fe8.11886	1.59231	Ft2.5253	Ft8.5007	0.994325
Fe2.1064	Fe8.10226	1.59192	Ft2.3776	Ft3.5448	0.994
Fe4.118	Fe7.11283	1.59166	Ft4.442	Ft6.336	0.993995
Fe2.2735	Fe7.3437	1.59162	Ft2.2651	Ft8.1305	0.993822
Fe7.3943	Fe7.5311	1.59145	Ft1.381	Ft4.1106	0.993737
Fe5.12788	Fe8.3970	1.59135	Ft2.4525	Ft3.1520	0.993447
Fe1.7128	Fe1.9460	1.59131	Ft3.1907	Ft3.2973	0.993338
Fe6.1108	Fe7.1231	1.59126	Ft4.4824	Ft7.2632	0.993067
Fe2.2670	Fe5.6857	1.59107	Ft2.4340	Ft2.4392	0.992859
Fe6.4084	Fe6.10588	1.59098	Ft3.2881	Ft7.2654	0.992768
Fe1.2449	Fe6.10224	1.59086	Ft2.2175	Ft6.2628	0.992591
Fe2.10253	Fe2.11413	1.59062	Ft1.334	Ft1.2760	0.992468
Fe1.9303	Fe2.2735	1.59036	HiC_scaffold_5_(iC_scaffold_5_38		0.992403
Fe6.6011	Fe6.9798	1.59029	Ft2.1795	Ft2.4131	0.992397
Fe2.8298	Hic.scaffold.13.147	1.59023	Ft2.2391	Ft8.1305	0.992315
Fe2.10318	Fe8.9678	1.59015	Ft2.5285	Ft8.2022	0.992118
Fe1.10922	Fe2.10295	1.59006	Ft2.5910	Ft7.5134	0.992059
Fe4.5350	Fe7.2968	1.59005	Ft7.4781	Ft8.271	0.992029
Fe3.9363	Fe3.12068	1.58996	Ft4.2041	Ft8.5265	0.99191
Fe1.2342	Fe7.11459	1.58989	Ft2.264	Ft4.4208	0.991738
Fe6.4820	Fe6.5989	1.58977	Ft5.230	Ft6.2007	0.991655
Fe4.3336	Fe5.12377	1.58972	Ft1.2642	Ft4.913	0.991411
Fe4.11557	Fe7.11455	1.58964	Ft3.694	Ft3.1398	0.991372
Fe6.3100	Fe7.6159	1.58958	Ft4.1320	Ft4.3928	0.991325
Fe5.777	Fe6.2236	1.58956	Ft4.2174	Ft4.5476	0.991198
Fe1.6690	Fe3.3586	1.58942	Ft7.5134	Ft8.163	0.991105
Fe5.7912	Fe8.4427	1.58904	Ft7.3094	Ft7.3943	0.990877
Fe1.10449	Fe6.5140	1.5887	Ft4.2174	Ft7.1591	0.990758
Fe6.9738	Fe7.5994	1.58865	Ft3.1193	Ft8.2934	0.990555
Fe5.13025	Fe7.4297	1.58831	Ft2.6013	Ft3.5670	0.990151
Fe7.8320	Fe8.3656	1.58818	Ft4.5476	Ft7.3118	0.99008
Fe1.7165	Fe5.9103	1.58815	Ft2.1559	Ft7.1250	0.990051
Fe2.12331	Fe7.3860	1.58815	Ft2.6086	Ft4.4097	0.990044
Fe4.9252	Fe8.1397	1.58812	Ft7.5129	Ft8.3879	0.989845
Fe2.10601	Fe7.3560	1.58797	Ft4.228	Ft6.2388	0.989725
Fe3.157	Fe6.4664	1.58794	Ft7.5107	Ft8.2382	0.989556
Fe1.6570	Fe2.12835	1.58779	Ft2.6009	Ft3.5673	0.989529
Fe3.3374	Fe8.3970	1.58779	Ft4.5391	Ft6.1616	0.98933
Fe5.8565	Fe8.11579	1.58769	Ft4.340	Ft7.3288	0.989216
Fe1.13831	Fe6.4808	1.58768	Ft2.2359	Ft7.3094	0.989101
Fe6.3455	Fe7.7422	1.58761	Ft4.127	Ft8.1515	0.988931
Fe3.6091	Fe6.105	1.58748	Ft2.2502	Ft8.1253	0.988725
Fe2.362	Fe6.2340	1.58729	Ft3.1225	Ft7.3541	0.988594
Fe6.2681	Hic.scaffold.9.266	1.58703	Ft2.6424	Ft4.5626	0.988446
Fe3.6522	Fe7.3277	1.58668	Ft2.5194	Ft4.2074	0.988355
Fe3.6366	Fe4.5908	1.58652	Ft2.2927	Ft8.195	0.988286
Fe2.14068	Fe8.9775	1.58651	Ft1.2011	Ft2.666	0.988208
Fe1.11396	Fe6.4772	1.5865	Ft7.299	Ft8.3918	0.988132
Fe2.14290	Fe4.3027	1.58621	Ft4.4764	Ft7.892	0.98811
Fe4.2199	Fe5.3356	1.58587	Ft5.2931	Ft8.4578	0.987898
Fe2.759	Fe5.5020	1.58546	Ft3.2881	Ft8.3478	0.987651
Fe7.8473	Fe7.11922	1.58529	Ft2.234	Ft4.4196	0.987588

Fe2.8486	Fe6.2340	1.58526	Ft2.605	Ft7.2203	0.987383
Fe4.11697	Fe7.9820	1.58504	Ft2.5268	Ft4.4920	0.987269
Fe6.687	Fe8.10593	1.58504	Ft5.2000	Ft7.404	0.987012
Fe3.8677	Fe6.9342	1.58475	Ft2.1688	Ft2.4575	0.986807
Fe4.10186	Fe7.10646	1.5847	Ft1.2099	Ft4.1841	0.986805
Fe2.12081	Fe3.12055	1.58469	Ft5.2226	Ft7.3632	0.986767
Fe4.234	Fe7.12217	1.58468	Ft2.5292	Ft8.2038	0.986706
Fe8.6848	Fe8.9460	1.58463	Ft4.4547	Ft5.2070	0.986634
Fe1.14542	Fe6.915	1.58452	Ft2.921	Ft7.1431	0.986013
Fe3.3050	Fe4.2816	1.58431	Ft3.318	Ft4.4287	0.985932
Fe3.2186	Fe4.3780	1.58422	Ft2.3112	Ft4.5974	0.985811
Fe4.12414	Fe8.9851	1.5841	Ft4.3651	Ft5.2039	0.985702
Fe4.1216	Fe4.12232	1.58403	Ft3.2505	Ft6.2454	0.985557
Fe2.2590	Fe7.5994	1.58363	Ft1.2387	Ft2.4618	0.985528
Fe7.6377	Fe8.3444	1.58355	Ft4.3144	Ft7.4741	0.9855
Fe5.2215	Fe6.2961	1.58348	Ft3.1916	Ft7.1699	0.985443
Fe4.4146	Fe7.6108	1.58336	Ft2.2324	Ft3.879	0.985115
Fe2.2449	Fe4.12639	1.58334	Ft2.922	Ft8.1260	0.984837
Fe2.10699	Fe7.881	1.5832	Ft8.1284	Ft8.4301	0.984759
Fe4.9574	Fe7.3522	1.58317	Ft2.2501	Ft7.2655	0.984513
Fe4.12278	Fe4.13784	1.58305	Ft2.2391	Ft2.6273	0.984326
Fe4.12295	Fe8.10386	1.58298	Ft2.393	Ft3.1835	0.984175
Fe1.6570	Fe2.2722	1.58272	Ft3.4769	Ft8.1975	0.983792
Fe3.5590	Fe7.3549	1.58256	Ft3.5490	Ft6.2198	0.983556
Fe2.10301	Fe7.6018	1.58249	Ft4.4095	Ft7.735	0.98313
Fe1.11234	Fe6.7279	1.58241	Ft4.1338	Ft4.3945	0.982838
Fe2.8610	Fe8.10680	1.5822	Ft3.3495	Ft4.3782	0.982816
Fe2.7678	Fe4.9484	1.58207	Ft1.1898	Ft2.553	0.982742
Fe2.12781	Fe7.2881	1.58193	Ft2.2879	Ft3.2973	0.982734
Fe4.10255	Fe5.6573	1.58193	Ft2.1843	Ft7.476	0.982653
Fe4.4041	Fe7.11689	1.58137	Ft1.842	Ft2.4667	0.982523
Fe7.8523	Fe8.7877	1.58133	Ft7.920	Ft8.3281	0.982318
Fe5.13148	Fe6.10992	1.58121	Ft3.4147	Ft7.3027	0.982248
Fe7.420	Fe7.3556	1.58099	Ft4.40	Ft8.1379	0.982192
Fe1.7246	Fe5.5786	1.58092	Ft2.904	Ft3.1353	0.981779
Fe2.9985	Fe8.11637	1.58076	Ft5.2846	Ft7.4289	0.981732
Fe6.11179	Fe8.9698	1.58066	Ft2.1827	Ft3.4166	0.981609
Fe1.7337	Fe1.8219	1.58058	Ft4.5842	Ft6.2199	0.981498
Fe1.10344	Fe6.3754	1.58042	Ft1.256	Ft4.982	0.981341
Fe3.12000	Fe7.11687	1.58038	Ft2.3426	Ft2.5583	0.980977
Fe4.1808	Fe8.5493	1.58016	Ft1.439	Ft6.2495	0.980971
Fe3.2840	Fe5.8785	1.57999	Ft7.3081	Ft7.3157	0.980893
Fe4.2919	Fe7.6422	1.57994	Ft3.1060	Ft7.4915	0.980768
Fe1.12185	Fe7.9780	1.57969	Ft3.5516	Ft6.844	0.980665
Fe2.4947	Fe7.842	1.57958	Ft1.201	Ft6.39	0.980575
Fe1.11531	Fe4.2165	1.57946	Ft6.2240	Ft8.3258	0.980261
Fe2.10779	Fe3.13990	1.57929	Ft5.1766	Ft7.5109	0.980012
Fe4.8406	Fe8.10091	1.5789	Ft7.1150	Ft7.2891	0.979677
Fe1.11368	Fe5.790	1.57861	Ft6.3391	Ft7.3094	0.979644
Fe1.11053	Fe7.11003	1.57857	Ft2.5088	Ft4.5271	0.97956
Fe1.5133	Fe3.10762	1.57838	Ft3.2754	Ft3.5595	0.97954
Fe6.4591	Hic.scaffold.13.213	1.57828	Ft2.4222	Ft8.1284	0.97945
Fe7.799	Fe8.10730	1.57825	Ft1.63	Ft6.1447	0.979354
Fe3.13490	Fe7.76	1.57816	Ft2.3003	Ft5.1512	0.97905
Fe6.5364	Fe6.9494	1.57788	Ft2.6541	Ft8.3772	0.979035

Fe2.7614	Fe3.4567	1.57757	Ft5.1372	Ft5.2111	0.978974
Fe3.5642	Fe5.9454	1.57756	Ft4.885	Ft7.3013	0.978958
Fe2.13800	Fe3.5889	1.57749	Ft6.3633	Ft7.2479	0.978784
Fe2.10269	Fe2.11438	1.57715	Ft2.363	Ft4.6217	0.978541
Fe3.7079	Fe8.3872	1.57714	Ft1.1325	Ft4.6144	0.978308
Fe4.6977	Fe5.5357	1.57706	Ft3.1977	Ft7.1602	0.977659
Fe6.6287	Fe7.12831	1.5769	Ft6.246	Ft8.3732	0.977658
Fe4.2556	Fe4.14158	1.57659	Ft4.5108	Ft8.1852	0.97756
Fe3.9240	Fe7.3619	1.57658	Ft2.3676	Ft3.5374	0.977534
Fe1.13145	Fe4.4041	1.57651	Ft5.1631	Ft7.2985	0.977487
Fe2.1410	Fe7.6936	1.57633	Ft1.367	Ft1.2767	0.977056
Fe4.1179	Fe4.12304	1.57631	Ft2.904	Ft2.6408	0.976935
Fe2.2768	Fe3.5610	1.5761	Ft2.4627	Ft3.4867	0.976868
Fe2.9890	Fe6.3457	1.57593	Ft2.4967	Ft7.419	0.976578
Fe1.4467	Fe2.8010	1.57583	Ft3.2753	Ft6.438	0.976522
Fe2.3106	Fe7.7415	1.57577	Ft4.331	Ft6.300	0.976129
Fe2.3243	Hic.scaffold.9.270	1.57573	Ft3.4674	Ft5.675	0.97592
Fe4.8299	Fe6.4644	1.57565	Ft7.476	Ft7.4781	0.975905
Fe2.12331	Fe7.1214	1.57564	Ft2.3362	Ft2.5530	0.975616
Fe4.14445	Fe6.685	1.57559	Ft3.4201	Ft7.2802	0.975569
Fe5.11979	Fe7.4295	1.57545	Ft5.1560	Ft8.4513	0.975436
Fe3.13859	Fe8.8152	1.57478	Ft2.6617	Ft4.5998	0.975408
Fe1.7583	Fe4.1553	1.57464	Ft4.3881	Ft8.807	0.97535
Fe6.9419	Fe8.7215	1.57444	Ft2.2109	Ft8.1672	0.975014
Fe3.4422	Fe3.12068	1.57443	Ft3.1197	Ft8.2936	0.974919
Fe2.1094	Fe4.5267	1.57425	Ft3.4217	Ft8.1581	0.974564
Fe4.11895	Fe8.9209	1.57424	Ft3.1525	Ft7.1016	0.974493
Fe1.2148	Fe6.4137	1.57415	Ft2.5419	Ft3.5380	0.974203
Fe1.4597	Fe8.5493	1.57414	Ft2.3206	Ft2.5316	0.974155
Fe6.4313	Fe6.11076	1.57387	Ft2.75	Ft4.4044	0.974011
Fe6.9185	Fe7.3277	1.57378	Ft1.1674	Ft4.1206	0.9739
Fe1.9073	Fe6.5193	1.57368	Ft3.4121	Ft7.3298	0.973543
Fe2.4406	Fe4.7634	1.57345	Ft1.1943	Ft4.3563	0.973445
Fe3.8641	Fe4.9704	1.57332	Ft2.6096	Ft3.623	0.973404
Fe1.10358	Fe4.754	1.57315	Ft1.637	Ft6.1165	0.973371
Fe3.5009	Fe3.13612	1.57308	Ft3.1426	Ft7.5134	0.97336
Fe5.10508	Fe7.430	1.5727	Ft2.3101	Ft4.5978	0.973349
Fe6.7056	Fe8.7856	1.57266	Ft2.4016	Ft2.6455	0.973345
Fe4.9699	Fe6.10429	1.57252	Ft2.2187	Ft8.3910	0.973342
Fe7.6018	Fe8.2825	1.57247	Ft4.87	Ft6.2334	0.97322
Fe5.2850	Fe7.626	1.57223	Ft4.297	Ft5.55	0.973139
Fe4.310	Fe7.12445	1.57204	Ft4.1523	Ft5.421	0.973074
Fe2.619	Fe6.3433	1.57192	HiC_scaffold_5_{iC_scaffold_5_39		0.972718
Fe6.5237	Fe7.11467	1.57185	Ft6.2277	Ft8.3160	0.972356
Fe4.6185	Fe7.12963	1.57179	Ft3.1461	Ft8.258	0.972337
Fe2.1562	Fe4.533	1.57175	Ft2.499	Ft7.1053	0.972307
Fe2.8697	Fe7.6390	1.5717	Ft4.1529	Ft4.3647	0.972244
Fe2.13699	Fe8.6488	1.57156	Ft3.281	Ft4.667	0.972144
Fe2.9284	Fe7.11455	1.57146	Ft4.1482	Ft4.3758	0.971993
Fe1.11339	Fe3.934	1.57144	Ft2.6179	Ft6.1296	0.971744
Fe8.9742	Hic.scaffold.9.286	1.57134	Ft2.6440	Ft3.879	0.971445
Fe3.3504	Fe6.9185	1.57116	Ft4.162	Ft8.3381	0.971239
Fe3.736	Fe8.11867	1.57103	Ft7.4872	Ft8.3203	0.971226
Fe1.14520	Fe2.8998	1.57063	Ft2.2754	Ft7.4906	0.970874
Fe1.555	Fe2.13963	1.5705	Ft4.2135	Ft4.4827	0.970817

Fe7.11231	Fe8.3507	1.57039	Ft2.4831	Ft4.4666	0.970768
Fe6.11159	Hic.scaffold.10.94	1.57019	Ft3.1485	Ft7.1992	0.970554
Fe7.3633	Fe7.12784	1.56985	HiC_scaffold_5_2	iC_scaffold_5_38	0.970359
Fe3.12229	Fe5.3275	1.56983	Ft3.5029	Ft8.1787	0.970309
Fe6.839	Fe8.10238	1.56966	Ft3.666	Ft4.6005	0.97024
Fe3.3586	Fe6.9985	1.56952	Ft2.2808	Ft4.1873	0.969685
Fe8.8152	Fe8.9575	1.56917	Ft3.1963	Ft7.1625	0.96965
Fe2.959	Fe7.11857	1.56905	Ft8.2888	Ft8.4301	0.969327
Fe2.10481	Fe2.13133	1.56898	Ft2.5875	Ft8.4390	0.969262
Fe4.14468	Fe8.10652	1.56861	Ft2.5327	Ft8.4099	0.969125
Fe3.6377	Fe6.3506	1.56855	Ft2.5811	Ft4.819	0.969013
Fe2.2478	Fe4.5775	1.56832	Ft3.5516	Ft7.2935	0.968895
Fe2.13924	Fe8.11093	1.5683	Ft2.3046	Ft4.2081	0.968889
Fe1.1862	Fe1.14174	1.56829	HiC_scaffold_5_1	iC_scaffold_5_20	0.968872
Fe6.3485	Fe7.11687	1.56828	Ft1.1876	Ft4.3642	0.968777
Fe1.13370	Fe3.8677	1.5682	Ft3.556	Ft7.3579	0.968616
Fe5.5936	Fe8.9554	1.56799	Ft7.1888	Ft7.2718	0.968492
Fe4.6338	Fe6.5336	1.56792	Ft2.2267	Ft8.3956	0.968374
Fe4.1529	Fe7.3574	1.56772	Ft5.1666	Ft7.3056	0.968141
Fe7.157	Fe8.8315	1.56754	Ft3.1838	Ft4.1938	0.967877
Fe7.173	Fe7.2971	1.56727	Ft2.3634	Ft5.2993	0.967875
Fe1.12095	Fe8.5255	1.56708	Ft5.642	Ft5.2037	0.967802
Fe4.14559	Fe8.7348	1.56691	Ft1.1988	Ft5.468	0.967767
Fe1.10916	Fe2.4712	1.56656	Ft4.6243	Ft7.1610	0.967718
Fe6.658	Fe8.10509	1.56656	Ft2.922	Ft3.1676	0.967631
Fe4.3025	Fe6.4001	1.56646	Ft5.1936	Ft7.4544	0.967253
Fe3.9070	Fe5.13199	1.56628	Ft1.2805	Ft4.1133	0.966828
Fe3.1026	Fe8.7183	1.56616	Ft1.692	Ft5.2618	0.96676
Fe1.3625	Fe3.6366	1.56608	Ft2.1803	Ft3.1060	0.966513
Fe3.7455	Fe5.6085	1.56573	Ft2.5918	Ft7.393	0.96642
Fe7.1446	Hic.scaffold.13.274	1.56531	Ft2.6099	Ft8.5118	0.966222
Fe4.10562	Fe6.6430	1.5653	Ft2.6099	Ft7.2474	0.966221
Fe2.13501	Fe8.9690	1.56518	Ft2.3600	Ft2.5468	0.965549
Fe3.4482	Fe8.8117	1.56499	Ft3.2065	Ft7.1405	0.965524
Fe7.4387	Fe8.3211	1.56492	Ft4.3782	Ft7.1052	0.965502
Fe2.10930	Fe2.13438	1.56477	Ft3.2441	Ft4.3782	0.965492
Fe3.14027	Fe6.10229	1.56467	Ft4.449	Ft5.82	0.965112
Fe4.11774	Fe7.8079	1.56466	Ft2.2210	Ft8.3920	0.965043
Fe4.10572	Fe8.7915	1.56462	Ft7.4906	Ft8.5007	0.96451
Fe1.9277	Fe4.10759	1.56461	Ft1.223	Ft1.2673	0.964262
Fe4.9027	Fe7.2665	1.5645	Ft2.4644	Ft4.2636	0.964233
Fe4.1712	Fe5.13198	1.5643	Ft4.163	Ft6.258	0.964175
Fe1.2603	Fe4.3795	1.56428	Ft3.802	Ft8.3023	0.963111
Fe4.5081	Fe8.10549	1.56415	Ft3.4669	Ft5.674	0.963033
Fe3.3367	Fe4.3780	1.56406	Ft2.2579	Ft7.3230	0.962537
Fe3.14280	Fe5.9258	1.56385	Ft4.1869	Ft7.3368	0.962299
Fe1.2258	Fe8.1616	1.56334	Ft1.2772	Ft4.1104	0.962284
Fe3.6522	Fe6.5213	1.56328	Ft2.2927	Ft4.786	0.962019
Fe6.4877	Hic.scaffold.9.192	1.56289	Ft2.2969	Ft5.1527	0.961698
Fe2.10613	Fe4.2265	1.56288	Ft4.1311	Ft8.3940	0.961685
Fe3.3093	Fe4.10759	1.56265	Ft3.2056	Ft4.2972	0.961265
Fe5.6573	Fe7.12938	1.56262	Ft7.1016	Ft8.1762	0.961036
Fe5.9445	Fe8.11527	1.56242	Ft2.2879	Ft4.786	0.960925
Fe6.10560	Fe8.2018	1.56224	Ft3.1380	Ft4.4827	0.960672
Fe3.12229	Fe6.9494	1.56221	Ft4.1887	Ft5.499	0.960526

Fe5.6857	Fe5.8013	1.56218
Fe8.9562	Hic.scaffold.9.200	1.56209
Fe4.732	Fe4.12747	1.56192
Fe6.1508	Fe7.12923	1.5619
Fe2.4406	Fe4.9484	1.56189
Fe1.1603	Fe1.13145	1.56185
Fe4.9693	Fe7.9955	1.56158
Fe6.930	Fe8.10162	1.56137
Fe8.10112	Hic.scaffold.11.325	1.5613
Fe3.5063	Fe4.3215	1.56128
Fe5.6198	Fe8.5081	1.56088
Fe4.9665	Fe5.12788	1.56079
Fe1.10692	Fe6.1461	1.56075
Fe2.14164	Fe3.14209	1.56075
Fe2.4113	Fe5.11109	1.56064
Fe1.11231	Fe2.1398	1.56045
Fe2.969	Fe7.8102	1.56037
Fe4.14251	Fe6.584	1.56036
Fe4.7801	Fe8.4913	1.55984
Fe1.9872	Fe4.6338	1.5596
Fe2.13580	Fe4.2902	1.55954
Fe2.2670	Fe6.5336	1.55953
Fe3.4679	Fe8.775	1.55944
Fe6.4466	Fe7.402	1.55912
Fe1.9820	Fe4.1179	1.55903
Fe1.2094	Fe6.4038	1.55894
Fe3.13938	Fe8.9098	1.55881
Fe2.10277	Fe4.4678	1.55878
Fe7.4295	Fe8.3444	1.55878
Fe5.10285	Fe7.481	1.55871
Fe2.176	Fe2.6264	1.55863
Fe6.3103	Fe7.9790	1.5586
Fe6.10224	Fe8.3889	1.55853
Fe6.3170	Fe6.10492	1.55821
Fe3.12019	Fe7.626	1.5581
Fe3.1124	Fe4.12244	1.55801
Fe2.11294	Fe8.7348	1.55792
Fe5.12611	Fe6.1367	1.5576
Fe7.3717	Hic.scaffold.11.368	1.55752
Fe4.3568	Fe8.9467	1.55707
Fe1.13445	Fe4.13959	1.55701
Fe2.9604	Fe3.1210	1.55693
Fe6.5477	Fe7.12145	1.5568
Fe3.9363	Fe4.5885	1.55654
Fe2.11311	Fe2.13722	1.55635
Fe2.2560	Fe8.3914	1.55627
Fe8.1239	Fe8.4913	1.5562
Fe6.8422	Fe7.7184	1.55582
Fe1.9047	Fe8.2721	1.55579
Fe6.3520	Hic.scaffold.9.743	1.55564
Fe1.10512	Fe3.12536	1.55528
Fe1.5202	Fe7.1755	1.55528
Fe3.5476	Fe8.6376	1.55495
Fe5.1163	Hic.scaffold.9.270	1.5549
Fe4.2165	Fe8.5081	1.55484
Ft4.314	Ft8.3621	0.9605
Ft1.2282	Ft4.2104	0.960173
Ft2.5253	Ft3.1398	0.959954
Ft2.1734	Ft7.2342	0.959883
Ft1.1831	Ft4.3796	0.959697
Ft2.384	Ft2.4633	0.959605
Ft2.2714	Ft7.5251	0.959327
Ft2.5566	Ft3.5074	0.959215
Ft2.2713	Ft8.1787	0.958948
Ft6.646	Ft8.5248	0.958891
Ft2.2351	Ft3.4968	0.958648
Ft7.475	Ft7.649	0.958617
Ft3.1236	Ft8.4973	0.95856
Ft3.4618	Ft7.3118	0.958558
HiC_scaffold_5_1	iC_scaffold_5_39	0.958522
Ft2.2359	Ft3.4867	0.95841
Ft1.367	Ft6.960	0.95824
HiC_scaffold_5_1	iC_scaffold_5_27	0.957674
Ft2.6073	Ft3.5518	0.957513
Ft3.1133	Ft8.2779	0.957434
Ft3.1060	Ft3.5516	0.957367
Ft2.3141	Ft2.3793	0.957325
Ft2.5201	Ft4.6005	0.957127
Ft2.2984	Ft7.4875	0.957106
Ft2.5231	Ft4.2000	0.957011
Ft1.774	Ft5.2137	0.956984
Ft5.1921	Ft7.4579	0.956931
Ft3.2490	Ft7.541	0.956741
Ft3.1235	Ft8.4972	0.956716
Ft2.6509	Ft8.3665	0.956672
Ft6.2354	Ft8.1510	0.956658
Ft4.3535	Ft7.1648	0.956437
Ft2.2561	Ft7.1599	0.956374
Ft2.4203	Ft2.6036	0.956237
Ft2.77	Ft3.5595	0.956162
Ft1.442	Ft1.2825	0.955919
Ft1.2487	Ft6.1103	0.955911
Ft3.2460	Ft7.558	0.955902
Ft1.2747	Ft6.950	0.955635
Ft2.3004	Ft4.6026	0.955418
Ft3.2754	Ft6.844	0.954957
Ft1.2261	Ft4.2045	0.954849
Ft1.420	Ft6.1000	0.954838
Ft2.5219	Ft8.1923	0.954576
Ft3.694	Ft3.5490	0.954449
Ft3.4611	Ft7.3699	0.954408
Ft3.2035	Ft3.3217	0.954313
Ft8.1530	Ft8.3381	0.954264
Ft2.2714	Ft7.4952	0.954228
Ft2.1761	Ft8.2462	0.954163
Ft4.1938	Ft4.2168	0.954058
Ft2.4343	Ft2.4383	0.953779
Ft4.4340	Ft7.2058	0.953539
Ft4.1487	Ft5.408	0.953291
Ft4.753	Ft8.1762	0.953178

Fe1.10687	Fe7.5994	1.55454	Ft4.589	Ft5.132	0.953129
Fe3.5082	Fe8.10074	1.55452	Ft7.1648	Ft7.2802	0.952825
Fe4.13827	Fe8.10744	1.5545	Ft2.1532	Ft2.4120	0.952794
Fe3.1756	Fe7.3708	1.55432	Ft2.384	Ft3.1398	0.95261
Fe1.9741	Fe5.742	1.55429	Ft4.1030	Ft6.913	0.9523
Fe1.13203	Fe2.13462	1.55423	Ft2.5688	Ft5.2973	0.952271
Fe2.3740	Fe3.5642	1.55417	Ft5.2885	Ft7.4194	0.952191
Fe2.2450	Fe4.9353	1.55411	Ft7.3118	Ft8.4508	0.951734
Fe4.5885	Fe6.12004	1.55404	Ft5.2851	Ft7.4267	0.951715
Fe1.8878	Fe5.3231	1.55396	Ft4.358	Ft8.3878	0.951644
Fe6.9306	Fe6.10249	1.55372	Ft2.4511	Ft8.4322	0.95159
Fe4.131	Fe7.11339	1.55363	Ft4.2135	Ft7.649	0.951267
Fe1.5212	Fe7.1763	1.55355	Ft3.5510	Ft8.4310	0.951243
Fe2.2364	Fe4.1058	1.55334	Ft3.459	Ft5.1182	0.951042
Fe1.9047	Fe8.6396	1.55315	Ft2.6118	Ft3.131	0.951018
Fe6.5872	Fe7.11405	1.55303	Ft3.216	Ft8.4437	0.950935
Fe5.13018	Fe8.10790	1.553	Ft2.1039	Ft3.5490	0.950793
Fe4.3568	Fe6.5619	1.55293	Ft3.1398	Ft6.844	0.950792
Fe2.932	Fe2.10444	1.55284	Ft2.6129	Ft7.3019	0.950671
Fe3.2350	Fe7.2682	1.55236	HiC_scaffold_5_1	HiC_scaffold_5_34	0.950469
Fe2.11486	Fe7.7422	1.55198	Ft2.6408	Ft3.2828	0.950378
Fe1.6424	Fe7.505	1.55195	Ft2.1080	Ft5.688	0.950333
Fe5.11980	Fe7.5882	1.55192	Ft2.3785	Ft2.5369	0.949951
Fe1.14111	Fe6.3899	1.55181	Ft3.3677	Ft7.3022	0.949507
Fe4.4985	Fe8.9267	1.55176	Ft1.65	Ft6.1463	0.949335
Fe2.1510	Fe6.11725	1.55175	Ft7.4697	Ft7.4906	0.949329
Fe5.14324	Fe6.1465	1.55171	Ft3.4038	Ft6.2453	0.948907
Fe4.11970	Fe5.579	1.55165	Ft1.164	Ft6.70	0.948623
Fe1.11219	Fe4.490	1.55148	Ft7.397	Ft7.5278	0.948529
Fe5.13104	Fe7.1098	1.55148	Ft5.632	Ft7.539	0.948252
Fe3.249	Fe5.4138	1.55145	Ft4.253	Ft8.3655	0.948207
Fe6.5390	Fe8.5413	1.55145	Ft6.844	Ft8.195	0.948065
Fe1.2586	Fe3.7040	1.55142	Ft2.2270	Ft8.1529	0.947876
Fe1.7392	Fe8.4913	1.55127	Ft3.1838	Ft8.2081	0.947805
Fe2.1937	Fe4.757	1.55111	Ft5.1986	Ft7.5278	0.947654
Fe5.6198	Fe6.4681	1.55106	Ft7.1052	Ft7.1599	0.947528
Fe2.1467	Fe8.10138	1.55086	Ft5.2156	Ft7.3706	0.947456
Fe7.450	Fe7.3161	1.55071	Ft4.5063	Ft8.1897	0.947422
Fe4.7062	Fe7.715	1.55067	Ft4.1153	Ft7.2058	0.94736
Fe2.13823	Fe4.8932	1.55063	Ft4.2607	Ft4.2905	0.947289
Fe1.2342	Fe1.5781	1.55042	Ft2.553	Ft5.434	0.946811
Fe4.9090	Fe6.6054	1.5501	Ft2.5185	Ft5.924	0.946808
Fe1.4597	Fe6.5213	1.54994	Ft4.6015	Ft5.1507	0.946786
Fe2.9284	Fe3.3504	1.54966	Ft4.885	Ft8.1227	0.94671
Fe4.3970	Fe7.8241	1.54933	Ft4.3430	Ft6.1762	0.946617
Fe1.7426	Fe5.6155	1.54902	Ft4.3245	Ft7.1663	0.94654
Fe4.2015	Fe7.11612	1.54892	Ft2.6613	Ft8.4558	0.946411
Fe3.9048	Fe3.13401	1.54891	Ft4.442	Ft8.284	0.946406
Fe1.8246	Fe2.3817	1.54888	Ft2.3060	Ft5.1494	0.946323
Fe7.8819	Fe8.7168	1.54866	Ft7.3699	Ft8.253	0.946178
Fe6.9150	Fe7.3716	1.54861	Ft1.290	Ft1.2715	0.94617
Fe3.12000	Fe5.10742	1.5485	Ft3.2441	Ft7.1599	0.945722
Fe2.14169	Fe4.2384	1.54843	Ft2.4811	Ft7.4741	0.945642
Fe1.2538	Fe6.11750	1.54826	Ft2.1529	Ft7.1086	0.945588
Fe5.3328	Fe7.8384	1.54822	Ft2.6542	Ft8.3781	0.94555

Fe2.10627	Fe2.13051	1.54802	Ft4.456	Ft6.348	0.945421
Fe5.3231	Fe8.2451	1.54801	Ft5.2107	Ft7.3750	0.945075
Fe1.7329	Fe7.6756	1.54786	Ft2.3046	Ft4.753	0.945065
Fe5.7386	Fe6.9985	1.54777	Ft2.259	Ft4.4199	0.944939
Fe1.6570	Fe6.3708	1.54776	Ft2.3425	Ft2.5581	0.944887
Fe2.5134	Fe7.6383	1.54772	Ft1.1419	Ft7.3983	0.944364
Fe4.3553	Fe6.10475	1.5477	Ft5.1614	Ft7.2909	0.943991
Fe6.9086	Fe6.9526	1.54755	Ft4.4153	Ft7.5251	0.94394
Fe3.9792	Fe7.3560	1.54751	Ft2.5061	Ft8.1602	0.943693
Fe1.2094	Fe1.12973	1.54732	Ft3.1085	Ft4.4320	0.943283
Fe1.14056	Fe6.4197	1.54705	Ft2.3047	Ft3.723	0.942928
Fe1.4474	Fe4.6338	1.54687	Ft3.3473	Ft4.3813	0.942881
Fe5.9908	Fe6.4591	1.54686	Ft2.1103	Ft7.1007	0.942857
Fe8.1307	Fe8.4724	1.54674	Ft3.590	Ft7.5251	0.942564
Fe3.141	Fe8.12133	1.54656	Ft2.1039	Ft4.409	0.942534
Fe3.2319	Fe4.11739	1.54625	Ft8.3604	Ft8.5039	0.942288
Fe4.3855	Fe7.424	1.54613	Ft4.2135	Ft7.1623	0.941336
Fe2.9699	Fe5.12707	1.54606	HiC_scaffold_5_[iC_scaffold_5_17		0.941316
Fe6.959	Fe8.10152	1.54602	Ft1.492	Ft6.1057	0.941265
Fe4.2955	Fe8.12098	1.54588	Ft1.1944	Ft4.3556	0.941164
Fe4.9099	Fe5.13035	1.54585	Ft4.5182	Ft8.1775	0.941162
Fe2.11709	Fe8.11266	1.54558	Ft8.1260	Ft8.1530	0.941045
Fe4.258	Fe7.12353	1.54555	Ft2.4001	Ft2.5800	0.940743
Fe1.14183	Fe4.11909	1.54544	Ft2.428	Ft4.3892	0.940529
Fe4.863	Fe4.12412	1.54537	Ft7.302	Ft8.3913	0.940027
Fe5.5936	Fe6.4516	1.54536	Ft7.404	Ft7.5259	0.94002
Fe1.2500	Fe6.5872	1.54533	Ft3.1564	Ft7.4753	0.939669
Fe5.10687	Fe8.4958	1.5453	Ft4.279	Ft6.273	0.939492
Fe2.10779	Fe8.11566	1.54513	Ft5.1657	Ft7.3049	0.939468
Fe2.3204	Fe2.8697	1.54504	Ft2.1580	Ft3.2086	0.938842
Fe4.13451	Fe5.1299	1.54494	Ft3.5455	Ft8.4600	0.938835
Fe8.11263	Hic.scaffold.11.6	1.54492	Ft1.720	Ft5.2631	0.938464
Fe4.7159	Fe5.5511	1.54491	Ft3.1465	Ft8.261	0.938447
Fe5.6356	Fe5.7529	1.54464	Ft2.6408	Ft3.1838	0.938395
Fe1.1324	Fe2.12175	1.54438	Ft2.671	Ft4.444	0.938284
Fe4.1484	Fe7.565	1.54435	Ft4.2570	Ft7.2802	0.938123
Fe3.13423	Fe8.7136	1.54422	Ft2.2654	Ft8.1229	0.938053
Fe1.14542	Fe4.1916	1.54421	Ft2.4661	Ft4.667	0.937986
Fe2.12268	Hic.scaffold.10.538	1.544	Ft4.4573	Ft7.419	0.937743
Fe2.13817	Fe2.14191	1.54399	Ft4.3584	Ft7.4875	0.937276
Fe2.14269	Fe8.12104	1.54394	Ft2.4891	Ft7.4968	0.937013
Fe4.10224	Fe5.4462	1.54392	Ft7.4915	Ft7.5177	0.936973
Fe8.9943	Hic.scaffold.11.372	1.54371	Ft2.6600	Ft3.5746	0.93681
Fe1.3223	Fe5.3355	1.54354	Ft2.3239	Ft2.5339	0.936733
Fe1.8150	Fe2.8302	1.54335	Ft2.6408	Ft7.1730	0.936387
Fe1.12095	Fe4.3860	1.54334	Ft2.1821	Ft7.3945	0.936168
Fe3.4479	Fe4.7846	1.54333	Ft2.2768	Ft3.837	0.935996
Fe2.876	Fe3.13808	1.54328	Ft2.3802	Ft7.1243	0.935879
Fe1.858	Fe4.3037	1.54324	Ft6.2373	Ft8.3802	0.935192
Fe1.14088	Fe8.9887	1.54323	Ft2.5609	Ft3.5128	0.934654
Fe4.8406	Fe7.3558	1.54318	Ft7.1648	Ft7.4915	0.934506
Fe3.14100	Fe4.2360	1.54307	Ft2.840	Ft7.5068	0.934461
Fe4.2038	Fe5.9474	1.54304	Ft2.5436	Ft3.5335	0.934011
Fe2.10844	Fe3.14086	1.54291	Ft7.1669	Ft7.3298	0.933836
Fe2.14100	Fe8.11316	1.54289	Ft2.3092	Ft2.6273	0.933659

Fe3.10664	Fe8.8152	1.54277
Fe4.5908	Fe5.8230	1.54226
Fe4.10186	Fe8.678	1.54219
Fe4.3930	Fe6.1932	1.54216
Fe1.1412	Fe3.4932	1.54212
Fe1.9047	Fe6.9185	1.54203
Fe1.3335	Fe1.9872	1.542
Fe2.9268	Fe8.3506	1.54198
Fe2.2577	Fe6.9086	1.54166
Fe2.4702	Fe2.6178	1.54156
Fe2.303	Fe8.10747	1.54149
Fe5.13651	Fe6.2618	1.54136
Fe1.4237	Fe3.5958	1.54107
Fe2.9811	Fe8.10887	1.54102
Fe1.14594	Hic.scaffold.11.142	1.54093
Fe4.9693	Fe8.5110	1.54076
Fe3.4931	Fe7.5768	1.54074
Fe1.4313	Fe2.7644	1.54067
Fe2.8374	Fe4.917	1.54066
Fe6.770	Fe8.9828	1.54037
Fe1.4910	Fe5.12847	1.53993
Fe2.2832	Fe5.10637	1.53981
Fe2.9221	Fe2.12709	1.53976
Fe1.2970	Fe2.13542	1.53967
Fe4.5267	Fe5.2064	1.53935
Fe5.14276	Fe6.1415	1.5393
Fe1.6690	Fe8.732	1.53915
Fe4.2189	Fe5.2769	1.53876
Fe1.13426	Fe4.13967	1.53855
Fe6.9419	Fe7.11335	1.53807
Fe3.723	Fe8.10764	1.53793
Fe2.11306	Fe2.13738	1.53769
Fe5.11041	Fe6.4340	1.53701
Fe3.9294	Fe8.5255	1.53695
Fe3.2275	Fe7.1608	1.53684
Fe5.10636	Fe7.11078	1.5368
Fe4.13967	Fe6.3431	1.53676
Fe5.6676	Fe8.5110	1.53671
Fe3.4479	Fe8.7809	1.53656
Fe2.9669	Fe8.10955	1.53596
Fe7.421	Fe7.3807	1.53575
Fe1.2867	Fe6.4701	1.53561
Fe6.5140	Fe7.8473	1.53536
Fe2.11952	Fe2.14067	1.53525
Fe3.9602	Fe7.11335	1.53522
Fe1.3587	Fe8.2071	1.53494
Fe4.6967	Fe4.8568	1.53494
Fe6.11750	Fe8.6652	1.5348
Fe1.2271	Fe4.10562	1.53462
Fe1.11460	Fe6.9342	1.53461
Fe3.8016	Fe4.11846	1.53461
Fe2.2165	Fe7.7425	1.5346
Fe2.11360	Fe2.13206	1.53453
Fe4.6185	Fe5.1700	1.5345
Fe3.9679	Fe7.3724	1.53442
Ft2.1680	Ft6.814	0.933654
Ft2.2955	Ft2.6577	0.933571
Ft2.5251	Ft4.4953	0.933526
Ft6.1963	Ft7.3186	0.933326
Ft3.4036	Ft7.2089	0.933235
Ft4.1010	Ft6.875	0.932802
Ft4.1025	Ft5.1600	0.932718
Ft3.3473	Ft8.225	0.932322
Ft3.5673	Ft8.4573	0.931969
Ft3.5625	Ft5.2930	0.93189
Ft2.5261	Ft5.947	0.931872
Ft3.1398	Ft8.195	0.931842
Ft8.216	Ft8.5046	0.931731
Ft2.3326	Ft2.5512	0.931673
Ft4.5692	Ft8.4304	0.931554
Ft3.1583	Ft7.4741	0.931318
Ft4.1938	Ft4.4340	0.931171
Ft2.6020	Ft3.4387	0.930805
Ft2.4524	Ft2.5937	0.930766
Ft3.5569	Ft7.1938	0.930696
Ft2.671	Ft7.4976	0.930618
Ft2.889	Ft7.3454	0.930268
Ft6.2361	Ft8.1524	0.93007
Ft1.805	Ft2.6210	0.929842
Ft7.2935	Ft8.1835	0.929833
Ft1.1404	Ft7.2838	0.929639
Ft3.2637	Ft6.1041	0.929632
Ft7.554	Ft8.4437	0.92939
Ft2.5918	Ft8.225	0.929146
Ft2.4295	Ft8.1946	0.928887
Ft2.2714	Ft7.4697	0.928855
Ft4.1581	Ft5.443	0.928771
Ft1.2387	Ft4.5451	0.927737
Ft2.1109	Ft7.3081	0.927635
Ft2.1883	Ft4.4153	0.927514
Ft4.2036	Ft8.548	0.927459
Ft3.1986	Ft7.419	0.927308
Ft2.681	Ft4.3475	0.927182
Ft2.4525	Ft2.5304	0.92711
HiC_scaffold_5_1	iC_scaffold_5_20	0.926888
Ft2.1167	Ft3.5628	0.926829
Ft2.4021	Ft2.5820	0.926517
Ft5.2815	Ft7.2073	0.926473
Ft2.3079	Ft4.5980	0.926362
Ft3.1353	Ft8.3294	0.926323
Ft4.94	Ft8.1455	0.926274
Ft4.369	Ft7.4753	0.926202
Ft1.256	Ft1.2695	0.926183
Ft3.4154	Ft8.3306	0.926093
Ft2.5198	Ft4.5098	0.926009
Ft5.2169	Ft7.3686	0.925997
Ft2.3294	Ft2.5504	0.925964
Ft2.4596	Ft4.1376	0.925461
Ft4.4238	Ft6.1613	0.925309
Ft6.978	Ft6.2232	0.924954

Fe1.1382	Fe6.3520	1.53405
Fe3.7455	Fe6.12124	1.53402
Fe7.794	Fe8.12150	1.53366
Fe3.7728	Fe7.6855	1.53361
Fe2.3997	Fe8.9293	1.53358
Fe2.2521	Fe8.7714	1.53331
Fe4.399	Fe4.13298	1.53313
Fe2.759	Fe3.9856	1.53287
Fe3.2961	Fe7.4295	1.53275
Fe5.70	Hic.scaffold.11.126	1.53275
Fe2.9461	Fe2.12934	1.5327
Fe2.9986	Fe3.13132	1.53259
Fe5.6857	Fe6.5336	1.53255
Fe6.11229	Fe8.4340	1.53253
Fe3.6667	Fe7.11555	1.53248
Fe4.161	Fe7.11720	1.53215
Fe2.2590	Fe6.5213	1.53213
Fe4.5568	Fe4.9156	1.532
Fe5.10733	Fe7.349	1.53199
Fe7.3651	Fe7.11142	1.53192
Fe2.1947	Fe8.6887	1.53181
Fe4.5885	Fe7.8090	1.53176
Fe4.1516	Fe6.3761	1.53153
Fe6.5871	Fe8.10798	1.53138
Fe8.4331	Fe8.6430	1.53115
Fe3.8743	Fe5.6085	1.53089
Fe3.4689	Fe8.8019	1.53087
Fe2.8307	Fe4.1882	1.53082
Fe1.12609	Fe2.12861	1.53046
Fe4.13897	Fe6.3316	1.53024
Fe2.2583	Fe4.14559	1.53013
Fe2.10363	Fe7.8077	1.5298
Fe2.2478	Fe4.8164	1.52976
Fe1.10044	Fe7.5994	1.52968
Fe1.6690	Fe7.7153	1.52965
Fe6.6006	Fe8.4076	1.52958
Fe1.9426	Fe4.10556	1.52893
Fe1.11818	Fe3.2864	1.52867
Fe3.9856	Fe4.5908	1.52867
Fe1.13965	Fe2.10925	1.52859
Fe5.2941	Fe6.11417	1.52854
Fe2.5395	Fe8.12	1.5282
Fe1.9512	Fe3.3586	1.52758
Fe5.12788	Fe6.2941	1.52749
Fe6.9655	Fe7.799	1.5274
Fe6.7896	Fe8.7379	1.5273
Fe1.10069	Fe3.13938	1.52728
Fe5.841	Fe8.1583	1.52719
Fe1.8856	Fe5.9733	1.52699
Fe3.8580	Fe4.12673	1.52694
Fe4.2360	Fe8.11552	1.5267
Fe1.11895	Fe5.3199	1.52655
Fe3.9464	Fe5.4732	1.52655
Fe5.32	Fe5.3559	1.52641
Fe2.523	Fe3.11945	1.52622
Ft4.3023	Ft4.4283	0.924945
Ft2.2169	Ft3.3605	0.924737
Ft1.2652	Ft6.25	0.924632
Ft4.1547	Ft4.3628	0.924632
Ft2.3680	Ft3.5380	0.924498
Ft7.3754	Ft7.4697	0.92447
Ft2.1803	Ft4.5650	0.924216
Ft3.1386	Ft7.643	0.924047
Ft7.4035	Ft8.2483	0.924017
Ft2.3213	Ft2.5322	0.923948
Ft2.1761	Ft7.3027	0.923752
Ft3.423	Ft8.3338	0.923485
Ft1.582	Ft4.2538	0.923482
Ft3.603	Ft8.2906	0.923193
Ft2.4661	Ft8.4561	0.922699
Ft2.3564	Ft2.5479	0.922614
Ft7.1126	Ft7.1992	0.922564
Ft3.4722	Ft5.686	0.922283
Ft1.1780	Ft2.398	0.922039
Ft6.3349	Ft7.4883	0.921006
Ft2.449	Ft8.3338	0.920903
Ft7.3288	Ft8.1695	0.920648
Ft2.3250	Ft4.5944	0.920639
Ft2.391	Ft4.3952	0.920554
Ft2.3229	Ft8.4091	0.920318
Ft4.1964	Ft7.3283	0.919945
Ft4.578	Ft6.365	0.919936
Ft1.505	Ft6.1069	0.919894
Ft2.2997	Ft2.6595	0.919757
Ft1.282	Ft4.1001	0.919755
Ft3.781	Ft6.3185	0.919583
Ft2.4894	Ft7.4989	0.919478
Ft1.325	Ft4.1054	0.919443
Ft2.2270	Ft3.1060	0.919279
Ft4.2081	Ft8.225	0.919188
HiC_scaffold_5_	iC_scaffold_5_37	0.919184
Ft2.2984	Ft4.5660	0.91913
Ft2.3422	Ft7.2122	0.918747
Ft4.4794	HiC.scaffold.5.136	0.918728
Ft5.2929	Ft8.4581	0.918481
Ft3.5500	Ft4.5778	0.918436
Ft4.2921	Ft8.1529	0.917286
Ft2.2486	Ft7.4924	0.917278
Ft1.357	Ft4.1075	0.916521
Ft2.5909	Ft8.4367	0.91649
Ft6.694	Ft7.5129	0.916216
Ft1.901	Ft2.4724	0.916119
Ft7.419	Ft7.1599	0.915867
Ft1.119	Ft2.4770	0.915744
Ft4.4213	Ft6.1595	0.915433
Ft6.1195	Ft7.4915	0.915212
Ft2.4117	Ft4.1665	0.915078
Ft2.1039	Ft4.186	0.914972
Ft1.154	Ft6.74	0.914899
Ft2.449	Ft3.1282	0.914648

Fe3.9856	Fe5.7578	1.52616
Fe5.12791	Fe6.4072	1.52603
Fe2.12257	Fe7.1029	1.526
Fe2.12803	Fe6.9969	1.52596
Fe1.6690	Fe8.2555	1.52591
Fe1.12533	Fe5.5936	1.52583
Fe2.12246	Fe4.10216	1.52569
Fe1.9047	Fe6.5477	1.52538
Fe1.9512	Fe3.4568	1.52531
Fe7.1649	Fe7.11049	1.52514
Fe3.13752	Fe4.2247	1.52497
Fe7.4355	Fe8.8230	1.52482
Fe3.13423	Fe5.2878	1.52461
Fe5.2729	Fe8.1361	1.52456
Fe2.10939	Fe2.13439	1.52417
Fe4.4102	Fe4.14551	1.52408
Fe1.14000	Fe4.2083	1.52394
Fe3.4221	Fe8.11147	1.52392
Fe1.564	Fe5.13702	1.52375
Fe4.14381	Hic.scaffold.11.252	1.52358
Fe4.6007	Fe7.11486	1.52356
Fe2.8047	Fe8.9167	1.5235
Fe2.7110	Fe8.2825	1.52347
Fe5.2834	Fe6.11395	1.52308
Fe4.1237	Fe7.61	1.523
Fe3.47	Fe6.1206	1.52296
Fe4.13816	Fe7.382	1.52285
Fe2.2768	Fe3.1098	1.52264
Fe2.3729	Fe4.1492	1.52257
Fe1.14547	Fe4.1894	1.5225
Fe6.9342	Fe7.11078	1.52244
Fe4.5133	Fe5.9148	1.52225
Fe3.8922	Fe8.4322	1.52223
Fe5.14448	Fe7.2506	1.52216
Fe1.12139	Fe7.9868	1.52209
Fe1.1935	Fe6.3902	1.5219
Fe1.4782	Fe3.7276	1.52186
Fe3.4025	Fe4.3568	1.5218
Fe1.1903	Fe6.3839	1.52137
Fe5.1707	Fe5.12807	1.52105
Fe4.11381	Fe6.11112	1.52075
Fe2.5175	Fe8.8172	1.52074
Fe6.10261	Hic.scaffold.10.134	1.52073
Fe4.3970	Fe7.11689	1.52067
Fe8.678	Fe8.1397	1.52067
Fe3.133	Fe5.12698	1.52065
Fe2.11198	Fe4.3336	1.52031
Fe1.2375	Fe1.6231	1.52021
Fe3.5420	Fe5.8013	1.52019
Fe2.11028	Fe8.5608	1.52011
Fe1.2421	Fe8.4076	1.5201
Fe6.7276	Fe8.10070	1.51963
Fe1.12655	Fe5.2113	1.51939
Fe5.10050	Fe6.2276	1.51921
Fe2.11535	Fe7.201	1.519
Ft4.1348	Ft5.386	0.914416
HiC_scaffold_5_{iC_scaffold_5_23		0.914405
Ft2.4811	Ft7.4651	0.913969
Ft2.2032	Ft3.616	0.913748
Ft2.4633	Ft7.4741	0.91367
Ft2.3092	Ft3.3892	0.913316
Ft2.6408	Ft7.3342	0.91331
Ft2.5873	Ft4.5632	0.913287
Ft1.199	Ft1.2642	0.912872
Ft2.449	Ft2.1761	0.912657
Ft2.242	Ft3.1459	0.912577
Ft2.2856	Ft3.2029	0.912514
Ft6.2199	Ft7.1243	0.912479
Ft4.5451	Ft8.1821	0.912058
Ft5.153	Ft6.480	0.911904
Ft4.1771	Ft4.3701	0.911808
Ft3.4867	Ft4.1919	0.911753
Ft3.1902	Ft7.1655	0.911165
Ft2.6454	Ft8.3580	0.911135
Ft2.1803	Ft2.3422	0.910398
Ft3.5697	Ft5.1494	0.910362
Ft7.5130	Ft8.2411	0.910222
Ft2.876	Ft2.1870	0.91015
Ft2.4665	Ft8.634	0.910079
Ft2.5817	Ft4.5530	0.909899
Ft2.3080	Ft4.5979	0.909624
Ft3.2615	Ft6.2008	0.909612
Ft2.6469	Ft4.4764	0.909254
Ft2.3693	Ft4.5807	0.909249
Ft3.1380	Ft8.632	0.909024
Ft5.1840	Ft7.5286	0.908971
Ft2.5201	Ft4.5476	0.908682
Ft3.1272	Ft5.250	0.908664
Ft6.2355	Ft7.3751	0.90831
Ft3.1282	Ft7.1016	0.907759
Ft4.5988	Ft5.926	0.907592
Ft1.1134	Ft7.3248	0.907379
Ft3.4618	Ft7.5177	0.907221
Ft3.1380	Ft3.4154	0.907098
Ft5.1905	Ft7.4611	0.907085
Ft4.2174	Ft6.3391	0.907058
Ft3.1380	Ft4.4153	0.907005
Ft3.4618	Ft4.5476	0.906956
Ft6.3313	Ft7.4918	0.9067
Ft7.3943	Ft7.4906	0.90646
Ft2.6581	Ft5.1529	0.906373
Ft1.2877	Ft8.2603	0.906147
Ft2.2713	Ft2.3047	0.905817
Ft7.4765	Ft7.4952	0.90576
Ft5.1637	Ft7.3008	0.905612
Ft2.5394	Ft7.3118	0.90561
Ft2.2425	Ft3.4808	0.904971
Ft2.3046	Ft8.3533	0.904865
Ft3.1502	Ft4.434	0.904778
Ft1.776	Ft6.1262	0.904663

Fe8.2555	Fe8.2721	1.51892	Ft2.1572	Ft3.2090	0.904533
Fe5.10977	Fe6.2195	1.51875	Ft1.1880	Ft4.1541	0.904506
Fe3.13144	Fe3.14046	1.51863	Ft3.2090	Ft7.1329	0.904249
Fe4.2365	Fe8.11542	1.51846	Ft4.4558	Ft5.2051	0.904176
Fe6.2396	Fe6.9467	1.51844	Ft3.1380	Ft7.5177	0.90417
Fe6.4014	Fe8.1433	1.51839	Ft2.4112	Ft2.6065	0.904156
Fe4.11720	Fe6.6106	1.5183	Ft3.916	Ft4.6242	0.903933
Fe7.8241	Fe7.11689	1.51825	Ft2.1821	Ft4.5659	0.90389
Fe3.10860	Fe8.317	1.51817	Ft1.1847	Ft4.1498	0.903711
Fe7.2293	Fe8.10764	1.51778	Ft2.2972	Ft4.6045	0.903661
Fe7.6357	Fe7.11338	1.51767	Ft3.989	Ft7.393	0.90354
Fe4.5705	Fe4.13033	1.51755	Ft2.4644	Ft3.2953	0.90349
Fe4.2665	Fe8.11207	1.5175	Ft2.4009	Ft2.5805	0.903467
Fe4.174	Fe4.6876	1.51747	Ft2.384	Ft4.4340	0.903328
Fe2.13253	Fe3.12958	1.51724	Ft2.6469	Ft8.4211	0.90322
Fe3.11227	Fe6.11634	1.51713	Ft3.591	Ft8.3996	0.902876
Fe3.2143	Fe7.1558	1.5171	Ft3.725	Ft8.2977	0.902723
Fe2.1094	Fe2.2478	1.51694	Ft2.4206	Ft2.6030	0.902345
Fe2.13242	Fe5.3949	1.51674	Ft4.2081	Ft8.2888	0.902259
Fe2.4628	Fe8.3595	1.5167	Ft2.2359	Ft4.358	0.902248
Fe5.1799	Fe6.3376	1.51669	Ft6.3649	Ft7.2537	0.902231
Fe6.648	Fe8.10497	1.51636	Ft4.726	Ft8.1722	0.901614
Fe2.14166	Fe3.14197	1.51632	Ft5.217	Ft6.2039	0.901601
Fe1.6996	Fe7.8473	1.51613	Ft3.497	Ft4.2222	0.901535
Fe2.2768	Fe4.8402	1.5161	Ft3.491	Ft4.2229	0.901503
Fe1.3335	Fe6.9185	1.51609	Ft2.1743	Ft6.741	0.90142
Fe5.12400	Fe7.2061	1.51595	Ft3.138	Ft8.728	0.901417
Fe5.5553	Fe7.12676	1.51584	Ft2.5249	Ft4.4959	0.901044
Fe6.9086	Fe7.11459	1.51568	Ft2.6598	Ft5.1511	0.900952
Fe1.6384	Fe7.11317	1.51561	Ft2.5534	Ft3.1087	0.900893
Fe1.4809	Fe5.5540	1.51529	Ft2.3889	Ft2.5739	0.900617
Fe1.2541	Fe3.4793	1.51476	Ft3.1318	Ft3.4990	0.900542
Fe3.12347	Fe7.12727	1.51454	Ft2.5070	Ft4.5343	0.900528
Fe1.13289	Fe7.6232	1.51453	Ft4.726	Ft4.6147	0.900272
Fe3.4931	Fe4.11443	1.51444	Ft1.568	Ft1.2475	0.90022
Fe2.759	Fe6.2195	1.51433	Ft4.6005	Ft7.419	0.899904
Fe1.10158	Fe4.7846	1.51402	Ft3.2485	Ft6.2443	0.899827
Fe8.4104	Fe8.6652	1.51402	Ft5.2845	Ft7.4290	0.89969
Fe2.13738	Fe3.14461	1.51388	Ft3.1398	Ft4.4340	0.899664
Fe3.408	Fe5.446	1.51378	Ft2.840	Ft8.3940	0.899516
Fe4.8299	Fe6.11750	1.51375	Ft2.384	Ft6.1044	0.899462
Fe3.7618	Fe5.6857	1.51318	Ft4.4265	Ft7.2295	0.898986
Fe5.112	Fe6.597	1.5125	Ft4.2984	Ft6.1865	0.898601
Fe4.3471	Fe5.4226	1.51235	Ft2.3505	Ft2.5618	0.89838
Fe1.12164	Fe4.5969	1.51197	Ft3.423	Ft7.4753	0.898326
Fe4.7447	Fe6.9961	1.51182	Ft2.3047	Ft4.3929	0.898289
Fe4.201	Fe7.11991	1.51178	Ft4.786	Ft8.1835	0.898228
Fe2.2135	Fe3.13423	1.51171	Ft2.3667	Ft4.5824	0.89814
Fe5.13161	Fe7.4660	1.51167	Ft2.2879	Ft3.1520	0.898134
Fe4.14205	Fe8.445	1.51162	Ft2.4091	Ft3.5511	0.898132
Fe2.12714	Fe8.9392	1.5115	Ft2.1791	Ft8.4183	0.897896
Fe3.14201	Fe8.3178	1.51146	Ft7.1052	Ft8.2888	0.89759
Fe2.2207	Fe8.1433	1.51133	Ft7.3454	Ft8.1821	0.897456
Fe4.4596	Fe4.6338	1.51102	Ft5.1364	Ft5.2088	0.897405
Fe6.9803	Fe7.1785	1.51096	Ft3.879	Ft8.163	0.897259

Fe7.8320	Fe8.7750	1.51088	Ft7.3094	Ft8.3371	0.897253
Fe7.771	Fe8.10138	1.51084	Ft7.419	Ft7.4753	0.897113
Fe1.6842	Fe5.8013	1.51064	Ft3.4147	Ft4.2056	0.897106
Fe6.6006	Fe7.12145	1.51055	Ft2.5174	Ft8.1808	0.896934
Fe4.9377	Fe5.12903	1.51023	Ft6.3645	Ft7.2506	0.896604
Fe2.1569	Fe4.12978	1.51	Ft2.4072	Ft2.5850	0.896521
Fe3.12068	Fe8.3866	1.50986	Ft5.1515	Ft8.4536	0.896479
Fe6.12251	Fe7.661	1.50985	Ft2.4388	Ft2.4620	0.896281
Fe4.4961	Fe5.12583	1.50948	Ft2.1819	Ft6.756	0.896167
Fe2.12840	Fe4.5831	1.50941	Ft6.3406	Ft7.3118	0.896124
Fe7.11459	Fe8.5702	1.50935	Ft1.306	Ft6.903	0.896038
Fe6.9364	Fe6.10782	1.50906	Ft1.2909	Ft3.519	0.896018
Fe5.9102	Fe8.10680	1.50836	Ft2.3650	Ft3.5308	0.895942
Fe2.7385	Fe3.12262	1.50821	Ft2.1002	Ft6.1881	0.895857
Fe1.3771	Fe2.10267	1.50789	Ft2.904	Ft4.2074	0.895854
Fe4.2896	Fe8.10810	1.50778	Ft4.1984	Ft8.741	0.895823
Fe1.13218	Fe2.13471	1.50763	Ft6.1285	Ft7.2800	0.895742
Fe4.2975	Fe7.6108	1.50753	Ft6.1416	Ft8.3281	0.89526
Fe2.12865	Fe8.7132	1.50746	Ft4.145	Ft6.2371	0.894928
Fe5.10933	Fe8.10684	1.50697	Ft1.1785	Ft4.1320	0.894823
Fe1.10768	Fe3.5563	1.50692	Ft2.3204	Ft4.3584	0.894677
Fe4.3230	Fe7.11669	1.5069	Ft2.3046	Ft3.2973	0.894604
Fe5.12476	Fe7.906	1.50681	Ft2.3853	Ft2.5712	0.894501
Fe2.11719	Fe5.3489	1.50679	Ft7.1648	Ft7.3288	0.894022
Fe3.5312	Fe6.10249	1.50667	Ft4.4163	Ft8.1683	0.893838
Fe1.1481	Fe3.4758	1.50656	Ft2.5207	Ft4.5069	0.893769
Fe2.2560	Fe3.10263	1.50654	Ft2.5664	Ft6.3391	0.89375
Fe3.13938	Fe8.8054	1.50649	Ft6.2013	Ft8.109	0.893594
Fe1.2600	Fe8.3489	1.50637	Ft2.5960	Ft8.4278	0.893384
Fe3.8580	Fe6.5269	1.50607	Ft1.1174	Ft7.3403	0.893282
Fe1.10449	Fe7.1700	1.50581	Ft2.4471	Ft4.5703	0.893279
Fe3.3705	Fe5.5020	1.50513	Ft6.245	Ft8.3733	0.893262
Fe5.3527	Fe6.9150	1.50486	Ft2.2983	Ft2.6591	0.89303
Fe1.2094	Fe4.11697	1.50485	Ft3.2953	Ft8.632	0.892923
Fe5.4226	Fe8.9460	1.50467	Ft2.4446	Ft2.5971	0.892818
Fe2.5185	Fe3.9030	1.50459	Ft4.2567	Ft7.1775	0.892798
Fe3.5420	Fe8.5110	1.50456	Ft3.3218	Ft4.2781	0.892787
Fe1.14226	Fe3.2206	1.50447	Ft2.4471	Ft3.5501	0.892688
Fe7.7362	Fe8.2468	1.50426	Ft2.1803	Ft7.3013	0.892636
Fe4.11443	Fe7.12676	1.50416	Ft2.1054	Ft7.2802	0.892528
Fe2.8187	Fe5.2065	1.50407	Ft3.2035	Ft4.1376	0.892195
Fe6.6229	Fe7.9776	1.50405	Ft1.1836	Ft4.1479	0.891847
Fe2.9362	Fe4.2046	1.50398	Ft2.4661	Ft3.2529	0.891627
Fe7.209	Fe8.8439	1.50398	Ft5.2038	Ft7.3824	0.891368
Fe5.10632	Fe7.3251	1.50396	Ft2.72	Ft4.1404	0.891106
Fe3.13827	Fe8.9220	1.50389	Ft2.4967	Ft8.1552	0.890858
Fe4.6021	Fe8.10822	1.5036	Ft1.1862	Ft4.3656	0.890593
Fe6.8368	Fe7.6018	1.50356	Ft7.4030	Ft8.2494	0.890287
Fe4.568	Fe4.12878	1.50344	Ft4.1653	Ft5.461	0.890103
Fe2.12795	Fe8.9254	1.50315	Ft2.1865	Ft2.3278	0.889371
Fe2.13044	Fe3.13845	1.50303	Ft2.2714	Ft7.4741	0.889228
Fe7.8733	Fe8.5568	1.50301	Ft1.1302	Ft8.523	0.889107
Fe4.487	Fe5.1158	1.50299	Ft3.1932	Ft4.1216	0.889092
Fe2.13879	Fe7.1052	1.50292	Ft7.1016	Ft7.3943	0.888895
Fe2.4451	Fe8.3595	1.50287	Ft3.3473	Ft8.2035	0.888839

Fe4.11443	Fe5.2360	1.50274	Ft2.5947	Ft7.2555	0.888725
Fe3.12000	Fe5.6198	1.50273	Ft4.839	Ft4.1665	0.888697
Fe3.9030	Fe3.13423	1.50263	Ft2.4725	Ft6.1543	0.888591
Fe1.11023	Fe7.3766	1.50239	Ft2.393	Ft2.2984	0.888499
Fe4.14449	Fe8.10546	1.50235	Ft3.3236	Ft7.3013	0.888347
Fe3.12008	Hic.scaffold.10.167	1.50234	Ft2.393	Ft4.6242	0.888038
Fe4.9493	Hic.scaffold.10.134	1.5023	Ft2.4091	Ft2.6080	0.887914
Fe3.830	Fe8.6748	1.50221	Ft3.1024	Ft8.2738	0.887758
Fe2.4311	Fe6.142	1.50215	Ft2.4317	Ft2.5918	0.887637
Fe4.7846	Fe5.6636	1.50215	Ft1.2240	Ft5.526	0.887612
Fe2.8856	Fe5.14349	1.50192	Ft3.723	Ft6.2200	0.887598
Fe4.116	Fe6.1434	1.50191	Ft4.4116	Ft5.349	0.887248
Fe1.2546	Fe3.8601	1.50187	Ft3.2881	Ft7.1879	0.887008
Fe2.468	Fe5.3271	1.50174	Ft7.4029	Ft8.2496	0.886999
Fe3.9410	Fe5.8045	1.50163	Ft4.667	Ft4.4940	0.886653
Fe4.12052	Fe5.503	1.50113	Ft1.2831	Ft8.2562	0.886386
Fe1.8219	Fe4.3890	1.50099	Ft3.2049	Ft7.1431	0.886329
Fe5.12807	Fe7.3532	1.50085	Ft2.5161	Ft4.5177	0.886198
Fe4.4450	Fe8.9512	1.50078	Ft2.3565	Ft2.5478	0.886086
Fe5.2549	Fe6.3012	1.50076	Ft4.4094	Ft8.791	0.886065
Fe1.14025	Fe4.11466	1.50073	Ft2.6098	Ft3.624	0.885915
Fe2.8065	Fe3.8016	1.50068	Ft8.340	Ft8.4000	0.885903
Fe4.10668	Fe4.12591	1.50061	Ft1.1709	Ft2.142	0.885869
Fe4.7801	Fe7.6029	1.50039	Ft2.2713	Ft2.4016	0.885799
Fe1.10636	Fe6.8264	1.50031	Ft3.1398	Ft4.98	0.885704
Fe3.388	Fe8.11926	1.50022	Ft2.1047	Ft7.2565	0.885256
Fe6.5797	Fe8.8019	1.49994	Ft2.3205	Ft4.3813	0.885121
Fe4.10583	Fe7.6159	1.49975	Ft2.6315	Ft4.5641	0.884885
Fe1.2154	Fe4.3017	1.49953	Ft3.1569	Ft8.1064	0.884856
Fe6.8368	Fe8.2825	1.4995	Ft2.5587	Ft3.5206	0.884727
Fe2.8930	Fe3.6690	1.49948	Ft2.3041	Ft3.5724	0.884635
Fe2.9834	Fe2.13253	1.49931	Ft1.2466	Ft4.2564	0.884586
Fe2.2560	Fe7.3354	1.49916	Ft3.1522	Ft8.297	0.884424
Fe3.13743	Fe7.6204	1.49916	Ft4.1120	Ft4.3584	0.884315
Fe4.6967	Fe7.9955	1.49915	Ft5.1730	Ft7.3178	0.884105
Fe3.810	Fe6.10376	1.49868	Ft1.171	Ft1.2623	0.884023
Fe5.7912	Fe8.7215	1.49852	Ft2.3046	Ft3.1353	0.883802
Fe2.2768	Fe2.7070	1.49848	Ft4.4762	Ft7.2589	0.883791
Fe3.9125	Fe3.13356	1.49848	Ft3.2407	Ft7.647	0.883695
Fe1.9597	Fe5.10965	1.49845	Ft2.5918	Ft7.4187	0.883592
Fe3.8162	Fe6.11753	1.49841	Ft2.1039	Ft3.2111	0.883481
Fe5.13447	Fe7.3766	1.49839	Ft2.889	Ft3.2516	0.883411
Fe1.9073	Fe5.4624	1.49828	Ft7.5068	Ft8.4843	0.883136
Fe1.10863	Fe7.1453	1.49804	Ft7.2122	Ft7.3298	0.88288
Fe1.4415	Fe6.5135	1.49744	Ft1.1693	Ft2.164	0.882722
Fe5.12051	Fe7.3224	1.49718	Ft2.3267	Ft8.4055	0.882672
Fe3.3004	Fe6.8136	1.49716	Ft2.2055	Ft8.5151	0.882228
Fe6.3010	Fe6.3582	1.49687	Ft1.362	Ft6.959	0.88203
Fe2.8805	Fe5.9080	1.49661	Ft2.6093	Ft8.3391	0.881608
Fe1.7337	Fe7.11598	1.49639	Ft2.4510	Ft8.4318	0.881604
Fe3.9974	Fe5.7912	1.49612	Ft3.1925	Ft7.1741	0.881466
Fe2.3243	Fe2.11533	1.49601	Ft2.421	Ft5.398	0.880934
Fe5.11091	Fe5.13187	1.49595	Ft5.1154	Ft6.384	0.880931
Fe2.10555	Fe6.11876	1.49536	Ft3.5516	Ft4.786	0.880332
Fe2.9409	Fe8.11028	1.49507	Ft2.6594	Ft3.756	0.880312

Fe1.13929	Fe4.11193	1.49502	Ft2.889	Ft2.2856	0.880196
Fe2.10887	Fe7.1690	1.49492	Ft3.1861	Ft3.5128	0.880191
Fe3.601	Fe8.7664	1.49492	Ft2.4492	Ft4.5694	0.880162
Fe2.8610	Fe8.8867	1.49472	Ft2.5793	Ft4.5536	0.880112
Fe7.8077	Fe7.11689	1.49471	Ft3.4233	Ft7.482	0.880112
Fe3.3006	Fe4.174	1.4945	Ft3.1576	Ft8.1084	0.879967
Fe5.3933	Fe7.3708	1.49446	Ft6.1382	Ft8.4447	0.879657
Fe1.1903	Fe6.3824	1.49436	Ft2.2064	Ft8.861	0.87959
Fe2.6624	Fe7.6936	1.49436	Ft3.430	Ft4.885	0.879438
Fe1.8571	Fe5.6790	1.49405	Ft3.5518	Ft4.5773	0.879326
Fe2.6963	Fe8.10861	1.49405	Ft2.1088	Ft3.4739	0.878928
Fe2.2478	Fe8.1372	1.49404	Ft3.3512	Ft7.2956	0.878868
Fe1.4496	Fe4.3061	1.49383	Ft7.1052	Ft8.1253	0.878685
Fe1.3907	Fe2.10363	1.49362	Ft1.315	Ft4.1030	0.878498
Fe1.8192	Fe1.10321	1.49348	Ft3.2056	Ft4.2081	0.878385
Fe3.7985	Fe6.10261	1.49328	Ft2.840	Ft4.2135	0.877642
Fe2.9110	Fe5.9494	1.49324	Ft1.1502	Ft2.4891	0.877402
Fe4.1868	Fe6.10407	1.49321	HiC_scaffold_5_1	iC_scaffold_5_29	0.877373
Fe2.6605	Fe8.10759	1.49248	Ft2.3923	Ft2.5761	0.87734
Fe8.1126	Fe8.3646	1.49246	Ft3.4798	Ft8.4310	0.87727
Fe6.103	Fe7.2401	1.49239	Ft1.1764	Ft4.3959	0.877025
Fe7.7007	Fe8.2721	1.49228	Ft8.3496	Ft8.4534	0.877013
Fe3.1157	Fe8.6673	1.49187	Ft2.6474	Ft8.3606	0.876895
Fe3.14342	Fe4.3755	1.4916	Ft2.4633	Ft4.5451	0.876854
Fe2.11845	Fe5.503	1.49154	Ft4.1492	Ft4.3740	0.876725
Fe6.5399	Fe7.7405	1.49104	Ft3.1005	Ft8.2707	0.876495
Fe3.795	Fe8.6636	1.49088	Ft2.3801	Ft3.5478	0.876351
Fe5.4056	Fe8.2073	1.49084	Ft3.1018	Ft8.2732	0.876201
Fe2.13782	Fe3.14341	1.49083	Ft2.2972	Ft2.6584	0.87618
Fe6.4533	Fe8.5110	1.49069	Ft3.2953	Ft7.1052	0.876133
Fe1.10101	Fe8.9767	1.49068	Ft4.3548	Ft7.3454	0.876068
Fe2.11952	Fe8.10810	1.49063	Ft3.853	Ft8.3371	0.876047
Fe2.13957	Fe6.2622	1.49048	Ft2.1761	Ft8.4211	0.875938
Fe5.11001	Fe6.9115	1.49024	Ft7.3515	Ft8.109	0.875924
Fe2.9179	Fe8.11167	1.49015	Ft1.1468	Ft5.1728	0.875688
Fe2.10363	Fe3.13598	1.4901	Ft2.5664	Ft4.162	0.875298
Fe3.7997	Fe7.772	1.48995	Ft3.385	Ft4.839	0.874754
Fe1.6239	Fe5.1770	1.48961	Ft1.1910	Ft5.443	0.874621
Fe7.9640	Fe8.3289	1.4895	Ft2.6391	Ft8.1715	0.874589
Fe2.4154	Fe6.9837	1.48948	Ft2.5864	Ft6.953	0.874586
Fe4.5922	Fe6.5051	1.4893	Ft2.1785	Ft8.1714	0.874138
Fe4.14103	Fe4.14455	1.48928	Ft3.5740	Ft8.4552	0.874105
Fe3.13815	Fe4.519	1.48906	Ft2.393	Ft2.904	0.873948
Fe1.11983	Fe5.3791	1.48894	Ft2.5445	Ft3.1861	0.873899
Fe3.4590	Fe6.6040	1.4889	Ft2.4618	Ft3.1426	0.873862
Fe3.8677	Fe8.10138	1.48873	Ft2.5847	Ft7.1489	0.873795
Fe1.10890	Fe4.10336	1.48842	Ft3.5279	Ft6.3196	0.873791
Fe2.2560	Fe2.10254	1.48829	Ft3.2029	Ft8.2565	0.873775
Fe3.14326	Fe8.11542	1.48828	Ft1.611	Ft6.1141	0.87377
Fe3.9294	Fe6.11876	1.4882	Ft2.6020	Ft3.1932	0.873617
Fe6.10249	Fe7.11922	1.48798	Ft2.411	Ft3.1881	0.873403
Fe2.10776	Fe4.2302	1.48789	Ft2.3013	Ft5.1511	0.873072
Fe2.8610	Fe6.3761	1.4875	Ft4.5749	Ft6.319	0.873043
Fe3.3528	Fe6.9328	1.48748	Ft7.2190	Ft8.632	0.873012
Fe2.11445	Fe2.12007	1.48729	Ft2.2885	Ft2.6109	0.872971

Fe2.13231	Fe4.2129	1.48711	Ft4.2282	Ft7.1016	0.872766
Fe2.4647	Fe5.7819	1.48711	Ft3.5490	Ft8.3338	0.872576
Fe3.4856	Fe8.4427	1.4869	Ft2.4013	Ft2.5813	0.872409
Fe4.10993	Fe5.3474	1.48654	Ft2.2713	Ft7.4753	0.872251
Fe4.14445	Fe8.10580	1.48654	Ft2.3145	Ft8.4170	0.872154
Fe1.11356	Fe6.2750	1.48645	Ft5.1673	Ft7.3076	0.87213
Fe3.12283	Fe5.8034	1.48607	Ft3.365	Ft3.5128	0.872096
Fe1.10243	Fe4.5908	1.48594	Ft2.2974	Ft8.1239	0.871837
Fe5.9630	Fe8.2555	1.48573	Ft4.590	Ft6.428	0.871755
Fe4.13225	Fe6.7216	1.48572	Ft7.1384	Ft8.163	0.871453
Fe2.5060	Fe5.5786	1.48549	Ft2.5215	Ft4.5022	0.87145
Fe1.2088	Fe1.14138	1.4853	Ft3.3473	Ft8.1253	0.871202
Fe5.8435	Fe7.10543	1.48527	Ft2.3983	Ft2.5791	0.871156
Fe2.10234	Fe8.11624	1.48479	Ft3.3766	Ft7.1150	0.870936
Fe4.1916	Fe5.9772	1.48458	Ft7.3478	Ft7.4875	0.87078
Fe2.11533	Fe5.1163	1.48444	Ft2.2713	Ft3.1085	0.87064
Fe2.11276	Fe5.9330	1.48426	Ft2.4949	Ft7.3297	0.870557
Fe3.9713	Fe7.3633	1.48387	Ft6.3016	Ft7.4637	0.870373
Fe1.10943	Fe7.3833	1.48384	Ft2.393	Ft7.4781	0.870351
Fe2.8511	Fe7.12676	1.48374	Ft2.4547	Ft4.5670	0.869966
Fe1.12190	Fe4.13339	1.4836	Ft3.3495	Ft8.1284	0.869783
Fe7.12315	Fe8.3889	1.48339	Ft3.2881	Ft7.3013	0.869606
Fe3.14327	Fe8.11541	1.48299	Ft3.2953	Ft4.726	0.869492
Fe5.2519	Fe8.649	1.48298	Ft4.4513	Ft5.2116	0.869492
Fe3.7931	Fe6.10249	1.48296	Ft2.3593	Ft3.5240	0.86937
Fe6.919	Fe8.10175	1.48295	Ft4.1956	Ft8.3549	0.869201
Fe3.13974	Fe4.8400	1.48292	Ft1.1945	Ft4.1618	0.869144
Fe4.2015	Fe4.2921	1.48292	Ft2.3355	Ft8.4009	0.86883
Fe5.974	Fe6.1522	1.48292	Ft4.2048	Ft8.5260	0.868805
Fe2.4647	Fe3.5975	1.48278	Ft2.1089	Ft5.697	0.868702
Fe2.8612	Fe7.815	1.48274	Ft3.4059	Ft8.1619	0.86862
Fe3.3195	Fe7.12964	1.48258	Ft4.4122	Ft5.348	0.868158
Fe1.3503	Fe3.12537	1.48248	Ft7.4410	Ft8.4427	0.867889
Fe2.7644	Fe5.9789	1.48235	Ft3.873	Ft6.646	0.867885
Fe1.3329	Fe2.2478	1.48214	Ft2.4558	Ft2.5912	0.867471
Fe2.12180	Fe4.3631	1.48188	Ft3.2111	Ft7.3454	0.86739
Fe4.11554	Fe8.9678	1.48164	Ft2.5445	Ft6.844	0.867274
Fe3.12283	Fe6.10525	1.48162	Ft2.384	Ft7.4765	0.86722
Fe1.5470	Fe6.6340	1.48148	Ft4.1947	Ft4.4919	0.867113
Fe4.2038	Fe8.10865	1.48066	Ft3.4483	Ft6.1290	0.867042
Fe4.12052	Fe6.7896	1.48057	Ft2.1559	Ft4.5451	0.866952
Fe2.13352	Fe4.12244	1.48046	Ft4.2157	Ft4.6168	0.866805
Fe4.8299	Fe7.3724	1.48033	Ft2.6486	Ft8.3613	0.866708
Fe1.3226	Fe6.2819	1.48024	Ft1.472	Ft6.2528	0.866229
Fe5.10692	Fe8.10764	1.48023	Ft3.3814	Ft8.4778	0.866051
Fe6.9798	Fe7.12262	1.48018	Ft4.5680	Ft7.907	0.865736
Fe7.5938	Fe8.4653	1.47996	Ft2.2324	Ft3.989	0.865686
Fe1.9872	Fe3.4401	1.4798	Ft1.1956	Ft4.1633	0.865471
Fe2.1521	Fe3.12068	1.47944	Ft2.393	Ft7.1250	0.865356
Fe1.7165	Fe7.6377	1.47929	Ft1.1589	Ft8.2132	0.865173
Fe2.303	Hic.scaffold.9.798	1.47929	Ft3.584	Ft6.3281	0.865029
Fe1.9213	Fe2.3872	1.47918	Ft3.2111	Ft4.1120	0.864991
Fe3.1232	Fe6.1032	1.47909	Ft3.1139	Ft8.2790	0.864656
Fe2.11655	Hic.scaffold.9.270	1.47905	Ft2.5971	Ft4.5720	0.864339
Fe2.1094	Fe2.8187	1.47903	Ft4.753	Ft7.1016	0.864333

Fe1.2088	Fe6.4011	1.47901	Ft3.4201	Ft8.807	0.864209
Fe4.11554	Fe6.7093	1.47901	Ft3.942	Ft6.521	0.864095
Fe1.1751	Fe6.3755	1.47861	Ft3.290	Ft3.5128	0.863789
Fe1.11181	Fe2.1469	1.47854	Ft3.5490	Ft4.1873	0.863763
Fe3.5714	Fe7.11335	1.47854	Ft5.2221	Ft7.3633	0.863692
Fe3.5714	Fe5.6155	1.47846	Ft4.1807	Ft4.3429	0.863664
Fe3.1157	Fe4.13650	1.47843	Ft2.2477	Ft4.4340	0.863633
Fe1.7329	Fe6.6006	1.47833	Ft3.859	Ft8.777	0.863609
Fe1.1532	Fe2.9805	1.4781	Ft6.1276	Ft8.1821	0.86356
Fe2.9805	Fe6.2633	1.4781	Ft7.386	Ft7.776	0.863509
Fe3.1365	Fe8.1544	1.47809	Ft2.2194	Ft8.3914	0.863322
Fe1.11396	Fe6.6006	1.478	Ft1.2361	Ft2.5719	0.863091
Fe1.14539	Fe4.1929	1.47713	Ft2.4811	Ft8.3940	0.862933
Fe2.8279	Fe4.13766	1.47687	Ft3.3278	Ft7.1645	0.862765
Fe1.7669	Fe5.1718	1.4768	Ft3.936	Ft6.523	0.862541
Fe4.485	Fe5.1162	1.4764	Ft3.1892	Ft3.5070	0.862496
Fe4.5201	Fe7.2960	1.47604	Ft1.802	Ft6.1284	0.862251
Fe2.12864	Fe8.9051	1.47564	Ft1.617	Ft6.1135	0.862196
Fe3.4288	Fe8.11160	1.47557	Ft5.2005	Ft7.5253	0.862184
Fe3.167	Fe4.14188	1.47535	Ft2.1075	Ft2.5172	0.862183
Fe2.1132	Fe4.346	1.47515	Ft2.3092	Ft2.5951	0.862139
Fe1.11196	Fe5.13713	1.47501	Ft2.734	Ft4.3385	0.862004
Fe4.9906	Fe7.11459	1.47498	Ft4.1882	Ft5.498	0.86126
Fe6.9419	Fe7.6295	1.47493	Ft4.555	Ft5.116	0.861245
Fe4.1968	Fe7.3246	1.47467	Ft2.5211	Ft5.946	0.861033
Fe4.5014	Fe8.9262	1.47461	Ft2.4679	Ft8.657	0.861023
Fe1.4918	Fe3.8947	1.47447	Ft2.4016	Ft7.2474	0.860969
Fe2.13952	Fe6.2618	1.47429	Ft2.3721	Ft3.5416	0.86076
Fe1.7426	Fe8.2018	1.47428	Ft4.3548	Ft7.4906	0.860699
Fe2.1467	Fe7.5893	1.47402	HiC_scaffold_5_HiC_scaffold_5_22		0.86023
Fe1.9979	Fe7.11598	1.47399	Ft3.591	Ft4.3701	0.860135
Fe4.14285	Fe5.13507	1.47331	Ft6.1404	Ft8.3294	0.860131
Fe2.3081	Fe3.7369	1.47317	Ft5.2103	Ft7.3753	0.859757
Fe5.12377	Fe6.5572	1.47306	Ft2.3534	Ft4.4532	0.859274
Fe3.2961	Fe6.10332	1.47274	Ft5.612	Ft7.3848	0.859108
Fe3.12261	Hic.scaffold.12.161	1.47272	HiC_scaffold_5_HiC_scaffold_5_23		0.858993
Fe2.219	Fe2.6331	1.47254	Ft3.804	Ft8.3026	0.858885
Fe1.2083	Fe4.11738	1.47251	HiC_scaffold_5_HiC_scaffold_5_17		0.858396
Fe2.587	Fe3.2390	1.47239	Ft2.991	Ft4.2174	0.858356
Fe2.11975	Fe4.5047	1.47222	Ft3.2056	Ft7.3399	0.858337
Fe1.10144	Fe4.12402	1.47212	Ft2.1513	Ft7.1172	0.858322
Fe1.13989	Fe4.11321	1.47208	Ft7.4392	Ft8.4425	0.858177
Fe6.9598	Fe8.4110	1.47169	Ft4.3404	Ft6.1772	0.858154
Fe4.4924	Fe5.7378	1.47164	Ft2.3410	Ft2.5573	0.857749
Fe4.2921	Fe7.1050	1.47161	Ft4.4921	Ft8.1980	0.857661
Fe3.5763	Fe3.12200	1.47148	Ft1.2640	Ft6.43	0.85756
Fe3.3374	Fe6.4883	1.47139	Ft4.3844	Ft8.264	0.857442
Fe3.12316	Fe5.6573	1.4713	Ft5.2813	Ft7.2050	0.857421
Fe5.4056	Fe6.2195	1.47097	Ft8.340	Ft8.1722	0.857213
Fe3.1067	Fe5.167	1.47091	Ft2.384	Ft3.1380	0.856761
Fe4.9943	Fe7.1041	1.47084	Ft3.2441	Ft8.4437	0.856661
Fe1.10270	Fe4.813	1.47081	Ft2.833	Ft2.5918	0.856622
Fe1.9872	Fe6.9419	1.47072	Ft5.926	Ft8.2830	0.856548
Fe3.9225	Fe6.8490	1.47044	Ft2.4223	Ft3.5673	0.856509
Fe2.4922	Fe3.7446	1.4704	Ft2.3417	Ft3.5087	0.856332

Fe2.13820	Fe2.14199	1.47016
Fe1.279	Fe6.431	1.47011
Fe3.1971	Fe6.9419	1.47003
Fe2.342	Fe6.2337	1.46992
Fe3.5975	Fe7.6703	1.46989
Fe3.6800	Fe5.6636	1.46985
Fe5.12066	Fe6.10468	1.46983
Fe1.6231	Fe1.12032	1.46929
Fe2.2355	Fe4.6000	1.46907
Fe1.14460	Fe4.13748	1.46883
Fe2.11215	Fe2.13782	1.4688
Fe6.3358	Fe6.10958	1.4686
Fe5.70	Fe8.10608	1.46808
Fe2.2964	Fe4.11874	1.468
Fe3.1429	Fe3.2508	1.46788
Fe2.799	Fe6.11649	1.46783
Fe5.14404	Fe7.13374	1.46754
Fe3.1058	Fe5.11700	1.46746
Fe6.5477	Fe7.11335	1.46742
Fe2.13658	Fe8.11267	1.4674
Fe5.1448	Fe7.3366	1.46731
Fe4.714	Fe8.1703	1.46654
Fe1.10721	Fe4.569	1.46645
Fe1.6625	Fe5.6735	1.46629
Fe6.11694	Fe8.6848	1.46612
Fe3.13527	Fe7.127	1.46592
Fe2.13716	Fe8.11176	1.46568
Fe7.2586	Fe7.5110	1.46543
Fe2.4790	Fe7.11405	1.46527
Fe5.54	Hic.scaffold.11.162	1.4648
Fe2.5285	Fe6.7616	1.46465
Fe5.2969	Fe6.8428	1.46446
Fe7.382	Fe7.597	1.46438
Fe3.12055	Fe5.10625	1.46431
Fe2.10425	Fe8.9705	1.46422
Fe7.6108	Fe8.7750	1.46421
Fe7.7186	Fe7.13141	1.46367
Fe3.2803	Fe6.3582	1.46365
Fe2.4274	Fe3.7835	1.4636
Fe2.2560	Fe7.10938	1.46352
Fe4.5908	Fe8.5256	1.46344
Fe4.3961	Fe7.11598	1.46322
Fe3.13827	Fe4.2280	1.46308
Fe7.11163	Fe8.5307	1.46276
Fe5.8943	Fe8.11632	1.46261
Fe2.6322	Fe4.12272	1.46243
Fe4.872	Fe4.12451	1.46238
Fe1.11681	Fe6.9086	1.46224
Fe6.12130	Fe7.754	1.46214
Fe1.4315	Fe5.9722	1.46206
Fe4.10979	Fe6.5872	1.46205
Fe3.4693	Fe4.9493	1.46191
Fe1.14064	Fe6.4137	1.4619
Fe5.12731	Fe7.92	1.46189
Fe2.12156	Fe6.2177	1.46176
Ft1.1817	Ft4.1460	0.856301
Ft1.67	Ft2.6561	0.856181
Ft3.5745	Ft4.6015	0.856112
Ft7.1623	Ft7.3288	0.85605
Ft7.3454	Ft8.1552	0.855998
Ft2.2981	Ft4.6039	0.855762
Ft4.786	Ft8.5007	0.855495
Ft2.3921	Ft7.539	0.855447
Ft2.889	Ft3.1907	0.855421
Ft2.2618	Ft3.2881	0.855236
Ft3.1474	Ft8.3878	0.855138
Ft3.1090	Ft8.2756	0.855108
Ft2.1507	Ft7.1141	0.854851
Ft3.4483	Ft7.410	0.854704
Ft7.4906	Ft8.3294	0.854305
HiC_scaffold_5_2	iC_scaffold_5_36	0.854173
Ft2.1043	Ft8.2403	0.854166
Ft5.2792	Ft7.1964	0.854073
Ft1.1812	Ft4.1433	0.85384
Ft2.4446	Ft4.5720	0.853815
Ft7.4033	Ft8.2493	0.853464
Ft2.566	Ft4.3591	0.853116
Ft2.1869	Ft6.766	0.852918
Ft2.1315	Ft7.4348	0.852813
Ft7.3094	Ft7.4976	0.852677
Ft1.2598	Ft4.878	0.852488
Ft4.547	Ft6.384	0.852368
Ft3.2811	Ft8.1227	0.852151
Ft2.1803	Ft8.1227	0.852122
Ft2.3295	Ft2.5508	0.851747
Ft6.3327	Ft7.4838	0.851667
Ft7.3556	Ft8.45	0.851074
Ft2.6527	Ft8.3748	0.850875
Ft4.3701	Ft7.649	0.850826
Ft2.3443	Ft5.2963	0.850772
Ft3.1426	Ft8.163	0.850718
Ft2.4447	Ft7.4906	0.850303
Ft2.5777	Ft7.2407	0.850222
Ft2.1712	Ft6.727	0.850145
Ft3.1398	Ft6.652	0.850028
Ft2.904	Ft2.5609	0.849829
Ft3.1835	Ft4.444	0.849765
Ft5.2003	Ft7.5255	0.849727
Ft2.6440	Ft7.4875	0.849597
Ft4.2636	Ft7.3013	0.849519
Ft4.5664	Ft8.4358	0.849483
Ft7.397	Ft7.4106	0.849409
Ft3.1356	Ft7.4875	0.849278
Ft6.1276	Ft7.2474	0.849274
Ft2.3383	Ft3.5052	0.849149
Ft6.2232	Ft8.1585	0.848501
Ft1.1868	Ft4.1533	0.848425
Ft5.2009	Ft7.5239	0.848018
Ft5.1855	Ft7.5326	0.847902
Ft3.1864	Ft7.3071	0.847829

Fe2.4342	Fe8.9130	1.46174	Ft1.250	Ft6.853	0.847471
Fe4.14509	Fe8.9834	1.46172	Ft2.611	Ft4.3551	0.847435
Fe6.5960	Fe7.12250	1.4616	Ft3.3131	Ft6.665	0.847057
Fe2.1909	Fe4.12740	1.46144	Ft2.1911	Ft6.785	0.846858
Fe4.2165	Fe5.3271	1.46143	Ft4.98	Ft8.3338	0.846709
Fe2.2478	Fe4.9579	1.46121	Ft1.1618	Ft5.975	0.846459
Fe6.7446	Fe8.3745	1.46119	Ft3.694	Ft7.4781	0.846291
Fe5.12745	Fe7.5914	1.46117	Ft3.853	Ft7.3993	0.845924
Fe6.8334	Fe7.3633	1.46079	Ft2.671	Ft3.5516	0.845758
Fe4.13209	Fe7.12784	1.46074	Ft2.4507	Ft4.568	0.845567
Fe2.13806	Fe3.14138	1.46052	Ft2.4596	Ft7.1052	0.845378
Fe2.503	Hic.scaffold.11.359	1.46044	Ft2.669	Ft4.1692	0.845355
Fe4.3924	Fe5.3271	1.45989	Ft7.1623	Ft8.4211	0.845267
Fe1.14600	Fe4.14434	1.45981	Ft2.4203	Ft4.5745	0.844975
Fe5.8785	Fe6.11351	1.4598	Ft3.4154	Ft4.4412	0.844769
Fe1.7426	Fe8.2667	1.45956	Ft3.5484	Ft6.2231	0.844725
Fe6.4772	Fe7.6295	1.45946	Ft1.1260	Ft7.2305	0.844419
Fe2.2560	Fe5.3527	1.45934	Ft2.4074	Ft2.5851	0.844282
Fe6.11196	Fe8.4200	1.45896	Ft4.914	Ft7.3454	0.844267
Fe1.289	Fe5.333	1.45888	Ft2.4470	Ft4.5704	0.844135
Fe4.7968	Fe8.3180	1.45888	Ft3.2881	Ft4.5451	0.844058
Fe2.10394	Fe2.13157	1.45844	Ft2.5184	Ft4.5154	0.843871
Fe1.9444	Fe3.8580	1.45794	Ft5.1663	Ft7.3052	0.843557
Fe4.3412	Fe5.1342	1.45792	Ft1.1851	Ft5.413	0.843206
Fe1.505	Fe5.13604	1.4578	Ft4.4570	Ft5.2038	0.843107
Fe1.9277	Fe2.2722	1.45776	Ft4.1563	Ft5.436	0.842849
Fe4.5267	Fe8.9707	1.45735	Ft2.6601	Ft4.6015	0.842278
Fe1.10243	Fe3.5975	1.45719	Ft6.2472	Ft8.4310	0.841791
Fe4.11697	Fe7.11405	1.45704	Ft3.5700	Ft4.5984	0.841611
Fe2.13662	Fe8.11266	1.45698	Ft2.63	Ft4.4016	0.841427
Fe1.4511	Fe1.14066	1.45683	Ft2.4627	Ft7.1068	0.841135
Fe1.9979	Fe3.4479	1.45678	Ft2.1688	Ft2.3062	0.840752
Fe4.7088	Fe7.717	1.45626	Ft2.668	Ft7.4875	0.840608
Fe2.5088	Fe6.89	1.45619	Ft4.726	Ft7.5263	0.840582
Fe4.868	Fe4.12422	1.45606	Ft4.3881	Ft7.1820	0.840559
Fe3.12000	Fe5.3271	1.456	Ft1.2512	Ft6.1130	0.840292
Fe1.5218	Fe2.12484	1.45573	Ft4.1690	Ft8.4571	0.840261
Fe3.9236	Fe8.3309	1.45572	Ft2.6601	Ft3.5745	0.839956
Fe1.584	Fe3.12327	1.45566	HiC_scaffold_5_HiC_scaffold_5_13		0.839949
Fe1.12063	Fe3.10672	1.45551	Ft1.501	Ft6.1062	0.8397
Fe1.14431	Fe3.2042	1.45542	Ft1.2194	Ft4.1926	0.839465
Fe3.2050	Fe6.2282	1.45524	Ft2.991	Ft7.4781	0.839396
Fe5.12243	Fe7.8781	1.455	Ft3.2529	Ft7.4875	0.83908
Fe4.11557	Fe7.11335	1.45494	Ft1.1564	Ft4.772	0.839021
Fe2.12817	Fe8.9131	1.45487	Ft1.1943	Ft4.1614	0.83902
Fe2.13892	Fe3.13450	1.45411	Ft4.184	Ft6.249	0.838621
Fe3.6026	Fe7.4355	1.45398	Ft2.3802	Ft4.5842	0.838541
Fe4.3037	Fe7.11405	1.45396	Ft3.1104	Ft8.2761	0.838391
Fe2.3243	Fe6.3708	1.45384	Ft2.671	Ft7.3298	0.838039
Fe7.11455	Fe7.12145	1.45381	Ft2.5421	Ft3.5379	0.837876
Fe2.2416	Fe7.3233	1.45375	Ft4.885	Ft4.2135	0.837421
Fe4.9594	Fe5.2500	1.45367	Ft2.4637	Ft8.4906	0.837172
Fe2.2699	Fe5.12788	1.45332	Ft2.922	Ft7.5177	0.836789
Fe4.1305	Fe4.3943	1.45322	Ft1.2629	Ft4.906	0.836746
Fe6.10332	Fe8.3444	1.45313	Ft4.1917	Ft4.4941	0.836643

Fe2.4141	Fe3.11785	1.45302	Ft1.1682	Ft5.341	0.836629
Fe1.12560	Fe4.13530	1.45284	Ft4.1223	Ft7.2122	0.836587
Fe1.276	Fe6.435	1.45258	Ft2.4644	Ft4.4412	0.836531
Fe5.14456	Fe7.2539	1.45251	Ft4.4170	Ft6.1568	0.836491
Fe5.1707	Hic.scaffold.12.60	1.45247	Ft3.430	Ft7.4906	0.836429
Fe5.10733	Fe7.378	1.45224	Ft4.2883	Ft7.3993	0.836121
Fe5.14349	Fe7.11831	1.45203	Ft2.4534	Ft8.4343	0.835851
Fe1.9426	Fe4.12206	1.4518	Ft3.1060	Ft3.3473	0.835645
Fe1.6373	Fe5.10315	1.45161	Ft4.714	Ft8.5072	0.835474
Fe3.7618	Fe6.5477	1.45152	Ft3.756	Ft3.1398	0.83538
Fe1.14056	Fe4.11583	1.45151	Ft4.2716	Ft8.793	0.835349
Fe2.14064	Fe4.2817	1.45108	Ft4.918	Ft6.40	0.835145
Fe1.14637	Fe8.10455	1.45085	Ft4.1730	Ft7.2062	0.835136
Fe4.10186	Fe8.7809	1.45075	Ft6.213	Ft7.607	0.835107
Fe2.8833	Fe5.10880	1.45072	Ft3.60	Ft6.2093	0.835097
Fe2.6178	Fe6.12154	1.45066	Ft1.1713	Ft4.1249	0.835073
Fe3.651	Fe8.2110	1.45051	Ft7.5052	Ft8.1189	0.834704
Fe1.11818	Fe3.5975	1.45028	Ft2.2927	Ft3.756	0.834683
Fe4.306	Fe5.14360	1.45018	Ft1.2118	Ft5.496	0.833688
Fe3.9713	Fe6.11750	1.45012	Ft2.3193	Ft4.5969	0.833611
Fe3.5994	Fe4.9362	1.45003	Ft6.1806	Ft7.1865	0.83346
Fe4.11957	Fe6.4014	1.44996	Ft2.6440	Ft2.6611	0.83297
Fe2.13258	Fe3.12978	1.4498	Ft4.4142	Ft7.5263	0.832756
Fe2.2577	Fe6.9188	1.44965	Ft4.2036	Ft6.1404	0.832695
Fe3.11104	Fe8.11745	1.44964	Ft2.5944	Ft4.5686	0.832387
Fe1.4387	Fe2.7813	1.44941	Ft2.1821	Ft2.3335	0.832348
Fe1.2551	Fe1.13965	1.44933	Ft2.961	Ft4.2135	0.832155
Fe3.4479	Fe5.13035	1.44913	Ft1.568	Ft4.2553	0.83215
Fe1.6620	Fe8.4182	1.44858	Ft1.2481	Ft6.1101	0.832052
Fe3.9602	Fe7.9640	1.44841	Ft4.2543	Ft6.1103	0.831796
Fe4.3454	Fe4.11949	1.44833	Ft1.1979	Ft4.1653	0.831715
Fe4.3167	Fe5.7724	1.44827	Ft5.848	Ft7.4733	0.831154
Fe6.10809	Fe7.1193	1.44813	Ft2.2789	Ft3.1855	0.831115
Fe3.6199	Fe6.5269	1.44809	Ft3.3892	Ft8.2915	0.831098
Fe8.11202	Hic.scaffold.11.117	1.44808	Ft3.2823	Ft7.237	0.830834
Fe3.6199	Fe7.9820	1.44755	Ft2.961	Ft8.163	0.830647
Fe3.5975	Fe6.7216	1.44751	Ft7.4741	Ft8.2565	0.83035
Fe3.9006	Fe5.13194	1.4475	Ft2.5162	Ft4.5175	0.830333
Fe1.2801	Fe2.13470	1.44739	Ft4.455	Ft6.347	0.83013
Fe3.4570	Fe3.12968	1.44737	Ft2.3169	Ft3.3948	0.830007
Fe5.12260	Fe8.3914	1.44691	Ft2.5691	Ft4.5474	0.829966
Fe2.11724	Fe4.2756	1.44687	Ft2.2561	Ft7.4753	0.829763
Fe2.14308	Fe7.829	1.44685	Ft3.768	Ft8.271	0.829519
Fe5.1409	Fe7.3267	1.44681	Ft7.970	Ft7.3046	0.829441
Fe4.10589	Fe6.1507	1.44676	Ft4.1779	Ft7.1859	0.829342
Fe1.14508	Fe3.14511	1.44675	HiC_scaffold_5_2	iC_scaffold_5_34	0.82928
Fe5.3581	Fe8.12064	1.44667	Ft2.384	Ft3.2828	0.829184
Fe6.9526	Fe8.4322	1.44662	Ft2.3037	Ft8.632	0.829111
Fe4.6876	Fe6.8238	1.44613	Ft4.1013	Ft6.879	0.828809
Fe2.2560	Fe5.9792	1.44599	Ft2.3910	Ft7.2956	0.82879
Fe5.12457	Fe7.2123	1.4454	Ft5.1739	Ft7.5180	0.828742
Fe5.3158	Fe5.13011	1.44535	Ft7.1052	Ft7.1250	0.828699
Fe4.2794	Fe8.11284	1.44522	Ft7.260	Ft8.3999	0.82864
Fe1.9073	Fe3.9713	1.44519	Ft2.3027	Ft2.6608	0.828415
Fe4.2190	Fe8.11624	1.44519	Ft8.3533	Ft8.4237	0.828316

Fe1.7932	Fe8.1361	1.44501	Ft4.2157	Ft7.3288	0.828294
Fe3.2769	Fe7.619	1.4449	Ft3.1216	Ft7.3993	0.828286
Fe1.10890	Fe2.1571	1.4448	Ft1.639	Ft5.1191	0.828231
Fe3.1971	Fe5.9386	1.4448	Ft1.796	Ft5.2341	0.828104
Fe1.7337	Fe1.10158	1.44479	Ft2.3418	Ft2.5579	0.828087
Fe6.12154	Fe7.10749	1.44468	Ft2.280	Ft6.1602	0.827884
Fe1.7426	Fe8.732	1.44458	Ft3.2107	Ft7.1280	0.827781
Fe2.13676	Fe8.11232	1.44453	Ft4.3782	Ft7.4906	0.827431
Fe1.3625	Fe8.834	1.44437	Ft4.4798	HiC.scaffold.5.180	0.827271
Fe6.1461	Fe8.11096	1.44436	Ft2.2984	Ft3.3495	0.827177
Fe6.3358	Fe7.8241	1.44431	Ft2.5853	Ft3.5595	0.826836
Fe4.8742	Fe6.5193	1.44404	Ft2.1883	Ft8.1305	0.826699
Fe1.4819	Fe3.7455	1.44387	Ft5.1773	Ft7.5097	0.826475
Fe1.12095	Fe7.3967	1.44384	Ft5.1976	Ft7.4449	0.826296
Fe3.2864	Fe6.7616	1.44381	Ft3.3592	Ft7.2190	0.826287
Fe6.11638	Fe7.9790	1.44372	Ft2.5201	Ft7.4915	0.826023
Fe2.10362	Fe3.12347	1.44307	Ft6.3025	Ft7.4632	0.825988
Fe4.14533	Hic.scaffold.13.153	1.44278	HiC_scaffold_5_2	iC_scaffold_5_27	0.825885
Fe3.9122	Fe4.9409	1.44246	Ft5.1519	Ft8.4525	0.82579
Fe2.13813	Fe3.14127	1.44241	Ft5.2755	Ft6.1806	0.82577
Fe5.6356	Fe6.9425	1.44232	Ft1.2279	Ft4.2092	0.825726
Fe1.4197	Fe7.5893	1.44217	Ft3.1883	Ft3.2950	0.82564
Fe1.6520	Fe2.12095	1.44204	Ft3.1835	Ft8.746	0.825443
Fe6.651	Fe8.10498	1.44204	Ft2.5199	Ft4.5096	0.825411
Fe3.1607	Fe4.11085	1.44161	Ft1.856	Ft6.2008	0.82537
Fe4.2849	Fe8.1650	1.44146	Ft5.1698	Ft7.3128	0.825283
Fe4.9594	Fe8.9686	1.44134	Ft2.2561	Ft4.3782	0.825246
Fe3.603	Fe8.7668	1.44131	Ft5.2766	Ft7.1906	0.825014
Fe2.11592	Fe8.11187	1.44114	Ft3.826	Ft8.225	0.825012
Fe1.9979	Fe8.678	1.4411	Ft3.5371	Ft4.5823	0.824845
Fe2.11394	Fe8.9150	1.44071	Ft4.4142	Ft6.1552	0.824701
Fe3.5648	Fe5.2360	1.44057	Ft3.2953	Ft4.2972	0.824615
Fe4.11322	Fe6.4304	1.44054	Ft4.5348	Ft4.6242	0.82457
Fe4.14487	Fe8.9789	1.4404	Ft2.4214	Ft2.6018	0.824534
Fe8.10637	Hic.scaffold.11.162	1.44029	Ft7.2300	Ft8.496	0.824422
Fe5.1567	Fe5.12772	1.44016	Ft3.1287	Ft6.3580	0.824366
Fe3.12675	Fe4.8402	1.44014	Ft3.2953	Ft4.4340	0.824196
Fe4.525	Fe4.12994	1.43999	Ft2.6228	Ft8.3996	0.824192
Fe3.2728	Fe7.12669	1.43998	Ft2.1890	Ft3.3216	0.82403
Fe7.4393	Fe8.8333	1.43965	Ft4.3206	Ft7.1601	0.823932
Fe1.13325	Fe4.8216	1.43923	Ft5.1596	Ft7.2885	0.823903
Fe2.11286	Fe3.14385	1.4392	Ft2.668	Ft2.4126	0.823843
Fe4.14165	Fe6.497	1.43908	Ft3.1253	Ft5.244	0.823832
Fe5.6198	Fe7.3560	1.43892	Ft3.1353	Ft3.5029	0.823801
Fe1.392	Fe6.2578	1.43885	Ft3.3800	Ft8.4772	0.823409
Fe2.1521	Fe7.3724	1.43863	Ft4.1015	Ft6.882	0.823114
Fe2.818	Fe4.237	1.43862	Ft3.3512	Ft7.4753	0.822998
Fe5.1700	Fe7.12963	1.43842	Ft2.2644	Ft4.4933	0.822986
Fe6.2397	Fe8.11316	1.43841	Ft4.5172	Ft8.1783	0.822937
Fe5.5663	Fe7.4800	1.43835	Ft5.1668	Ft7.3068	0.822899
Fe5.13219	Fe7.3893	1.43775	Ft1.1982	Ft4.1657	0.822609
Fe4.2854	Fe7.3896	1.43765	Ft1.434	Ft6.1014	0.822513
Fe3.9114	Fe6.5364	1.4375	Ft2.5051	Ft8.1635	0.822504
Fe1.535	Fe2.13955	1.43741	Ft3.1282	Ft4.667	0.82237
Fe1.8213	Fe8.3180	1.4371	Ft3.1907	Ft3.5510	0.821964

Fe3.8580	Fe8.1511	1.43708
Fe2.11592	Fe2.13705	1.43705
Fe1.78	Fe6.2353	1.43687
Fe7.3560	Fe7.7067	1.4368
Fe6.6006	Fe7.11335	1.43657
Fe7.11405	Fe8.3444	1.43657
Fe4.5545	Fe6.6916	1.43626
Fe4.3795	Fe7.9790	1.43625
Fe5.503	Fe8.10206	1.43624
Fe1.5101	Fe7.1687	1.43607
Fe2.3229	Fe6.3455	1.43599
Fe2.11198	Fe4.3760	1.43598
Fe1.11125	Fe4.12999	1.43592
Fe3.13384	Fe5.3283	1.43579
Fe4.5885	Fe8.4104	1.43578
Fe1.10571	Fe7.11267	1.43574
Fe3.4692	Fe6.3123	1.43569
Fe1.2109	Fe6.4084	1.43546
Fe3.1157	Fe8.1607	1.43539
Fe3.9602	Fe6.9419	1.43536
Fe3.765	Fe8.6450	1.43519
Fe5.11122	Fe7.159	1.43506
Fe3.3240	Fe7.11283	1.4349
Fe1.11775	Fe5.3172	1.43478
Fe1.14309	Fe3.2211	1.43478
Fe3.12229	Fe8.7981	1.43442
Fe4.7159	Fe5.11015	1.43433
Fe4.3787	Fe6.6383	1.43427
Fe5.1700	Fe8.12014	1.43421
Fe3.8899	Fe5.5594	1.43418
Fe2.2560	Fe6.1190	1.43415
Fe2.1521	Fe4.11957	1.43339
Fe3.7038	Fe7.7564	1.43336
Fe4.14376	Fe5.81	1.433
Fe2.4647	Fe5.10842	1.43297
Fe1.11407	Fe8.757	1.4329
Fe2.8010	Hic.scaffold.13.241	1.43275
Fe5.12338	Fe7.1988	1.43226
Fe2.10016	Fe5.8968	1.43196
Fe1.1625	Fe6.3696	1.4319
Fe3.13598	Hic.scaffold.13.215	1.43183
Fe1.12845	Fe2.9828	1.43173
Fe1.1324	Fe3.5101	1.43168
Fe3.6071	Fe6.110	1.43168
Fe1.9404	Fe8.7856	1.43164
Fe1.4597	Fe5.6155	1.43158
Fe6.3630	Fe7.11689	1.43151
Fe1.1884	Fe1.14165	1.4314
Fe3.2620	Fe8.10456	1.43124
Fe1.11900	Fe2.9957	1.43093
Fe5.6198	Fe6.9342	1.43038
Fe3.4422	Fe4.8299	1.43006
Fe1.9164	Fe2.8697	1.42993
Fe2.6798	Fe8.10820	1.4299
Fe1.5096	Fe8.4065	1.42989

Ft2.4126	Ft8.3878	0.82182
Ft2.5269	Ft4.4914	0.821795
Ft3.694	Ft8.195	0.821655
Ft4.1873	Ft4.2081	0.821522
Ft2.200	Ft8.1683	0.821377
Ft4.5588	Ft7.5241	0.821323
Ft3.1018	Ft6.2949	0.821249
Ft2.3037	Ft4.1873	0.820933
Ft1.915	Ft2.4734	0.820392
Ft2.401	Ft4.3917	0.82031
Ft3.1224	Ft5.217	0.820309
Ft8.3478	Ft8.4561	0.820107
Ft2.4102	Ft3.5526	0.820066
Ft2.2897	Ft3.638	0.819949
Ft4.2883	Ft7.2891	0.81994
Ft1.2626	Ft4.905	0.819813
Ft8.3466	Ft8.4582	0.819345
Ft4.4489	Ft5.2153	0.819341
Ft4.1120	Ft8.195	0.819315
Ft2.3041	Ft8.4560	0.819255
Ft4.5146	Ft8.1819	0.819002
Ft7.2474	Ft7.3478	0.81894
Ft6.1060	Ft7.369	0.818908
Ft4.1771	Ft8.4561	0.818719
Ft4.1153	Ft4.3548	0.818643
Ft2.1161	Ft2.2345	0.818579
Ft4.104	Ft7.3019	0.818509
Ft1.454	Ft6.2500	0.818467
Ft6.3248	Ft8.281	0.818163
Ft2.6121	Ft3.127	0.818071
Ft3.4234	Ft3.4528	0.818041
Ft3.4618	Ft3.5490	0.817947
Ft8.1585	Ft8.1885	0.817647
Ft2.3365	Ft4.5920	0.817559
Ft2.2558	Ft7.3222	0.817499
Ft7.5101	Ft8.4642	0.816919
Ft2.3771	Ft3.5439	0.816845
Ft2.991	Ft2.1304	0.816805
Ft4.226	Ft8.3769	0.816523
Ft5.111	Ft6.392	0.81624
Ft3.2575	Ft6.2499	0.815559
Ft1.629	Ft1.2553	0.815163
Ft3.965	Ft8.443	0.815108
Ft4.1498	Ft4.3733	0.81459
Ft2.3037	Ft3.722	0.814533
Ft1.2488	Ft4.2542	0.814165
HiC_scaffold_5_1	iC_scaffold_5_38	0.813825
Ft2.4222	Ft7.3912	0.813605
Ft2.961	Ft7.5251	0.813549
Ft3.1838	Ft7.5263	0.813548
Ft4.6190	Ft6.1631	0.81345
Ft2.6057	Ft8.4587	0.813425
Ft3.334	Ft3.1380	0.813375
Ft3.1932	Ft8.2468	0.813185
Ft7.393	Ft7.1938	0.813045

Fe6.2663	Fe6.3681	1.42989	Ft4.865	Ft7.2414	0.812825
Fe1.10015	Fe2.8010	1.42978	Ft2.4511	Ft4.5686	0.812497
Fe1.1476	Fe3.4760	1.42898	Ft3.1420	Ft8.3013	0.812382
Fe2.2165	Fe4.12393	1.42894	Ft7.3454	Ft8.4455	0.811977
Fe3.3063	Fe7.5014	1.42888	Ft2.2808	Ft3.1426	0.811935
Fe3.5889	Fe4.6185	1.42888	Ft2.4644	Ft8.4571	0.811864
Fe2.9994	Fe6.10249	1.42857	Ft5.1945	Ft7.4516	0.811696
Fe6.2941	Fe6.10249	1.42825	Ft3.5447	Ft6.1290	0.811688
Fe4.11584	Fe6.7602	1.4282	Ft2.201	Ft2.5214	0.811468
Fe2.5185	Fe4.9661	1.42809	Ft2.5052	Ft8.1634	0.811436
Fe2.9375	Fe8.11058	1.42782	Ft8.1284	Ft8.3294	0.81126
Fe3.579	Fe6.9290	1.42765	Ft8.3712	Ft8.4166	0.810891
Fe2.10766	Fe2.12981	1.42752	Ft5.2780	Ft7.1917	0.810335
Fe2.3817	Fe4.8406	1.42695	Ft4.4265	Ft7.482	0.810281
Fe7.833	Fe8.7348	1.42692	Ft3.4482	Ft4.3704	0.810216
Fe4.3422	Fe5.1380	1.42632	Ft3.1835	Ft8.3371	0.810148
Fe2.2577	Fe5.4473	1.4263	Ft4.176	Ft6.251	0.809751
Fe1.5580	Fe4.5622	1.42625	Ft6.2851	Ft7.2295	0.809653
Fe3.4261	Fe6.5717	1.42605	Ft4.1601	Ft5.448	0.809644
Fe4.7159	Fe4.8749	1.42599	Ft2.840	Ft3.826	0.809443
Fe6.3708	Fe7.7710	1.42585	Ft2.3686	Ft8.4625	0.809083
Fe3.6366	Fe5.10977	1.42575	Ft3.5095	Ft8.4695	0.808985
Fe3.1157	Fe8.2114	1.42486	Ft5.1110	Ft6.2857	0.808583
Fe1.13467	Fe4.13938	1.42485	Ft3.3282	Ft8.2405	0.808491
Fe5.6573	Fe6.5140	1.42483	Ft6.1037	Ft8.3523	0.808115
Fe1.13768	Fe4.13803	1.4247	Ft1.2181	Ft4.1909	0.807635
Fe4.712	Fe5.13030	1.4245	Ft4.358	Ft7.4741	0.807497
Fe1.2586	Fe8.3595	1.42438	Ft4.1805	Ft8.1835	0.8074
Fe2.9640	Fe8.10965	1.42428	Ft3.2412	Ft7.639	0.807301
Fe2.2577	Fe2.4702	1.42413	HiC_scaffold_5_2	iC_scaffold_5_34	0.807042
Fe1.9047	Fe6.10778	1.42388	Ft2.3078	Ft2.6633	0.806925
Fe2.8187	Fe6.2941	1.42376	Ft4.2074	Ft4.2174	0.806918
Fe4.2898	Fe8.11319	1.42364	Ft3.1714	Ft6.2949	0.806771
Fe3.8693	Fe4.9693	1.42358	Ft1.2771	Ft4.1100	0.806755
Fe5.3736	Fe6.5269	1.42332	Ft3.2394	Ft7.659	0.806563
Fe2.2405	Fe5.4795	1.42321	Ft3.1520	Ft8.2888	0.806279
Fe3.5749	Fe3.12055	1.42292	Ft2.5853	Ft7.4875	0.805969
Fe2.10352	Fe8.5269	1.42244	Ft2.6408	Ft7.4906	0.805968
Fe2.11930	Fe3.3997	1.42232	Ft1.1884	Ft5.431	0.805907
Fe4.3037	Fe8.7348	1.42229	Ft5.1641	Ft7.3012	0.805699
Fe1.2541	Fe1.5470	1.42216	Ft4.1386	Ft5.373	0.805466
Fe1.14504	Fe2.9179	1.42201	Ft2.2378	Ft4.4128	0.805397
Fe1.3625	Fe5.2458	1.42184	Ft2.2927	Ft2.5910	0.805062
Fe3.12068	Fe7.3558	1.42183	Ft4.1731	Ft7.1820	0.804849
Fe3.13746	Fe4.2165	1.42172	Ft4.4944	Ft8.2610	0.804819
Fe1.13196	Fe2.10974	1.42163	Ft1.1960	Ft4.1636	0.804619
Fe2.10522	Fe5.8600	1.42142	Ft3.1881	Ft3.5516	0.80448
Fe5.12502	Fe7.6232	1.4212	Ft3.4214	Ft4.2174	0.804459
Fe3.8823	Fe6.9908	1.42107	Ft3.1909	Ft7.1686	0.804046
Fe3.6095	Fe7.11689	1.42094	Ft2.5153	Ft4.5185	0.803926
Fe4.14381	Hic.scaffold.11.226	1.4208	Ft2.2858	Ft7.638	0.803842
Fe1.13218	Fe2.13488	1.42064	Ft4.186	Ft7.186	0.803745
Fe3.8326	Fe6.4905	1.42062	Ft3.1253	Ft7.2420	0.803581
Fe4.14485	Fe6.761	1.42059	Ft2.4525	Ft6.3391	0.803508
Fe2.10808	Fe2.12953	1.42054	Ft2.3081	Ft2.6636	0.80319

Fe1.9661	Fe5.13967	1.42024	Ft2.5734	Ft4.5486	0.803154
Fe5.10692	Fe6.3485	1.42023	Ft1.2262	Ft4.2048	0.803077
Fe2.9012	Fe3.14558	1.42007	Ft7.2652	Ft8.3007	0.803032
Fe1.6584	Fe5.10001	1.41982	Ft3.3337	Ft3.3608	0.803019
Fe3.12055	Fe8.7458	1.41967	Ft3.879	Ft6.844	0.802899
Fe6.9425	Fe8.2071	1.41951	Ft2.5054	Ft4.4236	0.80282
Fe2.12868	Fe3.9155	1.41933	Ft1.1676	Ft5.340	0.802784
Fe2.9898	Fe3.13014	1.41929	Ft7.2316	Ft7.4781	0.802634
Fe2.14071	Fe8.11303	1.41926	Ft2.1559	Ft4.1938	0.802619
Fe3.13366	Fe4.2854	1.41923	Ft1.2457	Ft4.2600	0.802095
Fe1.14324	Fe8.7953	1.41914	Ft5.2013	Ft7.5225	0.801478
Fe2.468	Fe6.8428	1.41887	Ft2.5162	Ft8.1782	0.80119
Fe4.8368	Fe7.4412	1.41886	Ft6.2046	Ft7.3564	0.801132
Fe5.9386	Fe7.11455	1.41884	Ft3.2312	Ft7.3383	0.800997
Fe2.9665	Fe8.7426	1.4188	Ft2.432	Ft4.3883	0.80085
Fe2.12175	Fe6.3087	1.41858	Ft5.1979	Ft7.4448	0.800555
Fe1.12619	Fe4.13530	1.41856	Ft3.2516	Ft6.844	0.800246
Fe2.4647	Fe3.9363	1.41843	Ft4.5801	Ft8.4603	0.800177
Fe1.10785	Fe2.1580	1.4184	Ft3.1071	Ft8.1260	0.799866
Fe4.2700	Fe7.55	1.41835	Ft2.2383	Ft3.4843	0.799784
Fe1.10053	Fe4.11545	1.41834	Ft3.3574	Ft7.3325	0.799764
Fe3.4464	Fe8.8131	1.41818	Ft4.786	Ft4.4764	0.799706
Fe4.10558	Fe8.3507	1.41795	Ft5.2664	Ft6.1249	0.79953
Fe8.4065	Fe8.6637	1.41785	Ft7.5101	Ft8.2374	0.799208
Fe3.9122	Fe8.1583	1.41784	Ft5.1996	Ft7.5272	0.79915
Fe2.5164	Fe3.1790	1.41772	Ft2.2270	Ft3.2953	0.799047
Fe2.1643	Hic.scaffold.9.192	1.41763	Ft5.1646	Ft7.3034	0.798959
Fe2.6048	Fe7.6295	1.41759	Ft2.393	Ft8.1724	0.798545
Fe1.13626	Fe6.3251	1.4175	Ft2.2828	Ft3.3417	0.798135
Fe3.7446	Fe6.9837	1.41724	Ft2.2359	Ft3.5516	0.797885
Fe3.3071	Fe7.11701	1.41721	Ft2.5073	Ft4.5316	0.797167
Fe8.2339	Fe8.2831	1.41687	HiC_scaffold_5_1	HiC_scaffold_5_34	0.797061
Fe3.6640	Fe3.8743	1.41627	Ft3.1927	Ft4.3295	0.797055
Fe6.7896	Fe7.12618	1.41591	Ft5.156	Ft6.481	0.796872
Fe3.13746	Fe6.3485	1.41587	Ft5.1999	Ft7.5260	0.796841
Fe4.4882	Fe7.2855	1.4158	Ft2.89	Ft4.4062	0.796651
Fe4.11554	Fe6.9342	1.41551	Ft4.2630	Ft8.466	0.79651
Fe4.3461	Fe6.5364	1.41526	Ft2.3016	Ft2.6603	0.796333
Fe3.5900	Fe7.6387	1.41499	Ft4.2548	Ft6.1101	0.796093
Fe2.2726	Fe8.702	1.41488	Ft4.667	Ft8.5118	0.796074
Fe1.1927	Fe1.14149	1.41464	Ft2.5253	Ft4.1731	0.79583
Fe1.14408	Fe4.13709	1.41456	Ft2.4222	Ft4.3394	0.795825
Fe2.12914	Fe8.11028	1.41451	Ft3.1159	Ft8.2795	0.795806
Fe1.14516	Fe8.11521	1.41428	Ft7.272	Ft8.3963	0.795717
Fe2.11467	Fe3.4105	1.41409	Ft2.5250	Ft4.4955	0.795385
Fe4.14485	Fe6.725	1.41402	Ft7.419	Ft8.3281	0.795303
Fe4.3727	Fe7.11163	1.41391	Ft1.408	Ft1.2797	0.795206
Fe4.10727	Fe6.10229	1.41341	Ft7.2948	Ft7.4915	0.795162
Fe3.4072	Fe4.7855	1.41316	Ft3.3604	Ft4.2753	0.795105
Fe4.346	Fe6.1549	1.41299	Ft2.4050	Ft2.5834	0.794821
Fe6.9414	Fe8.9628	1.41298	Ft3.1196	Ft8.2935	0.794547
Fe4.1031	Hic.scaffold.9.614	1.41278	Ft4.4798	HiC.scaffold.5.373	0.794521
Fe5.14392	Fe7.13262	1.41261	Ft4.3227	Ft7.1619	0.794497
Fe1.11775	Fe4.2097	1.41244	Ft1.2385	Ft7.4915	0.794399
Fe1.13735	Fe6.3183	1.41244	Ft2.5470	Ft3.5235	0.794081

Fe5.4049	Fe7.3556	1.41239	Ft1.422	Ft4.1141	0.793787
Fe4.5622	Fe8.1433	1.4123	Ft3.1759	Ft8.2562	0.793746
Fe3.14315	Fe5.9259	1.41227	Ft1.356	Ft6.952	0.793745
Fe2.4138	Fe6.10332	1.41202	Ft2.6371	Ft5.2678	0.793576
Fe3.59	Fe8.534	1.41176	Ft1.909	Ft6.1542	0.793382
Fe2.9583	Fe8.10976	1.41168	Ft3.5447	Ft7.4719	0.793282
Fe5.14158	Fe6.2695	1.41133	Ft1.1693	Ft4.4138	0.793273
Fe6.3573	Fe6.6212	1.41127	Ft2.2190	Ft6.827	0.79304
Fe6.12249	Fe7.663	1.41125	Ft8.1227	Ft8.4312	0.79298
Fe3.14589	Fe6.4603	1.41122	Ft1.2098	Ft4.1831	0.792934
Fe1.4867	Fe7.1624	1.41117	Ft2.4751	Ft8.5007	0.792857
Fe4.3812	Fe5.10515	1.41094	Ft4.4153	Ft7.393	0.792766
Fe3.4262	Fe3.8790	1.41073	Ft4.1665	Ft7.1068	0.792008
Fe5.6155	Fe6.5477	1.41048	Ft1.1708	Ft5.350	0.791909
Fe2.8412	Fe5.2221	1.41041	Ft1.1724	Ft6.745	0.791849
Fe1.12270	Fe4.13261	1.41037	Ft2.1039	Ft3.423	0.791393
Fe2.1707	Fe7.3818	1.41033	Ft2.275	Ft7.604	0.791291
Fe5.13041	Fe6.315	1.4103	Ft6.3679	Ft7.2615	0.791156
Fe1.12705	Hic.scaffold.12.123	1.40991	Ft5.1649	Ft7.3039	0.790648
Fe5.13077	Fe6.319	1.40979	Ft2.2563	Ft8.1176	0.79049
Fe4.9448	Fe5.9970	1.40972	Ft3.2398	Ft7.654	0.790467
Fe1.6690	Fe8.1641	1.40952	Ft4.4001	Ft8.835	0.790442
Fe3.2747	Fe4.705	1.40928	Ft2.1206	Ft8.3920	0.790381
Fe1.2155	Fe1.14062	1.4092	Ft2.429	Ft4.1286	0.790045
Fe4.7634	Fe6.9185	1.40918	Ft2.3290	Ft8.4049	0.789902
Fe1.2640	Fe4.11196	1.40912	Ft4.4951	Ft8.1957	0.789877
Fe2.4647	Fe3.12068	1.40887	Ft2.5445	Ft6.17	0.789785
Fe4.3672	Fe8.9553	1.40886	Ft3.1132	Ft8.2777	0.789638
Fe5.3903	Fe7.3724	1.40873	Ft3.2084	Ft3.5128	0.789613
Fe3.12342	Fe4.3371	1.40807	Ft3.5523	Ft5.2948	0.789191
Fe1.2820	Fe6.4663	1.40805	Ft4.305	Ft6.291	0.78918
Fe5.10530	Fe7.3556	1.4076	Ft2.2271	Ft8.3960	0.788874
Fe1.9872	Fe8.5691	1.40728	Ft2.2927	Ft4.98	0.788776
Fe6.10249	Fe8.3766	1.40714	Ft2.5385	Ft7.4697	0.7886
Fe4.766	Hic.scaffold.10.312	1.40692	Ft4.98	Ft4.2570	0.788585
Fe1.2057	Fe1.14126	1.40672	Ft1.596	Ft6.1110	0.788498
Fe3.9122	Fe7.4441	1.40668	Ft3.1838	Ft3.3219	0.788386
Fe1.13201	Fe3.4482	1.40641	Ft4.493	Ft6.406	0.787771
Fe2.12257	Fe4.3026	1.40638	Ft4.2509	Ft6.1110	0.787672
Fe5.2581	Fe5.5956	1.40633	Ft1.1988	Ft4.3498	0.787636
Fe8.7795	Fe8.9209	1.40617	Ft1.2572	Ft4.836	0.787598
Fe2.12747	Fe4.4760	1.40614	Ft3.2450	Ft7.4906	0.787365
Fe5.2766	Fe7.662	1.4061	Ft2.2477	Ft4.726	0.787359
Fe3.5975	Fe7.5564	1.40604	Ft2.3345	Ft2.5524	0.787323
Fe2.9759	Fe8.10644	1.40602	Ft3.605	Ft8.2905	0.787302
Fe4.8406	Fe6.9484	1.40595	HiC_scaffold_5_HiC_scaffold_5_23		0.78719
Fe1.11017	Fe4.12995	1.40578	Ft2.4131	Ft7.539	0.787132
Fe4.1619	Fe4.2701	1.40577	Ft5.1618	Ft7.2945	0.786998
Fe1.14053	Fe4.11572	1.40576	Ft2.1865	Ft2.4222	0.785839
Fe3.1359	Fe8.1559	1.40575	Ft3.1060	Ft3.1356	0.785815
Fe2.9791	Fe8.10894	1.40558	Ft2.969	Ft3.2090	0.785811
Fe7.5943	Fe8.5007	1.40553	Ft7.920	Ft7.5251	0.785802
Fe4.6042	Fe6.11750	1.40548	Ft4.839	Ft8.4534	0.785764
Fe2.1615	Fe4.12829	1.40545	Ft3.3236	Ft7.1623	0.78563
Fe2.362	Fe8.9460	1.40542	Ft1.296	Ft4.1012	0.785412

Fe1.9769	Fe4.681	1.40517	Ft2.4317	Ft4.1873	0.785388
Fe3.9856	Fe6.12154	1.40508	Ft3.130	Ft8.739	0.785174
Fe1.204	Fe2.12145	1.40464	Ft2.4224	Ft2.6006	0.785137
Fe3.12337	Hic.scaffold.9.288	1.40452	Ft4.363	Ft6.320	0.785022
Fe4.5499	Fe8.9192	1.40439	Ft2.2765	Ft7.2131	0.784608
Fe6.9655	Fe8.10730	1.40439	Ft3.1347	Ft5.1160	0.784467
Fe3.9030	Fe8.10238	1.40427	Ft3.2084	Ft7.2316	0.783564
Fe2.7755	Fe4.2991	1.40352	Ft3.1398	Ft4.3929	0.783337
Fe4.3037	Fe6.5797	1.40325	Ft3.879	Ft3.1838	0.782953
Fe1.2695	Fe1.13924	1.40314	Ft2.824	Ft3.4618	0.78269
Fe4.1808	Fe4.9693	1.40313	Ft5.211	Ft6.2041	0.782268
Fe1.11219	Fe2.1422	1.4029	Ft2.6455	Ft7.1599	0.7821
Fe5.12728	Fe7.88	1.40226	Ft4.1347	Ft5.387	0.781663
Fe2.13779	Fe3.14360	1.40191	Ft4.208	Ft8.3748	0.781186
Fe2.7665	Hic.scaffold.10.207	1.40154	Ft3.5660	Ft5.2923	0.780976
Fe2.13317	Fe4.3582	1.40147	Ft2.5098	Ft4.5234	0.780908
Fe2.7471	Fe7.1440	1.40147	Ft4.4219	Ft6.1602	0.780757
Fe2.8422	Fe8.2746	1.40136	Ft4.553	Ft5.114	0.78058
Fe3.7105	Fe4.7634	1.40126	Ft4.1236	Ft5.354	0.780544
Fe4.13041	Fe5.1147	1.40091	Ft2.1761	Ft7.2316	0.780419
Fe4.6127	Fe6.9702	1.4009	Ft4.6058	Ft8.4517	0.779988
Fe2.13760	Fe5.9321	1.40088	Ft3.4121	Ft4.2036	0.779907
Fe1.12321	Fe4.13437	1.40081	Ft1.2029	Ft4.1698	0.779726
Fe1.6570	Fe2.3243	1.40055	Ft5.1832	Ft7.5299	0.7797
Fe6.9185	Fe7.6936	1.40037	Ft1.2090	Ft5.483	0.779573
Fe2.12678	Fe8.9449	1.40018	Ft2.1813	Ft6.755	0.779318
Fe7.4317	Fe8.3397	1.40018	Ft5.1512	Ft8.4538	0.77929
Fe5.8230	Fe7.6414	1.40008	Ft2.3455	Ft3.4469	0.779114
Fe3.7618	Fe6.6006	1.39998	Ft3.1907	Ft4.5472	0.778804
Fe1.12095	Fe5.10129	1.39983	Ft2.658	Ft4.3508	0.778803
Fe5.1567	Fe7.3498	1.39954	Ft1.888	Ft2.4715	0.778724
Fe6.2152	Fe7.4386	1.39949	Ft2.6469	Ft8.4843	0.778562
Fe4.5705	Fe4.9936	1.39948	Ft5.2843	Ft7.4291	0.778338
Fe3.608	Fe8.7707	1.39936	Ft2.1514	Ft7.1099	0.777663
Fe2.13532	Fe4.3353	1.39896	Ft8.1276	Ft8.2069	0.777635
Fe2.959	Fe3.6800	1.39865	Ft2.3047	Ft4.1917	0.777505
Fe1.10449	Fe7.12938	1.39864	Ft3.1881	Ft4.2081	0.777425
Fe2.10576	Fe5.8566	1.39844	Ft2.1843	Ft7.5177	0.777283
Fe3.5648	Fe4.3795	1.3981	Ft4.2960	Ft4.3865	0.77704
Fe2.13604	Fe2.14078	1.398	Ft3.672	Ft8.2842	0.776952
Fe6.4477	Fe7.8241	1.39796	Ft4.6005	Ft8.1724	0.776929
Fe2.8610	Fe5.6198	1.39788	Ft1.2709	Ft4.992	0.776917
Fe4.1514	Fe4.3861	1.39778	Ft4.1571	Ft5.440	0.776894
Fe1.12261	Fe4.13265	1.3976	Ft5.1651	Ft7.3042	0.776809
Fe2.2577	Fe7.6232	1.39752	Ft7.2920	Ft7.3298	0.776722
Fe6.5616	Fe6.9526	1.39746	Ft2.6436	Ft4.5595	0.776245
Fe3.1124	Fe5.11904	1.39703	Ft2.1609	Ft6.822	0.776217
Fe4.11293	Fe6.5336	1.39672	Ft3.689	Ft8.2824	0.776122
Fe4.13599	Fe7.3708	1.39667	Ft2.384	Ft3.1861	0.775645
Fe2.8529	Fe7.11142	1.39652	Ft7.5177	Ft8.4508	0.775433
Fe1.14138	Fe6.4011	1.39647	Ft3.1653	Ft8.78	0.775332
Fe7.7526	Fe7.12894	1.39633	Ft4.4854	Ft8.2081	0.775234
Fe2.2560	Fe2.13303	1.39616	Ft2.2502	Ft4.839	0.775197
Fe4.1697	Fe7.8137	1.39604	Ft1.1442	Ft7.4007	0.77473
Fe2.11701	Fe4.14183	1.39589	Ft5.1653	Ft7.3048	0.774695

Fe7.13172	Fe8.3298	1.39576	Ft7.4875	Ft8.3712	0.774588
Fe5.13605	Hic.scaffold.9.414	1.3956	Ft4.172	Ft6.255	0.774521
Fe1.4703	Fe2.4451	1.39549	Ft3.3218	Ft8.1229	0.774398
Fe4.13800	Fe8.11088	1.39525	Ft3.494	Ft4.2224	0.774244
Fe4.8742	Fe7.12380	1.39503	Ft3.2817	Ft5.644	0.773862
Fe2.1467	Fe6.9494	1.39476	Ft3.3217	Ft7.1052	0.773674
Fe5.13367	Fe8.9926	1.39459	Ft4.1186	Ft5.336	0.773004
Fe4.3961	Fe8.678	1.39431	Ft1.1512	Ft8.410	0.7728
Fe3.7040	Fe4.8406	1.39422	Ft2.43	Ft4.3999	0.772785
Fe2.5085	Fe4.9252	1.39358	Ft2.449	Ft3.1520	0.772694
Fe1.2576	Fe6.10260	1.3935	Ft1.1512	Ft8.3417	0.772424
Fe2.2315	Fe4.929	1.39349	Ft1.2714	Ft4.1008	0.77214
Fe4.1248	Fe8.9612	1.3931	Ft2.4557	Ft4.4933	0.772118
Fe2.13280	Fe8.11982	1.39283	Ft2.824	Ft3.2084	0.772094
Fe3.6127	Fe3.10362	1.39267	Ft4.885	Ft8.2888	0.771872
Fe2.7768	Fe3.6667	1.39252	Ft1.1270	Ft8.487	0.771865
Fe3.9856	Fe5.5020	1.39236	Ft2.5856	Ft4.5500	0.771708
Fe5.3329	Fe8.8847	1.39214	Ft1.2020	Ft2.672	0.771447
Fe2.8511	Fe5.11664	1.39203	Ft2.5272	Ft4.4905	0.771257
Fe2.11749	Fe8.3507	1.39199	Ft5.1967	Ft7.4465	0.771087
Fe3.5899	Fe5.13520	1.39199	Ft4.6005	Ft8.195	0.771066
Fe2.10925	Fe2.13435	1.39194	Ft3.913	Ft3.989	0.771007
Fe3.7985	Fe7.3560	1.39154	Ft2.4565	Ft8.4367	0.770831
Fe4.3746	Fe8.10983	1.39147	Ft2.4317	Ft4.1938	0.770723
Fe1.14117	Fe6.3930	1.39133	Ft3.613	Ft8.2892	0.770695
Fe3.13814	Fe7.5054	1.3912	Ft3.2035	Ft8.40	0.770481
Fe2.3243	Fe7.3560	1.39099	Ft8.548	Ft8.1821	0.770397
Fe3.11094	Fe8.11750	1.39073	Ft3.1303	Ft6.3576	0.770358
Fe2.13255	Fe3.12964	1.39068	Ft2.3118	Ft4.1774	0.770325
Fe2.9245	Fe4.2019	1.39041	Ft7.4419	Ft8.4430	0.770186
Fe4.8368	Fe6.8264	1.39036	Ft7.3454	Ft7.4906	0.77006
Fe3.14582	Fe8.11475	1.39023	Ft2.1734	Ft7.3867	0.769967
Fe1.10100	Hic.scaffold.10.463	1.38999	HiC_scaffold_5_HiC_scaffold_5_38		0.769586
Fe8.3507	Hic.scaffold.9.270	1.38999	Ft2.1178	Ft2.2314	0.769461
Hic.scaffold.10.144	Hic.scaffold.9.288	1.38979	Ft3.1262	Ft8.165	0.769348
Fe2.11940	Fe6.4516	1.38959	Ft4.2636	Ft6.1552	0.769269
Fe6.888	Fe8.9981	1.38957	Ft7.1599	Ft8.4166	0.769242
Fe2.4138	Fe4.3037	1.38944	Ft3.4991	Ft3.5311	0.768923
Fe3.14494	Fe5.9494	1.38941	Ft8.679	Ft8.2008	0.768879
Fe3.436	Fe8.7049	1.38936	Ft3.3142	Ft6.660	0.768779
Fe2.4513	Fe5.8003	1.38929	Ft2.1532	Ft8.3371	0.768662
Fe1.4157	Fe6.5477	1.38922	Ft5.84	Ft6.353	0.76854
Fe4.10540	Fe6.10782	1.38894	Ft2.5853	Ft8.1227	0.768511
Fe2.12175	Fe6.2883	1.38824	Ft1.226	Ft4.952	0.76845
Fe1.8557	Fe8.8813	1.38819	Ft2.3836	Ft4.5475	0.768404
Fe3.139	Fe8.12130	1.38819	Ft1.466	Ft6.1032	0.768335
Fe2.10879	Fe6.4297	1.3881	Ft2.4117	Ft7.4915	0.767953
Fe3.5642	Fe6.4340	1.38795	Ft2.1756	Ft7.2159	0.767939
Fe1.8230	Fe1.10195	1.38794	Ft1.1209	Ft7.3475	0.767828
Fe3.13366	Fe6.8422	1.38792	Ft2.4722	Ft6.1550	0.767801
Fe6.1878	Fe7.9788	1.38784	Ft1.1512	Ft8.4725	0.767437
Fe3.5457	Fe5.6573	1.38777	Ft2.2270	Ft6.844	0.767323
Fe4.1245	Fe8.9623	1.38738	Ft2.3560	Ft2.5482	0.767237
Fe5.12839	Fe8.10719	1.38735	Ft3.3170	Ft4.3163	0.767144
Fe5.4049	Fe8.9268	1.38734	Ft7.649	Ft7.1623	0.767107

Fe2.3019	Fe7.8507	1.38726
Fe1.5858	Fe5.1700	1.38718
Fe2.13878	Fe8.5948	1.38694
Fe1.10195	Fe4.3739	1.38629
Fe3.4590	Fe8.8089	1.38608
Fe1.5089	Fe7.3382	1.38606
Fe6.6287	Fe7.5678	1.38579
Fe5.8548	Fe6.11200	1.38572
Fe4.10815	Fe5.3351	1.3857
Fe1.5232	Fe2.12483	1.38565
Fe3.5642	Fe5.11904	1.38563
Fe4.5133	Fe6.9985	1.38533
Fe2.1588	Fe4.12901	1.3852
Fe3.4679	Fe6.754	1.3852
Fe6.8428	Fe7.3651	1.3852
Fe3.13527	Fe6.3103	1.38518
Fe2.10568	Fe2.13078	1.38504
Fe2.14030	Fe3.10139	1.38494
Fe2.11276	Fe2.13755	1.38445
Fe5.8003	Fe7.6029	1.38414
Fe4.3760	Fe6.5797	1.38392
Fe3.161	Fe7.5554	1.38389
Fe3.5749	Hic.scaffold.13.175	1.38382
Fe1.7583	Fe8.10029	1.38362
Fe3.3063	Fe4.7846	1.38357
Fe1.14478	Fe4.13797	1.38346
Fe4.2101	Fe8.10894	1.38323
Fe5.12534	Fe7.2149	1.3832
Fe3.9974	Fe6.5477	1.38317
Fe4.10727	Fe5.3172	1.38302
Fe3.11829	Fe5.12788	1.38286
Fe2.6141	Fe6.10090	1.38285
Fe6.5269	Fe7.8320	1.38281
Fe3.5588	Fe5.12828	1.38249
Fe4.9579	Fe6.10224	1.38245
Fe2.2148	Fe4.842	1.38216
Fe2.2917	Fe4.1264	1.38179
Fe1.875	Hic.scaffold.9.877	1.38154
Fe5.9308	Fe6.11754	1.3814
Fe4.6042	Fe4.8299	1.38132
Fe2.8461	Fe3.782	1.38109
Fe1.5023	Fe1.14182	1.38101
Fe1.14169	Fe4.11887	1.38093
Fe3.11611	Fe8.11720	1.38083
Fe1.9277	Fe5.3275	1.38061
Fe3.13728	Fe7.3708	1.38059
Fe7.5826	Fe8.3746	1.38058
Fe6.3103	Fe7.7710	1.38057
Fe5.499	Fe6.1223	1.3804
Fe2.8364	Fe3.751	1.38024
Fe5.3523	Fe6.8013	1.37972
Fe6.9419	Fe7.7153	1.37965
Fe4.8742	Fe7.6018	1.37964
Fe4.5700	Fe8.9102	1.37926
Fe3.8580	Fe8.5464	1.37923
Ft5.1724	Ft7.3151	0.766992
Ft2.3286	Ft2.5498	0.766536
Ft2.3499	Ft2.5688	0.76649
Ft2.4435	Ft2.5987	0.766458
Ft2.4077	Ft2.5854	0.766299
Ft7.259	Ft8.4003	0.766222
Ft3.1027	Ft6.2952	0.766168
Ft2.4633	Ft4.4153	0.765914
Ft5.1956	Ft7.4486	0.765828
Ft4.2157	Ft8.3294	0.765609
Ft1.2675	Ft6.15	0.765419
Ft3.2753	Ft7.5177	0.764984
Ft2.4664	Ft7.3118	0.76488
Ft1.203	Ft1.2643	0.764557
Ft4.502	Ft6.394	0.764403
Ft2.6408	Ft7.419	0.764369
Ft1.71	Ft6.1469	0.76413
Ft1.2131	Ft2.1109	0.764057
Ft3.5541	Ft5.1042	0.763915
Ft1.1910	Ft4.1581	0.763912
Ft4.4778	HiC.scaffold.5.88	0.763599
Ft3.3746	Ft7.2023	0.763534
Ft1.722	Ft6.1234	0.763396
Ft2.6451	Ft4.5581	0.76336
Ft2.4222	Ft6.1044	0.763226
Ft3.820	Ft8.3036	0.763215
Ft4.4797	HiC.scaffold.5.174	0.76316
Ft1.582	Ft6.1105	0.76312
Ft2.2270	Ft4.2636	0.762983
Ft3.1861	Ft6.3269	0.762971
Ft6.1115	Ft8.4123	0.762966
Ft2.4222	Ft3.1380	0.762871
Ft2.332	Ft4.6233	0.762862
Ft3.666	Ft7.3943	0.762698
Ft4.952	Ft6.13	0.76239
Ft2.4128	Ft2.6056	0.762268
Ft2.2927	Ft2.5253	0.762247
Ft2.3106	Ft4.1717	0.762229
Ft1.402	Ft6.987	0.762028
Ft4.98	Ft7.3027	0.761902
Ft4.4632	Ft7.4799	0.761875
Ft8.2612	Ft8.4533	0.761863
Ft5.86	Ft6.355	0.76144
Ft2.423	Ft8.2004	0.761395
Ft7.876	Ft7.5329	0.761165
Ft1.2686	Ft6.4	0.760952
Ft2.2713	Ft7.4976	0.760943
Ft4.2741	Ft8.1578	0.760841
Ft1.41	Ft6.1415	0.760767
Ft7.3115	Ft7.4952	0.760632
Ft2.5918	Ft4.814	0.760349
Ft6.3406	Ft8.1227	0.760254
Ft2.6594	Ft7.4875	0.759704
Ft2.551	Ft4.3608	0.759548
Ft4.403	Ft6.328	0.759319

Fe2.11272	Fe4.2551	1.37877	Ft3.1744	Ft3.2721	0.758708
Fe2.313	Fe2.6627	1.37863	Ft2.5918	Ft7.4906	0.758669
Fe2.6661	Fe8.10769	1.37858	Ft2.5285	Ft4.4896	0.758621
Fe5.1636	Fe5.12792	1.37835	Ft4.2479	Ft6.1130	0.758495
Fe3.3004	Fe6.5797	1.37834	Ft3.3236	Ft8.2612	0.758308
Fe2.13384	Fe6.4313	1.37827	Ft3.1318	Ft7.1096	0.758243
Fe4.12272	Fe7.6383	1.37784	Ft5.2055	Ft7.3809	0.758106
Fe2.2622	Fe4.1186	1.37769	Ft4.1191	Ft7.203	0.757688
Fe2.8850	Fe4.5622	1.37756	Ft1.635	Ft1.2560	0.757676
Fe5.12988	Fe7.3765	1.37752	Ft3.1437	Ft8.257	0.757462
Fe6.2322	Fe8.9719	1.37745	Ft2.3045	Ft3.5715	0.757395
Fe1.13370	Fe3.8580	1.37737	Ft2.482	Ft4.3789	0.757242
Fe1.14642	Fe2.14306	1.37729	Ft4.2081	Ft8.4211	0.757074
Fe2.4702	Fe2.13272	1.377	Ft2.4661	Ft3.2973	0.757064
Fe1.12095	Fe4.6031	1.37698	Ft4.3548	Ft8.3478	0.75705
Fe3.6224	Fe5.40	1.37691	Ft7.1243	Ft7.1645	0.756825
Fe4.4722	Fe4.9017	1.3769	Ft2.3205	Ft8.2462	0.756681
Fe5.12788	Fe6.9306	1.37679	Ft1.251	Ft6.855	0.756483
Fe5.13606	Fe6.2596	1.37634	Ft2.5848	Ft4.5512	0.756394
Fe2.503	Fe3.11980	1.37621	Ft2.1781	Ft8.1723	0.756378
Fe7.8655	Fe8.3289	1.37611	Ft2.3624	Ft2.5464	0.75631
Fe1.4127	Fe7.11284	1.37592	Ft4.1849	Ft5.485	0.756266
Fe3.13356	Fe4.5602	1.37558	Ft2.1883	Ft3.989	0.756102
Fe2.10439	Fe3.13632	1.37555	Ft7.2159	Ft8.2008	0.756063
Fe4.1268	Fe4.4012	1.37486	Ft7.1879	Ft8.195	0.755802
Fe3.1067	Fe4.13578	1.3747	Ft7.482	Ft7.1649	0.755564
Fe4.14442	Fe8.3539	1.37468	Ft2.3325	Ft4.4456	0.755377
Fe1.6236	Fe8.10868	1.37458	Ft3.5003	Ft8.4700	0.755055
Fe5.12788	Fe6.9754	1.37448	Ft2.1046	Ft2.1376	0.754962
Fe7.11405	Fe8.2158	1.37428	Ft1.1450	Ft7.4011	0.754919
Fe2.9668	Fe5.1161	1.37415	Ft2.6492	Ft8.3621	0.754915
Fe6.40	Fe8.11764	1.37408	Ft5.2017	Ft7.5222	0.754912
Fe2.4702	Fe6.9526	1.37406	Ft1.1512	Ft3.1786	0.754831
Fe7.420	Fe7.550	1.37393	Ft3.1060	Ft7.1052	0.754541
Fe7.11751	Fe8.7140	1.37392	Ft2.2561	Ft8.4310	0.754468
Fe4.8765	Fe5.5098	1.37364	Ft7.5148	Ft8.2434	0.754238
Fe1.773	Fe6.2779	1.37354	Ft4.4276	Ft7.3399	0.754116
Fe1.8571	Fe7.11555	1.37312	Ft3.4233	Ft4.1745	0.75401
Fe1.12288	Fe4.13433	1.37275	Ft2.3098	Ft8.4224	0.75355
Fe5.3635	Fe8.2721	1.37271	Ft4.6049	Ft5.1537	0.75344
Fe6.876	Fe8.9981	1.37185	Ft3.1008	Ft3.1300	0.753258
Fe2.11204	Fe5.9258	1.37134	Ft4.262	Ft5.47	0.752987
Fe3.4102	Fe3.5867	1.3711	Ft2.113	Ft4.4092	0.752806
Fe2.5041	Fe7.7153	1.37108	Ft1.1945	Ft2.606	0.752626
Fe3.164	Fe5.163	1.37099	Ft1.1862	Ft5.418	0.752567
Fe5.4056	Fe7.3558	1.37097	Ft4.1917	Ft7.3289	0.752147
Fe1.12802	Fe7.3720	1.3709	Ft5.2043	Ft7.3816	0.752036
Fe6.5687	Fe7.6691	1.37079	Ft3.756	Ft7.4906	0.751742
Fe4.7855	Fe6.9086	1.37078	Ft3.1386	Ft3.3477	0.751286
Fe3.11992	Fe5.8021	1.37076	Ft8.4166	Ft8.4793	0.751155
Fe5.1700	Fe6.11634	1.37064	Ft2.3968	Ft2.6421	0.750811
Fe3.4401	Fe8.1641	1.3706	Ft3.1380	Ft8.4211	0.750709
Fe1.6243	Fe7.466	1.37058	Ft7.1591	Ft7.1820	0.750443
Fe4.9132	Fe6.11179	1.37048	Ft2.1883	Ft2.6408	0.750219
Fe3.10625	Fe7.12946	1.37044	Ft1.2274	Ft4.2089	0.750124

Fe2.10601	Fe5.10692	1.37028	Ft2.3204	Ft2.6611	0.750007
Fe4.566	Fe6.1694	1.37021	Ft4.2239	Ft8.807	0.749898
Fe1.12245	Fe4.13278	1.37015	Ft2.6069	Ft8.1305	0.749816
Fe2.13792	Fe2.14150	1.37014	Ft3.4154	Ft4.4320	0.749748
Fe1.3335	Fe3.5420	1.3699	Ft1.2069	Ft4.1744	0.749683
Fe2.2478	Fe6.2941	1.36986	Ft2.1904	Ft7.1992	0.749576
Fe6.9342	Fe8.7981	1.3697	Ft3.5416	Ft4.5801	0.749135
Fe6.6006	Fe6.9185	1.3694	Ft3.3236	Ft7.1150	0.7491
Fe8.1433	Fe8.4104	1.36936	Ft3.590	Ft3.4798	0.749096
Fe4.14569	Fe6.858	1.36934	Ft4.5472	Ft8.3294	0.748954
Fe5.1161	Fe7.3088	1.36933	Ft2.1753	Ft3.4619	0.748867
Fe4.2896	Fe5.11979	1.36928	Ft3.3453	Ft7.1292	0.748854
Fe1.3625	Fe3.7276	1.36925	Ft2.718	Ft4.3409	0.748773
Fe3.3063	Fe4.5446	1.36923	Ft2.1047	Ft7.2922	0.748736
Fe1.10449	Fe5.13472	1.36884	Ft2.2468	Ft2.3040	0.74859
Fe4.5764	Fe4.7979	1.3685	Ft3.1052	Ft6.2961	0.748548
Fe6.7709	Fe8.4104	1.36843	Ft3.65	Ft6.2098	0.748492
Fe3.2961	Fe7.4893	1.36832	Ft2.4484	Ft2.5956	0.748438
Fe4.11440	Fe6.4250	1.36824	Ft2.1883	Ft7.4952	0.747435
Fe4.13645	Fe6.4011	1.36804	Ft6.211	Ft7.608	0.747298
Fe2.9352	Fe8.11071	1.36799	Ft3.253	Ft8.4477	0.747124
Fe2.10225	Fe3.13374	1.36783	Ft2.1074	Ft2.5390	0.747106
Fe4.3961	Fe4.5556	1.3674	Ft1.202	Ft6.38	0.746679
Fe5.12788	Fe6.3455	1.36734	Ft1.636	Ft6.1163	0.746542
Fe1.7583	Fe8.3507	1.36728	Ft2.2477	Ft4.157	0.746283
Fe7.608	Fe8.6284	1.36724	Ft2.3968	Ft2.5782	0.746238
Fe3.6267	Fe3.10421	1.36712	Ft3.1365	Ft4.185	0.746198
Fe2.9680	Fe8.10950	1.36695	Ft6.3361	Ft7.4705	0.746181
Fe2.7148	Fe3.12667	1.36681	Ft2.1533	Ft3.2121	0.746146
Fe3.2864	Fe6.11750	1.36672	Ft4.1917	Ft6.3406	0.745994
Fe2.516	Fe4.12173	1.36666	Ft2.5253	Ft4.4941	0.745993
Fe2.2790	Fe4.1248	1.36641	Ft7.4405	Ft8.4426	0.745937
Fe1.11070	Fe2.1545	1.36621	Ft2.3227	Ft8.4098	0.7457
Fe1.4597	Fe1.7329	1.36566	Ft2.3502	Ft8.4673	0.745385
Fe6.96	Fe8.11793	1.36533	HiC_scaffold_5_1	HiC_scaffold_5_38	0.745384
Fe5.13050	Fe7.3812	1.36507	Ft2.5951	Ft6.3269	0.745322
Fe2.4687	Fe3.10362	1.36494	Ft3.1426	Ft4.753	0.745034
Fe3.6267	Fe6.96	1.36487	Ft2.147	Ft4.4117	0.744987
Fe5.9102	Fe7.11231	1.36486	Ft1.1773	Ft5.385	0.744928
Fe2.11071	Fe8.9694	1.36461	Ft3.778	Ft6.3182	0.744885
Fe3.14318	Fe5.9258	1.36442	Ft3.2030	Ft4.3105	0.74472
Fe2.11666	Fe2.13677	1.36437	Ft2.2440	Ft8.4731	0.74468
Fe1.2258	Fe1.14110	1.36435	Ft2.2754	Ft8.1835	0.744515
Fe6.962	Fe8.10151	1.36435	Ft2.182	Ft4.4156	0.744508
Fe5.3640	Fe6.8102	1.36373	Ft3.5004	Ft4.1156	0.744369
Fe3.468	Fe8.7409	1.36345	Ft4.299	Ft6.285	0.744305
Fe1.10645	Fe4.12843	1.36341	Ft2.4045	Ft7.2652	0.744265
Fe4.11697	Fe5.9103	1.3633	Ft5.1643	Ft7.3029	0.743934
Fe2.8504	Fe3.813	1.36316	Ft2.3849	Ft2.5709	0.743882
Fe2.9777	Fe8.10908	1.36314	Ft7.2802	Ft8.3281	0.743729
Fe2.8594	Fe4.2097	1.36311	Ft7.920	Ft7.3013	0.743349
Fe5.6573	Fe7.12316	1.36299	Ft3.879	Ft3.1986	0.743331
Fe4.7024	Fe7.709	1.36289	Ft4.5310	Ft6.1488	0.743266
Fe1.14162	Hic.scaffold.12.122	1.36269	Ft2.3013	Ft8.4550	0.743236
Fe4.3924	Fe6.4603	1.36269	Ft2.1803	Ft3.4201	0.742915

Fe1.9262	Fe6.4681	1.36267	Ft4.1745	Ft8.3370	0.742557
Fe5.1435	Fe7.3708	1.36263	Ft2.5258	Ft4.4930	0.742479
Fe6.9328	Fe7.2619	1.36259	HiC_scaffold_5_{iC_scaffold_5_20		0.742141
Fe4.915	Hic.scaffold.10.512	1.36252	Ft4.113	Ft8.1484	0.742136
Fe3.9114	Fe8.1616	1.36245	Ft1.503	Ft6.1063	0.742067
Fe7.12938	Fe8.8152	1.36204	Ft2.2879	Ft3.1426	0.742002
Fe1.2089	Fe6.4033	1.36186	Ft4.1919	Ft4.2157	0.741962
Fe2.10246	Fe3.13435	1.36185	Ft2.6504	Ft8.3653	0.741958
Fe7.11689	Fe8.7096	1.36183	Ft3.712	Ft8.2804	0.7419
Fe4.876	Hic.scaffold.10.464	1.36173	Ft2.6598	Ft8.4550	0.741713
Fe4.8568	Fe6.9419	1.3617	Ft2.4078	Ft2.5856	0.741495
Fe2.10262	Fe3.3374	1.36167	Ft3.5490	Ft4.3535	0.741481
Fe4.5346	Fe6.11633	1.36157	Ft2.1606	Ft6.824	0.741313
Fe3.5930	Fe5.4049	1.36127	Ft1.1819	Ft4.1461	0.740861
Fe1.6690	Fe1.11892	1.36097	Ft4.6136	Ft6.1642	0.740801
Fe5.2581	Fe6.11750	1.36047	Ft4.3584	Ft8.3496	0.740609
Fe7.464	Hic.scaffold.10.460	1.36043	Ft1.2106	Ft5.491	0.740584
Fe2.11453	Fe2.12009	1.36037	Ft4.1330	Ft4.3934	0.74058
Fe3.1946	Fe7.6671	1.3603	Ft4.4287	Ft8.1268	0.740465
Fe2.14291	Fe8.12045	1.36016	Ft1.1767	Ft2.15	0.740322
Fe2.1347	Fe7.6108	1.36003	Ft4.2934	Ft7.2956	0.740259
Fe4.4857	Fe8.9282	1.35995	Ft1.1724	Ft5.359	0.740231
Fe5.13604	Hic.scaffold.9.411	1.35993	Ft1.2040	Ft4.1705	0.74005
Fe1.473	Fe4.2896	1.35973	Ft3.2355	Ft6.2789	0.739981
Fe5.4179	Fe6.9425	1.3594	Ft6.1357	Ft8.4470	0.739929
Fe2.13699	Fe6.7616	1.35931	Ft7.1158	Ft7.1719	0.739833
Fe2.2699	Fe5.6573	1.35928	Ft2.2294	Ft8.1552	0.739788
Fe4.13598	Fe8.10475	1.35925	Ft3.1779	Ft7.2555	0.739782
Fe4.1968	Fe4.4882	1.35922	Ft5.40	Ft6.245	0.739575
Fe1.7337	Fe6.10236	1.35861	Ft3.1838	Ft4.5409	0.739545
Fe5.12839	Fe7.3556	1.35825	Ft2.6449	Ft8.3570	0.739389
Fe1.11121	Fe5.1143	1.35819	Ft2.6167	Ft7.3070	0.739258
Fe7.1202	Fe8.10785	1.35819	Ft2.5253	Ft7.2058	0.73898
Fe3.3789	Fe8.10066	1.3581	Ft7.450	Ft8.1790	0.738872
Fe2.11130	Fe2.13512	1.35798	Ft3.1047	Ft6.2960	0.738572
Fe5.3935	Fe7.1679	1.35783	Ft3.826	Ft6.2268	0.738543
Fe2.10301	Fe6.5477	1.35778	Ft2.6440	Ft7.5177	0.738407
Fe1.12063	Fe7.3633	1.35772	Ft2.2499	Ft7.4946	0.738224
Fe4.12327	Fe6.9150	1.35771	Ft3.1861	Ft6.844	0.738094
Fe4.6042	Fe8.5307	1.35765	Ft3.584	Ft8.3416	0.738088
Fe1.1906	Fe4.11840	1.35758	Ft7.3993	Ft8.225	0.737289
Fe6.5616	Fe6.12004	1.35735	Ft1.1764	Ft4.1355	0.737205
Fe6.12054	Fe7.11525	1.35726	Ft3.1861	Ft3.2682	0.73709
Fe5.10530	Fe8.434	1.35724	Ft2.732	Ft4.3398	0.737087
Fe5.9630	Fe6.8368	1.35675	Ft2.5910	Ft3.2084	0.736939
Fe2.13361	Fe2.14256	1.3567	Ft1.2766	Ft4.1077	0.736897
Fe1.4157	Fe5.9630	1.3566	Ft2.1088	Ft5.695	0.736862
Fe6.9071	Fe7.8079	1.35644	Ft7.5068	Ft8.3940	0.736857
Fe5.2360	Fe7.4972	1.35627	Ft6.2345	Ft8.1484	0.73682
Fe7.415	Fe8.10731	1.356	Ft2.1803	Ft8.3940	0.73672
Fe2.8504	Fe6.10373	1.35593	Ft3.2671	Ft7.344	0.736526
Fe4.2165	Fe8.10764	1.35585	Ft3.5510	Ft4.1919	0.736509
Fe5.11046	Fe8.8281	1.35577	Ft4.617	Ft6.445	0.736375
Fe1.13906	Fe4.11138	1.35551	Ft6.3352	Ft7.4811	0.736345
Fe1.7254	Fe6.9738	1.35549	Ft2.5394	Ft8.3533	0.736341

Fe5.12730	Fe7.89	1.35531	Ft3.1426	Ft4.1873	0.736293
Fe1.6176	Fe1.7128	1.35519	Ft2.1736	Ft6.734	0.736173
Fe5.12601	Fe7.58	1.3551	Ft2.3405	Ft2.5568	0.736012
Hic.scaffold.11.185	Hic.scaffold.11.290	1.35472	Ft2.393	Ft4.3395	0.736004
Fe2.10817	Fe8.3656	1.35467	Ft4.6184	Ft8.3029	0.735992
Fe1.14305	Fe8.7946	1.35426	Ft2.4200	Ft2.6037	0.735902
Fe5.8845	Fe7.7415	1.35424	Ft4.4896	Ft8.2022	0.735782
Fe1.10295	Fe4.818	1.35416	Ft2.4596	Ft4.5865	0.735411
Fe2.12838	Fe6.9461	1.35387	Ft5.668	Ft7.1777	0.73539
Fe1.1532	Fe6.7896	1.35377	Ft1.62	Ft6.1446	0.735329
Fe2.9303	Fe6.7896	1.35377	Ft4.47	Ft6.2251	0.73519
Fe6.2633	Fe6.7896	1.35377	Ft3.2441	Ft4.444	0.735026
Fe2.2577	Fe3.6366	1.35375	Ft6.3269	Ft8.1552	0.734929
Fe3.13146	Fe7.853	1.35363	Ft2.3733	Ft2.5401	0.734797
Fe1.6148	Fe3.4077	1.35317	Ft2.3032	Ft2.6612	0.734594
Fe3.14201	Fe6.10540	1.35317	Ft1.70	Ft6.1468	0.734545
Fe2.8805	Fe4.926	1.35309	Ft3.1398	Ft3.2821	0.734496
Fe1.2102	Fe6.3754	1.35284	Ft2.662	Ft3.2056	0.734327
Fe1.775	Fe5.14147	1.35249	Ft3.4269	Ft8.77	0.734095
Fe2.14155	Fe5.9124	1.3523	Ft2.4244	Ft2.4576	0.733812
Fe1.14577	Fe8.10626	1.35214	Ft4.1235	Ft5.353	0.733786
Fe4.9252	Fe5.13025	1.35187	Ft2.4447	Ft3.826	0.73363
Fe2.12010	Fe8.2653	1.35174	Ft6.3391	Ft8.4793	0.733627
Fe2.3243	Fe7.7282	1.35155	Ft3.1282	Ft8.5118	0.7334
Fe2.8187	Fe7.8092	1.35147	Ft2.4596	Ft2.5740	0.733263
Fe3.5610	Fe7.4977	1.35142	Ft2.824	Ft4.2570	0.733046
Fe4.2034	Fe8.11525	1.35126	Ft2.1559	Ft2.4126	0.732662
Fe4.8406	Fe5.8230	1.35122	Ft1.1087	Ft2.4893	0.7326
Fe4.1808	Fe7.6018	1.35104	Ft3.1353	Ft4.4154	0.732533
Fe2.10248	Fe3.13441	1.35069	Ft1.2329	Ft5.838	0.732152
Fe4.11583	Fe6.4197	1.35023	Ft1.1767	Ft4.3958	0.732128
Fe5.10742	Fe7.11231	1.35007	Ft2.2759	Ft3.831	0.731955
Fe2.9433	Fe8.11009	1.35005	Ft3.2816	Ft5.646	0.731941
Fe2.6797	Fe8.10815	1.34992	Ft2.2334	Ft8.1780	0.731822
Fe2.3243	Fe8.1616	1.34978	Ft1.1898	Ft5.434	0.731821
Fe3.2840	Fe3.8677	1.34968	Ft3.3746	Ft8.1395	0.731409
Fe1.12015	Fe6.8247	1.34939	Ft7.1591	Ft7.4875	0.731345
Fe4.3422	Fe7.1606	1.34924	Ft1.1769	Ft4.3956	0.730884
Fe5.3553	Fe6.4340	1.3492	Ft2.3687	Ft4.5810	0.730729
Fe1.11160	Fe4.510	1.34878	Ft2.2754	Ft7.4651	0.730691
Fe2.468	Fe2.10601	1.34876	Ft4.1362	Ft5.378	0.730459
Fe3.9856	Fe5.8230	1.34865	Ft3.385	Ft8.2390	0.730442
Fe4.11865	Fe7.7065	1.34865	Ft2.2324	Ft4.1873	0.73021
Fe1.10460	Fe4.12673	1.34851	Ft2.991	Ft4.3144	0.730042
Fe2.8610	Fe7.11231	1.34835	Ft3.591	Ft3.1356	0.729933
Fe2.14133	Fe4.3363	1.34828	Ft2.6100	Ft3.628	0.729901
Fe6.5048	Fe6.10261	1.34823	Ft2.449	Ft3.879	0.729794
Fe4.3029	Fe8.12041	1.34775	Ft2.3967	Ft2.6420	0.729402
Fe2.13620	Fe4.2827	1.34745	Ft2.839	Ft7.1554	0.729282
Fe1.13781	Fe6.3116	1.34731	Ft8.3478	Ft8.4310	0.729034
Fe4.14396	Fe7.1798	1.34722	Ft2.5304	Ft4.444	0.728996
Fe5.13283	Fe8.9036	1.34711	Ft3.3217	Ft7.1068	0.728948
Fe1.1346	Fe1.12063	1.34704	Ft6.1480	Ft7.3288	0.728889
Fe6.10560	Fe7.9955	1.34688	Ft4.5472	Ft8.1253	0.728566
Fe8.3656	Fe8.7750	1.34687	Ft3.2029	Ft8.2353	0.728565

Fe7.11467	Fe8.9539	1.34675
Fe2.1642	Fe7.3633	1.34673
Fe6.4477	Hic.scaffold.13.215	1.34665
Fe2.9295	Fe5.1287	1.34633
Fe1.10069	Fe4.8212	1.34619
Fe1.14524	Fe8.11516	1.34612
Fe6.7616	Fe8.7737	1.3461
Fe4.11758	Fe6.7896	1.34552
Fe4.13959	Fe6.3400	1.34531
Fe5.14308	Fe7.12334	1.34458
Fe2.3763	Fe6.2269	1.34449
Fe2.1202	Fe4.431	1.34415
Fe3.1157	Fe5.1875	1.344
Fe1.7932	Fe7.5938	1.34383
Fe4.3023	Fe6.9107	1.34375
Fe5.4972	Fe5.13223	1.34353
Fe1.10460	Fe7.833	1.3435
Fe4.14550	Fe6.896	1.34345
Fe6.6668	Fe7.11459	1.34309
Fe1.7426	Fe7.3277	1.34308
Fe1.14426	Fe3.2048	1.34305
Fe1.4046	Fe7.1325	1.34284
Fe3.8749	Fe3.9713	1.34239
Fe2.11481	Fe7.5670	1.34234
Fe1.14542	Fe2.616	1.3423
Fe1.3955	Fe6.6340	1.34192
Fe4.13571	Fe8.12205	1.34189
Fe1.4989	Fe6.2593	1.34188
Fe2.12924	Fe8.11008	1.34185
Fe3.5823	Fe6.4381	1.3418
Fe4.5267	Fe4.11941	1.34177
Fe3.3004	Fe8.3656	1.3417
Fe4.5893	Fe7.8137	1.34158
Fe8.3889	Fe8.7697	1.34135
Fe5.10508	Fe8.10709	1.34134
Fe1.1965	Fe1.14113	1.34114
Fe4.8406	Fe8.4104	1.34095
Fe6.11029	Fe8.1397	1.34085
Fe4.10140	Fe7.1082	1.34081
Fe4.3037	Fe5.3736	1.34069
Fe4.2154	Fe7.853	1.34068
Fe2.4790	Fe7.4893	1.34066
Fe3.7976	Fe6.9393	1.34059
Fe5.12476	Fe7.6108	1.3404
Fe4.5267	Fe4.5982	1.34024
Fe6.5048	Fe6.9494	1.34022
Fe2.11521	Fe2.12019	1.33985
Fe1.4599	Fe1.12095	1.33952
Fe6.11112	Fe7.1138	1.33949
Fe6.9324	Fe7.8137	1.33941
Fe4.10186	Fe5.6636	1.33937
Fe1.13450	Fe4.13952	1.33934
Fe2.10301	Fe5.3566	1.33934
Fe6.5269	Fe7.11405	1.33893
Fe1.7426	Fe8.7215	1.33881
Ft2.77	Ft6.477	0.72851
Ft1.454	Ft3.2577	0.72849
Ft7.4061	Ft8.2411	0.728311
Ft1.2385	Ft3.4618	0.728007
Ft1.2086	Ft4.1782	0.727741
Ft2.5659	Ft2.6399	0.727605
Ft3.5313	Ft8.4610	0.727556
Ft2.2971	Ft2.6583	0.727486
Ft4.1989	Ft8.2400	0.72715
Ft1.2056	Ft4.1718	0.727098
Ft1.1869	Ft4.3646	0.727073
Ft8.3570	Ft8.5085	0.726899
Ft2.4016	Ft3.2821	0.726786
Ft1.2385	Ft2.4596	0.726728
Ft1.1774	Ft4.1347	0.726553
Ft3.1356	Ft8.1649	0.726522
Ft4.3073	Ft7.1428	0.726431
Ft2.668	Ft7.3993	0.726397
Ft2.200	Ft4.4163	0.726207
Ft2.393	Ft7.3993	0.726161
Ft4.4794	HiC.scaffold.5.75	0.725849
Ft2.6451	Ft8.3575	0.725709
Ft3.602	Ft8.2911	0.725563
Ft4.198	Ft6.245	0.725482
Ft3.2753	Ft8.3878	0.725245
Ft3.876	Ft8.770	0.725101
Ft7.1016	Ft8.2915	0.724999
Ft4.4153	Ft7.3115	0.724803
Ft1.1954	Ft4.1628	0.724583
Ft7.476	Ft7.4875	0.724265
Ft2.2713	Ft2.6440	0.724195
Ft2.2323	Ft3.5595	0.723522
Ft6.147	Ft8.2314	0.723354
Ft2.6440	Ft8.195	0.723312
Ft3.4761	Ft5.708	0.723303
Ft2.6611	Ft4.1153	0.723274
Ft6.2200	Ft8.1638	0.723095
Ft4.3548	Ft7.1623	0.723035
Ft3.334	Ft7.5134	0.723012
HiC_scaffold_5_1	iC_scaffold_5_23	0.722971
Ft3.1060	Ft7.475	0.722894
Ft7.1250	Ft7.4875	0.722499
Ft5.1902	Ft7.4613	0.722427
Ft3.722	Ft3.1986	0.722367
Ft1.1988	Ft2.660	0.72206
Ft2.5097	Ft4.5242	0.72196
Ft2.1592	Ft2.2017	0.72174
Ft4.3341	Ft8.1662	0.721628
Ft2.2714	Ft3.1907	0.721345
Ft5.1878	Ft7.5307	0.721281
Ft1.123	Ft2.4766	0.721097
Ft2.5680	Ft4.5878	0.720945
Ft1.2945	Ft3.487	0.720895
Ft5.1646	Ft7.3932	0.72066
Ft7.4781	Ft8.2610	0.72045

Fe6.10178	Fe7.5692	1.33852
Fe3.6139	Fe6.101	1.33842
Fe1.2734	Fe6.4569	1.33827
Fe5.10965	Fe6.11998	1.33815
Fe5.2782	Fe7.662	1.33791
Fe2.1557	Fe4.12982	1.33778
Fe2.9567	Fe8.10980	1.33768
Fe4.14107	Fe5.252	1.33767
Fe1.2240	Fe4.11571	1.33752
Fe3.587	Fe8.7634	1.33722
Fe3.13154	Fe7.5054	1.33676
Fe1.183	Fe2.12158	1.33674
Fe5.9963	Fe6.9066	1.3367
Fe3.651	Fe6.9126	1.33658
Fe2.9360	Fe8.11067	1.33655
Fe4.5602	Fe6.10421	1.33652
Fe5.1163	Fe6.11638	1.33641
Fe7.140	Fe8.8278	1.3358
Fe1.2155	Fe6.4152	1.33559
Fe4.5133	Fe5.12660	1.33531
Fe1.3280	Fe4.8924	1.33529
Fe4.6048	Fe6.9526	1.3347
Fe3.13985	Fe4.3310	1.3346
Fe3.4339	Fe6.9853	1.33441
Fe2.231	Fe2.6396	1.33437
Fe6.9640	Fe6.10653	1.33433
Fe3.7618	Fe6.9185	1.33425
Fe5.3374	Fe6.8940	1.33395
Fe2.9584	Fe8.10971	1.3338
Fe5.9078	Fe6.5336	1.33365
Fe6.11750	Fe7.5370	1.33303
Fe4.5201	Fe8.9247	1.33299
Fe2.1469	Fe4.510	1.33295
Fe5.12902	Fe6.2310	1.33274
Fe4.11657	Fe6.10590	1.33245
Fe1.3224	Fe4.5371	1.33233
Fe3.908	Fe3.9992	1.33223
Fe1.9073	Fe6.7616	1.33211
Fe2.11294	Fe2.11952	1.33201
Fe2.12715	Fe8.9351	1.33151
Fe2.9690	Fe3.9729	1.33128
Fe1.316	Fe2.12098	1.33109
Fe7.2586	Fe7.7425	1.33107
Fe4.1973	Fe4.4924	1.33092
Fe2.4947	Fe6.7917	1.33069
Fe1.9277	Fe8.1616	1.33035
Fe2.8850	Fe3.6366	1.33034
Fe5.10595	Fe7.3235	1.33028
Fe7.7710	Fe8.7136	1.33025
Fe2.11250	Hic.scaffold.10.403	1.33004
Fe2.1410	Fe3.5714	1.32993
Fe1.14078	Fe3.12512	1.32991
Fe1.10939	Fe5.8472	1.3298
Fe2.11588	Fe4.2560	1.32973
Fe3.1986	Fe7.12424	1.32942
Ft2.4138	Ft5.2939	0.720221
Ft5.1742	Ft7.5170	0.720163
Ft1.2103	Ft5.485	0.720141
Ft1.808	Ft2.6209	0.719655
Ft5.1722	Ft7.3149	0.719549
Ft5.224	Ft6.2008	0.719536
Ft2.4811	Ft2.5849	0.719316
Ft3.5714	Ft4.5994	0.719133
Ft3.3210	Ft8.2342	0.719097
Ft3.685	Ft8.2826	0.719038
Ft8.1622	Ft8.1794	0.71809
Ft7.1009	Ft7.3058	0.717647
Ft2.6139	Ft8.3154	0.717476
Ft2.1714	Ft3.4590	0.717166
Ft2.6440	Ft3.1071	0.717101
Ft7.4915	Ft8.3577	0.716997
HiC_scaffold_5_2	iC_scaffold_5_40	0.716652
Ft2.5918	Ft8.4000	0.716197
Ft4.1938	Ft7.3288	0.716105
Ft1.2698	Ft4.984	0.715704
Ft5.2126	Ft7.3723	0.715654
Ft1.2266	Ft4.2052	0.715465
Ft3.1534	Ft8.5178	0.715354
Ft2.553	Ft4.3606	0.715343
Ft8.3533	Ft8.5118	0.715252
Ft7.475	Ft8.5007	0.71517
Ft3.633	Ft8.2872	0.715017
Ft7.4034	Ft8.2484	0.71491
Ft1.1946	Ft4.1620	0.714435
Ft4.580	Ft5.128	0.714408
Ft1.2277	Ft5.512	0.714304
Ft1.2959	Ft8.2670	0.714053
Ft2.5302	Ft8.2061	0.713972
Ft2.4552	Ft8.4355	0.713868
Ft2.2644	Ft3.4483	0.713666
Ft3.2529	Ft8.2888	0.713654
Ft3.1392	Ft5.1154	0.713182
Ft4.5581	Ft8.3575	0.713127
Ft4.33	Ft6.2287	0.713015
Ft8.219	Ft8.1236	0.713004
Ft1.1702	Ft4.4128	0.712949
Ft6.3647	Ft7.2507	0.712888
Ft2.696	Ft4.3447	0.71286
Ft4.5024	Ft8.1917	0.712756
Ft1.24	Ft6.1394	0.712534
Ft3.3830	Ft8.4783	0.712391
Ft3.5460	Ft7.3992	0.712351
Ft2.1491	Ft3.2168	0.711608
Ft2.4842	Ft7.4792	0.711516
Ft4.98	Ft8.198	0.711488
HiC_scaffold_5_1	iC_scaffold_5_39	0.71135
Ft2.6466	Ft5.3068	0.711328
Ft5.1513	Ft8.4537	0.71131
Ft3.2391	Ft4.705	0.711034
Ft4.1365	Ft5.377	0.711011

Fe3.3348	Fe6.10778	1.32917	Ft4.4572	Ft5.2035	0.710841
Fe6.4080	Fe6.10590	1.32917	Ft2.2856	Ft4.5865	0.710615
Fe1.10153	Fe3.4856	1.32858	Ft6.3406	Ft7.4781	0.710579
Fe3.64	Fe8.11943	1.32848	Ft4.493	Ft5.108	0.710518
Fe1.13767	Fe4.13829	1.32829	Ft2.4327	Ft4.3927	0.710405
Fe2.2301	Fe3.2390	1.3282	Ft3.2431	Ft7.585	0.710401
Fe3.4856	Fe7.9955	1.3279	Ft2.4222	Ft4.4320	0.710309
Fe3.9155	Fe5.11839	1.32781	Ft3.385	Ft3.756	0.709887
Fe1.413	Fe2.13914	1.32764	Ft1.380	Ft1.2776	0.709755
Fe5.13645	Fe6.2606	1.32757	Ft3.1500	Ft3.1769	0.709754
Fe1.2586	Fe6.6668	1.32737	Ft1.2109	Ft4.1859	0.709703
Fe1.6595	Fe7.550	1.32734	Ft1.1762	Ft4.1361	0.709609
Fe1.7155	Fe8.1703	1.32728	Ft1.107	Ft6.1479	0.709573
Fe5.12476	Fe8.7348	1.32723	Ft3.1380	Ft7.4741	0.709554
Fe4.14131	Fe5.4059	1.32692	Ft4.1578	Ft4.3591	0.709506
Fe1.10966	Fe4.12994	1.32672	Ft2.889	Ft4.4846	0.708882
Fe5.5304	Fe6.9977	1.32649	Ft5.1082	Ft6.2760	0.708808
Fe3.483	Fe5.13739	1.32603	Ft3.1881	Ft4.726	0.708689
Fe1.12095	Fe6.9369	1.32592	Ft2.5676	Ft4.5881	0.70861
Fe6.4644	Fe7.3724	1.32519	Ft3.2828	Ft7.2956	0.708403
Fe1.1966	Fe1.14116	1.32505	Ft1.1400	Ft7.3968	0.708012
Fe2.9174	Fe8.11539	1.32498	Ft4.155	Ft6.2367	0.707585
Fe3.1940	Fe6.3570	1.32477	Ft2.393	Ft4.2570	0.707396
Fe6.7446	Fe7.9064	1.32445	Ft4.4790	HiC.scaffold.5.196	0.707255
Fe1.287	Fe6.428	1.3244	Ft2.5266	Ft4.4921	0.707206
Fe3.2831	Fe5.3257	1.32426	Ft2.662	Ft7.3288	0.707024
Fe3.20	Fe7.4360	1.3242	Ft3.1362	Ft5.1159	0.706928
Fe2.10363	Fe4.3970	1.32409	Ft2.3127	Ft8.4183	0.706675
Fe7.141	Fe8.8296	1.324	Ft2.650	Ft8.710	0.706425
Fe2.5356	Fe3.10777	1.32399	Ft2.449	Ft4.2081	0.706033
Fe7.11003	Fe8.7135	1.32377	Ft2.1813	Ft3.4636	0.70545
Fe3.11562	Fe5.1671	1.3236	Ft2.2713	Ft2.2927	0.70526
Fe1.14007	Fe6.4297	1.32358	Ft1.442	Ft6.1015	0.705112
Fe6.12250	Fe7.662	1.32345	Ft7.548	Ft7.3013	0.704722
Fe2.9067	Fe3.14538	1.32341	Ft2.439	Ft8.1533	0.704652
Fe7.3088	Fe8.1619	1.3233	Ft2.2532	Ft3.1783	0.704538
Fe2.8350	Fe3.746	1.32327	Ft2.1741	Ft3.4265	0.704427
Fe3.13098	Fe7.8241	1.3231	Ft1.29	Ft6.1396	0.704311
Fe1.14202	Fe4.11915	1.32294	Ft2.3019	Ft2.6606	0.704305
Fe1.9277	Fe7.7067	1.32261	Ft2.2548	Ft7.3202	0.704125
Fe3.12000	Fe6.5048	1.32241	Ft2.1559	Ft7.3094	0.704077
Fe1.2107	Fe6.4068	1.32224	Ft4.4340	Ft7.3454	0.703799
Fe1.2603	Fe6.10261	1.3222	Ft1.896	Ft2.4723	0.703581
Fe6.11384	Fe7.7067	1.32215	Ft5.1928	Ft7.4557	0.703424
Fe1.1453	Fe2.13370	1.32206	Ft4.5842	Ft7.887	0.703235
Fe1.1382	Fe3.4973	1.32194	Ft3.4724	Ft5.688	0.703055
Fe4.9398	Fe5.12885	1.32131	Ft2.2123	Ft8.895	0.702746
Hic.scaffold.10.551	Hic.scaffold.12.231	1.32128	Ft2.921	Ft3.2049	0.702691
Fe3.7276	Fe3.9856	1.32074	Ft2.5757	Ft4.5494	0.702624
Fe2.1521	Fe3.5763	1.32072	Ft3.2450	Ft6.1488	0.702602
Fe1.14458	Fe3.1977	1.32057	Ft3.4636	Ft6.755	0.702516
Fe3.11236	Fe8.3507	1.32044	Ft2.3830	Ft4.5473	0.702323
Fe1.5156	Fe7.1752	1.32039	Ft2.5205	Ft4.5070	0.702181
Fe3.4856	Fe4.8568	1.3201	Ft5.1683	Ft7.3096	0.701964
Fe7.215	Fe7.2922	1.31928	Ft7.4416	Ft8.4428	0.701642

Fe2.9789	Fe2.13221	1.31883	Ft2.6020	Ft4.3808	0.701447
Fe3.13527	Fe6.6229	1.31867	Ft2.411	Ft3.1564	0.701286
Fe3.815	Fe6.10368	1.31849	Ft2.5984	Ft4.5735	0.701022
Fe8.3507	Fe8.9047	1.3184	Ft2.3037	Ft4.5614	0.700752
Fe5.3884	Fe5.12788	1.31803	Ft2.6107	Ft3.633	0.700683
Fe7.884	Fe8.5521	1.31796	Ft2.3767	Ft2.5380	0.700431
Fe3.18	Fe7.4365	1.31783	Ft7.2956	Ft8.1466	0.700304
Fe4.5622	Fe7.3724	1.31771	Ft3.2953	Ft4.786	0.699749
Fe1.11396	Fe5.6857	1.31755	Ft2.3292	Ft2.5500	0.6997
Fe1.4755	Fe7.2586	1.3169	Ft4.452	Ft6.343	0.699377
Fe2.7498	Fe3.8493	1.3166	Ft2.2359	Ft2.5214	0.699272
Fe6.7616	Fe7.3724	1.31651	Ft2.391	Ft6.1562	0.699233
Fe6.4148	Fe6.10560	1.3164	Ft2.3228	Ft8.4097	0.699008
Fe1.8898	Fe5.8919	1.31631	Ft2.2378	Ft8.1305	0.698875
Fe3.10524	Hic.scaffold.9.170	1.31602	Ft2.3831	Ft2.5692	0.698869
Fe1.10449	Fe2.10262	1.31576	Ft1.1590	Ft8.2131	0.69856
Fe3.487	Fe3.4318	1.31548	Ft2.5177	Ft4.2100	0.69826
Fe3.12342	Fe8.9721	1.31519	Ft2.3046	Ft4.1690	0.698138
Fe1.11053	Fe6.9738	1.31509	Ft2.4004	Ft2.5803	0.697914
Fe2.10845	Fe4.2357	1.31496	Ft3.1659	Ft8.66	0.697635
Fe1.4597	Fe2.4922	1.31486	HiC_scaffold_5_1	HiC_scaffold_5_28	0.697035
Fe5.14312	Fe7.12376	1.31486	Ft4.282	Ft6.278	0.696977
Fe5.13606	Hic.scaffold.9.415	1.31472	Ft7.2935	Ft7.3288	0.696939
Fe3.9249	Fe8.9209	1.31461	Ft1.2420	Ft2.3989	0.696666
Fe1.4597	Fe7.11455	1.31436	Ft3.3216	Ft7.1126	0.696577
Fe5.10998	Fe7.303	1.3143	Ft4.4764	Ft4.5650	0.696568
Fe2.12236	Fe7.822	1.31421	Ft2.5253	Ft4.6005	0.696429
Fe3.5610	Fe6.4696	1.31392	Ft2.631	Ft4.1262	0.696188
Fe6.9640	Fe7.6855	1.31392	Ft7.5100	Ft8.1943	0.696155
Fe1.3648	Fe3.9005	1.31376	Ft3.1640	Ft8.87	0.69603
Fe2.8920	Fe4.1918	1.31376	Ft3.1520	Ft7.3013	0.695974
Fe2.10363	Fe3.13544	1.31355	Ft3.4214	Ft7.1591	0.695758
Fe6.8198	Fe8.7462	1.31342	Ft2.4082	Ft2.5865	0.695666
Fe4.8406	Fe6.7709	1.31305	Ft4.707	Ft5.435	0.695666
Fe3.6069	Fe6.9702	1.31235	Ft4.885	Ft8.548	0.69557
Fe2.9228	Fe8.11129	1.3122	Ft3.826	Ft8.3940	0.695408
Fe3.13832	Fe8.744	1.31218	Ft8.225	Ft8.1835	0.695275
Fe5.10372	Fe7.471	1.31214	Ft5.2889	Ft7.4178	0.695141
Fe7.3235	Fe8.10720	1.3117	Ft7.691	Ft8.895	0.694943
Fe1.1980	Fe4.11770	1.31131	Ft3.826	Ft3.2056	0.69468
Fe2.2216	Fe3.13450	1.31066	Ft2.2426	Ft3.4807	0.694679
Fe1.7254	Fe8.5307	1.31046	Ft2.5626	Ft4.5462	0.694678
Fe6.1995	Fe8.8699	1.31043	Ft1.383	Ft6.976	0.694661
Fe5.9963	Fe6.2674	1.31029	Ft3.5569	Ft7.4952	0.694584
Fe2.12256	Fe7.1023	1.31026	Ft3.4357	Ft8.1501	0.694533
Fe2.12928	Fe8.10999	1.30943	Ft6.2013	Ft7.3515	0.694256
Fe1.1793	Fe1.14179	1.30918	Ft3.4015	Ft8.4818	0.694247
Fe1.12761	Fe4.13618	1.3091	Ft1.1089	Ft7.4971	0.694161
Fe1.9943	Fe6.7020	1.30892	Ft3.3786	Ft8.4766	0.694137
Fe2.357	Fe8.10775	1.30861	Ft7.296	Ft8.3942	0.693928
Fe1.10497	Fe4.705	1.30859	Ft2.5811	Ft6.1276	0.693922
Fe4.4596	Fe6.9985	1.30817	Ft4.1919	Ft7.892	0.693406
Fe5.14417	Fe7.13430	1.30807	Ft2.5221	Ft7.4183	0.692923
Fe1.2421	Fe6.9185	1.30806	Ft2.5194	Ft3.5510	0.692827
Fe5.10001	Fe8.3060	1.30767	Ft2.449	Ft4.5650	0.692752

Fe6.9837	Fe8.4076	1.30737	Ft4.1279	Ft4.3885	0.692488
Fe4.11977	Fe8.7348	1.30687	Ft2.5214	Ft4.1153	0.69233
Fe6.759	Fe8.9798	1.30677	Ft5.1501	Ft8.4556	0.692273
Fe1.10169	Fe4.841	1.30651	Ft1.893	Ft2.4722	0.692094
Fe3.8819	Fe5.1752	1.30641	Ft2.273	Ft6.1599	0.691985
Fe4.13593	Fe8.12203	1.3064	Ft3.487	Ft5.1176	0.69179
Fe2.577	Fe5.11334	1.3056	Ft3.1835	Ft8.1227	0.691739
Fe2.2252	Fe4.887	1.30551	Ft2.3448	Ft5.2965	0.691523
Fe3.5714	Fe4.4596	1.30533	Ft4.3881	Ft7.1150	0.691492
Fe3.12078	Fe8.7809	1.3053	Ft3.3495	Ft7.2094	0.691311
Fe2.12707	Fe8.9397	1.30527	Ft3.5005	Ft7.4163	0.691117
Fe3.270	Fe8.11986	1.30468	Ft4.667	Ft8.3533	0.691097
Fe2.13810	Fe5.397	1.3046	Ft4.819	Ft7.4976	0.691025
Fe6.740	Fe8.10655	1.30451	Ft3.1426	Ft7.2652	0.690641
Fe5.2941	Fe6.10958	1.30409	Ft2.6450	Ft8.3571	0.690583
Fe4.8467	Fe6.4451	1.30374	Ft3.2526	Ft7.526	0.690246
Fe6.3485	Fe7.11142	1.30307	Ft4.6180	Ft6.1634	0.690159
Fe6.2939	Hic.scaffold.9.332	1.30284	Ft4.5978	Ft8.4217	0.690134
Fe2.8791	Fe8.7246	1.30281	Ft2.411	Ft4.914	0.690031
Fe1.1898	Fe4.11860	1.30239	Ft2.2772	Ft2.6163	0.690016
Fe3.47	Fe7.4267	1.30232	Ft3.964	Ft8.441	0.690016
Fe2.7952	Fe4.13946	1.30221	Ft2.3603	Ft3.5264	0.689989
Fe4.5133	Fe4.11557	1.30211	Ft3.764	Ft8.2996	0.68952
Fe3.2744	Fe7.597	1.30197	Ft2.6595	Ft4.6027	0.689418
Fe7.7067	Fe8.4593	1.30189	Ft1.315	Ft2.4217	0.689417
Fe4.14486	Fe8.9787	1.30181	Ft4.1498	Ft5.411	0.689037
Fe7.197	Fe8.8396	1.30177	Ft3.3326	Ft8.2462	0.688889
Fe4.736	Fe4.12717	1.30174	Ft2.3953	Ft3.5541	0.688751
Fe5.13262	Hic.scaffold.10.669	1.30147	Ft1.1104	Ft2.4895	0.688714
Fe1.7942	Fe8.3491	1.3013	Ft2.4264	Ft7.1610	0.688709
Fe2.4790	Fe3.9249	1.30125	Ft4.566	Ft6.377	0.688643
Fe1.1761	Fe6.3775	1.30123	Ft3.3417	Ft4.3839	0.688596
Fe3.12016	Hic.scaffold.9.1051	1.30099	Ft2.2324	Ft3.826	0.688463
Fe4.11728	Fe7.8241	1.30094	Ft2.2502	Ft2.4627	0.688426
Fe3.775	Fe8.6466	1.30059	Ft2.275	Ft4.4215	0.6883
Fe2.10362	Fe6.10492	1.30038	Ft3.5334	Ft7.2735	0.687337
Fe3.13763	Fe8.11578	1.3003	Ft3.2029	Ft4.1873	0.686985
Fe1.13242	Fe2.13508	1.30028	Ft3.1574	Ft8.1078	0.686957
Fe3.1157	Fe8.9197	1.30018	Ft7.5068	Ft8.4533	0.686951
Fe7.12894	Fe8.3745	1.29997	Ft2.1082	Ft5.690	0.686675
Fe4.6139	Fe7.615	1.29994	Ft1.452	Ft6.1020	0.686276
Fe3.9114	Fe5.11904	1.29993	Ft1.2759	Ft4.1060	0.686049
Fe4.14201	Fe7.420	1.29961	Ft3.1247	Ft7.393	0.685626
Fe2.10422	Fe3.13632	1.29953	Ft4.381	Ft6.324	0.685545
Fe3.1157	Fe4.12787	1.29947	Ft2.3733	Ft3.5429	0.685425
Fe1.11273	Fe7.10440	1.29917	Ft2.4045	Ft2.5221	0.685332
Fe2.13199	Fe8.10956	1.29894	Ft2.1341	Ft3.3340	0.685304
Fe4.8288	Fe5.3036	1.29893	Ft2.961	Ft3.1282	0.685246
Fe1.2342	Fe4.5755	1.29872	Ft7.4023	Ft8.2510	0.68516
Fe1.13201	Fe3.2509	1.29854	Ft4.40	Ft5.17	0.685097
Fe2.13836	Fe3.1019	1.2983	Ft2.4661	Ft4.2074	0.685061
Fe1.12063	Fe4.8406	1.29826	Ft1.2695	Ft4.982	0.685049
Fe4.12496	Hic.scaffold.10.526	1.29809	Ft3.497	Ft5.1174	0.684991
Fe6.11887	Fe7.6108	1.29805	Ft1.2315	Ft4.2178	0.684625
Fe3.189	Fe4.14159	1.298	Ft2.5910	Ft4.819	0.684415

Fe2.9912	Fe3.13043	1.29789
Fe3.9375	Fe6.1145	1.29784
Fe3.12161	Fe6.2204	1.29748
Fe1.9338	Fe4.12173	1.29733
Fe2.10285	Fe7.3385	1.29698
Fe1.2597	Fe1.5455	1.29667
Fe2.8884	Fe5.9875	1.29667
Fe1.6391	Fe6.11930	1.29657
Fe2.52	Fe7.3243	1.29656
Fe1.4597	Fe8.5110	1.29654
Fe5.11664	Fe7.3560	1.29645
Fe3.1915	Fe6.3582	1.29625
Fe5.8827	Fe7.771	1.29622
Fe2.2162	Fe4.12380	1.29602
Fe3.14533	Fe5.9521	1.29556
Fe3.7618	Fe7.7007	1.29551
Fe7.5445	Fe8.10897	1.2953
Fe4.14449	Fe6.684	1.29515
Fe1.5125	Fe7.1701	1.29478
Fe4.7855	Fe6.9484	1.29473
Fe1.1655	Fe6.3754	1.29468
Fe1.4841	Fe7.1615	1.29459
Fe4.1808	Fe7.11335	1.29455
Fe3.3504	Fe8.4076	1.29398
Fe1.6546	Fe8.9562	1.29393
Fe7.8495	Fe8.6430	1.29384
Fe2.13825	Fe4.3760	1.29372
Fe5.11538	Fe7.8079	1.29353
Fe3.12037	Fe3.14030	1.29324
Fe3.13664	Fe4.5344	1.29323
Fe6.835	Fe8.9938	1.29279
Fe1.3013	Fe6.5364	1.29262
Fe3.12062	Fe4.8212	1.29242
Fe1.4301	Fe7.1376	1.29234
Fe4.9661	Fe7.7282	1.29226
Fe3.3131	Fe7.11478	1.29195
Fe8.732	Fe8.2825	1.29175
Fe2.12851	Fe4.5960	1.29173
Fe1.12032	Fe7.5110	1.2917
Fe1.6557	Fe2.7625	1.29146
Fe2.2768	Fe2.10134	1.29114
Fe6.10958	Fe7.8241	1.29093
Fe2.10363	Fe7.1773	1.29089
Fe4.847	Hic.scaffold.10.441	1.29073
Fe6.9185	Fe7.11455	1.29061
Fe8.1511	Fe8.7750	1.29032
Fe4.5253	Fe8.9220	1.29016
Fe1.9262	Fe7.5110	1.29011
Fe5.11762	Fe6.9328	1.28959
Fe3.5277	Fe7.3293	1.28955
Fe7.9064	Fe7.11738	1.28926
Fe6.3028	Fe7.2566	1.28906
Fe1.10099	Fe3.2961	1.28889
Fe2.4813	Fe8.5108	1.28882
Fe1.7337	Fe5.6636	1.28879
Ft3.590	Ft3.1861	0.684096
Ft2.1596	Ft2.2026	0.684026
HiC_scaffold_5_1	iC_scaffold_5_38	0.683672
Ft3.5490	Ft8.271	0.683609
Ft3.2801	Ft4.3536	0.683486
Ft1.2090	Ft4.1808	0.683482
Ft7.2540	Ft8.4211	0.683415
Ft2.6420	Ft4.5540	0.683142
Ft6.1615	Ft7.3094	0.683136
Ft2.3005	Ft8.1268	0.682992
Ft3.5447	Ft6.2851	0.68279
Ft3.1272	Ft8.174	0.682639
Ft2.4596	Ft7.3027	0.682562
Ft3.5563	Ft4.870	0.682497
Ft1.949	Ft6.1508	0.681918
Ft2.4633	Ft3.1060	0.681774
Ft3.1282	Ft4.2135	0.681432
Ft2.5253	Ft3.4201	0.681215
Ft7.482	Ft8.2468	0.681118
Ft2.3131	Ft3.684	0.680874
Ft4.162	Ft7.2891	0.680724
Ft4.5561	Ft8.3610	0.680692
Ft2.248	Ft8.4455	0.680531
Ft2.87	Ft4.4056	0.68044
Ft1.490	Ft6.1056	0.680187
Ft2.6309	Ft4.5648	0.680123
Ft3.2753	Ft7.3013	0.680122
Ft3.5490	Ft6.974	0.680002
Ft3.1353	Ft4.3881	0.679839
Ft2.833	Ft6.1480	0.679594
Ft3.4214	Ft4.1731	0.679474
Ft3.476	Ft8.1273	0.678405
Ft4.4236	Ft6.1611	0.678303
Ft4.207	Ft6.2413	0.677854
Ft4.2282	Ft8.1722	0.677814
Ft2.535	Ft4.3647	0.677713
Ft3.826	Ft4.5409	0.677691
Ft4.1919	Ft8.4561	0.67745
Ft2.3163	Ft2.6652	0.677273
HiC_scaffold_5_1	iC_scaffold_5_34	0.676976
Ft2.4811	Ft7.3454	0.676968
Ft6.3344	Ft7.4873	0.67652
Ft4.4778	HiC.scaffold.5.75	0.676397
Ft1.298	Ft6.883	0.676294
Ft7.5068	Ft8.4301	0.676281
Ft1.2126	Ft5.501	0.676275
Ft2.1883	Ft7.3288	0.676227
Ft2.922	Ft7.4915	0.676143
Ft1.1076	Ft7.4946	0.675969
Ft2.4222	Ft2.6469	0.67585
Ft6.3269	Ft7.3115	0.675585
Ft3.2451	Ft6.235	0.675239
HiC_scaffold_5_1	iC_scaffold_5_38	0.675224
Ft2.1803	Ft4.4276	0.675206
HiC_scaffold_5_2	iC_scaffold_5_39	0.67503

Fe1.14576	Fe8.10638	1.28875
Fe5.2839	Fe7.629	1.28853
Fe1.14453	Fe3.1986	1.28828
Fe7.2329	Fe8.11346	1.28824
Fe2.605	Fe3.2560	1.28809
Fe1.1645	Fe1.14228	1.28808
Fe1.1468	Fe6.3568	1.28789
Fe1.566	Fe5.13704	1.28781
Fe5.11472	Fe7.206	1.28775
Fe1.12144	Fe2.8871	1.2872
Fe1.13777	Fe6.3120	1.28687
Fe5.13761	Fe8.10810	1.28678
Fe3.1700	Fe6.2269	1.28663
Fe2.2560	Fe3.5771	1.28661
Fe3.4856	Fe6.9419	1.2864
Fe2.6107	Fe2.9362	1.28631
Fe2.7566	Fe8.10849	1.28624
Fe2.10833	Fe4.12654	1.28616
Fe4.876	Hic.scaffold.10.452	1.28608
Fe4.5267	Fe5.1194	1.28602
Fe7.8241	Fe8.6887	1.28587
Fe1.9872	Fe6.10560	1.28568
Fe1.3662	Fe1.7426	1.28553
Fe7.11455	Fe8.5110	1.28544
Fe6.8279	Fe7.3233	1.28539
Fe1.14228	Fe6.3749	1.28487
Fe1.7165	Fe1.12164	1.28462
Fe2.468	Fe2.13260	1.28407
Fe7.451	Fe7.3159	1.28399
Fe2.13587	Fe2.14092	1.28326
Fe1.10460	Fe2.10817	1.28315
Fe1.810	Fe6.2847	1.28313
Fe4.12300	Fe5.13025	1.28303
Fe4.3370	Fe5.12107	1.28298
Fe2.11952	Fe7.8320	1.28292
Fe1.13299	Fe2.11180	1.28268
Fe3.6267	Fe6.4643	1.28264
Fe5.12832	Fe7.3551	1.28248
Fe1.10243	Fe7.3724	1.2823
Fe1.454	Fe4.2896	1.28222
Fe4.9353	Fe7.3633	1.28203
Fe2.11694	Fe2.13666	1.28181
Fe2.100	Fe7.10947	1.2817
Fe2.13699	Fe4.8406	1.28154
Fe6.10407	Fe7.3148	1.28154
Fe2.11486	Fe5.12788	1.28079
Fe1.1020	Fe6.3210	1.28076
Fe1.1485	Fe8.10574	1.28074
Fe4.7190	Fe6.3949	1.28066
Fe3.161	Fe4.14201	1.28052
Fe5.2064	Fe5.13997	1.2805
Fe2.1610	Fe4.596	1.28034
Fe5.5375	Fe6.5915	1.28033
Fe1.9887	Fe8.514	1.28015
Fe1.1401	Fe6.3551	1.27988
Ft7.3831	Ft8.3878	0.674841
Ft4.577	Ft6.369	0.674788
Ft3.3827	Ft6.2506	0.674339
Ft3.5738	Ft5.1503	0.6742
Ft3.5595	Ft7.3013	0.674179
Ft3.638	Ft8.2865	0.674088
Ft5.1829	Ft7.5301	0.673849
Ft3.1008	Ft7.3780	0.673416
Ft2.5629	Ft4.5460	0.673369
Ft4.387	Ft4.5565	0.673069
Ft1.1086	Ft2.4892	0.672994
Ft6.2073	Ft7.3579	0.672968
Ft1.172	Ft6.62	0.672658
Ft2.5279	Ft8.1997	0.672481
Ft2.6020	Ft6.2796	0.672449
Ft2.164	Ft4.4138	0.671757
Ft2.5214	Ft3.1881	0.671731
Ft4.223	Ft6.2393	0.670885
Ft3.1413	Ft4.6082	0.670699
Ft1.2904	Ft8.2634	0.670557
Ft2.384	Ft2.889	0.670549
Ft6.3391	Ft7.2802	0.670251
Ft2.5910	Ft7.186	0.670212
Ft2.3037	Ft8.163	0.66981
Ft2.6144	Ft8.3147	0.669257
Ft2.4304	Ft7.3944	0.669179
Ft7.4222	Ft8.2581	0.669034
Ft4.488	Ft6.359	0.668924
Ft2.5214	Ft8.1836	0.668899
Ft3.5516	Ft7.475	0.668383
Ft2.1138	Ft8.1745	0.668289
Ft3.1908	Ft7.1685	0.668185
HiC_scaffold_5_	iC_scaffold_5_19	0.66806
Ft3.666	Ft4.157	0.667879
Ft5.2716	Ft6.1866	0.667736
Ft2.1865	Ft3.4214	0.667434
Ft3.3638	Ft8.4760	0.667044
Ft4.1376	Ft8.3878	0.667027
Ft2.931	Ft3.5022	0.666551
Ft2.622	Ft4.1634	0.666101
Ft4.4795	HiC.scaffold.5.112	0.666059
Ft3.2064	Ft7.1406	0.665964
HiC_scaffold_5_	iC_scaffold_5_28	0.665737
HiC_scaffold_5_	iC_scaffold_5_18	0.665594
Ft2.2991	Ft2.6592	0.665515
Ft4.5175	Ft8.1782	0.665498
Ft1.1667	Ft4.1161	0.665335
Ft6.1416	Ft7.4781	0.665111
Ft1.1716	Ft4.4100	0.664934
Ft5.81	Ft6.347	0.664716
Ft3.1426	Ft7.4995	0.664687
Ft2.2654	Ft8.1432	0.664375
Ft3.1071	Ft7.459	0.664332
Ft4.4794	HiC.scaffold.5.169	0.664311
Ft3.3569	Ft8.1670	0.664131

Fe2.12329	Fe7.1211	1.27946	Ft2.5910	Ft8.3338	0.663997
Fe2.4138	Fe8.3444	1.27941	HiC_scaffold_5_1	HiC_scaffold_5_33	0.663834
Fe4.3249	Fe7.8312	1.2792	Ft6.216	Ft7.600	0.66313
Fe1.1966	Fe4.11782	1.27913	Ft5.632	Ft8.3649	0.663006
Fe2.10888	Fe2.13413	1.27905	Ft7.4719	Ft8.1734	0.66288
Fe2.11303	Fe2.13739	1.27867	Ft3.1060	Ft7.3831	0.662755
Fe1.11775	Fe3.4689	1.27864	Ft3.782	Ft8.3007	0.662683
Fe5.3703	Fe7.869	1.27862	Ft4.3056	Ft6.2852	0.662625
Fe3.13366	Fe5.3257	1.27857	Ft2.3046	Ft8.1305	0.66262
Fe3.2961	Fe4.10727	1.27845	Ft3.2828	Ft3.4798	0.662581
Fe4.1808	Fe6.10560	1.27828	Ft3.1054	Ft8.2747	0.662494
Fe5.11405	Fe8.8510	1.27811	HiC_scaffold_5_1	HiC_scaffold_5_14	0.662252
Fe2.3710	Fe3.7506	1.2775	Ft5.2196	Ft7.3656	0.6621
Fe1.5580	Fe6.6683	1.27706	Ft3.628	Ft6.2848	0.662002
Fe6.6040	Fe7.6198	1.27682	Ft4.2081	Ft8.163	0.661834
Fe6.4435	Fe6.5618	1.27675	Ft2.6594	Ft4.2883	0.661824
Fe5.12739	Fe7.101	1.27669	Ft2.2879	Ft4.1938	0.661659
Fe4.3083	Fe8.12031	1.27656	Ft2.4532	Ft4.5682	0.661606
Fe1.207	Fe2.12142	1.27645	Ft5.1851	Ft7.5328	0.661569
Fe1.1692	Fe2.9680	1.27637	Ft1.2625	Ft6.58	0.661527
Fe4.4242	Fe5.7337	1.2761	Ft2.1900	Ft6.774	0.661496
Fe6.3633	Fe7.2531	1.27596	Ft2.1762	Ft3.4243	0.661487
Fe1.11818	Fe7.3633	1.27594	Ft7.3278	Ft8.163	0.661478
Fe1.11767	Fe4.13205	1.27586	Ft2.4308	Ft2.4631	0.661336
Fe4.552	Fe4.12907	1.2752	Ft1.1551	Ft8.2176	0.661209
Fe4.11293	Fe6.8368	1.27514	Ft2.1018	Ft6.1893	0.661126
Fe5.14407	Fe7.13401	1.27502	Ft2.5253	Ft7.1150	0.661107
Fe2.9056	Fe8.11521	1.27499	Ft2.2561	Ft8.4000	0.660994
Fe4.2555	Fe4.14137	1.27488	Ft1.210	Ft6.20	0.6609
Fe5.11100	Fe7.155	1.27486	Ft3.1733	Ft8.2582	0.6607
Fe2.10269	Fe4.9590	1.27471	Ft6.1615	Ft8.807	0.660053
Fe4.4596	Fe6.8368	1.27459	Ft4.2884	Ft4.4975	0.6599
Fe1.10043	Fe4.12501	1.27443	Ft2.199	Ft2.6228	0.659879
Fe1.7128	Fe4.5885	1.27438	HiC_scaffold_5_1	HiC_scaffold_5_19	0.659644
Fe3.12037	Fe4.5969	1.2743	Ft4.2863	Ft7.3021	0.659502
Fe4.84	Fe6.1402	1.27429	Ft6.1037	Ft6.2791	0.659377
Fe1.2500	Fe8.3656	1.27424	Ft1.1280	Ft2.4984	0.659073
Fe1.11212	Fe6.10249	1.27422	Ft4.1403	Ft5.362	0.659072
Fe2.570	Fe7.11549	1.27417	Ft2.3944	Ft6.2977	0.659063
Fe3.159	Fe4.14202	1.27406	Ft3.5683	Ft5.2915	0.658696
Fe5.9103	Fe7.888	1.2739	Ft2.4633	Ft4.3813	0.658615
Fe2.4154	Fe5.7386	1.27383	Ft2.1477	Ft7.1072	0.658181
Fe4.11603	Fe7.6232	1.27378	Ft4.151	Ft6.2369	0.658011
Fe3.5642	Fe7.3560	1.27373	Ft4.4790	HiC.scaffold.5.119	0.657966
Fe5.9988	Fe6.8060	1.27372	Ft3.3477	Ft7.2087	0.657413
Fe3.10070	Fe5.10265	1.27364	Ft4.6201	Ft6.1630	0.657007
Fe6.5336	Fe7.10999	1.27364	Ft4.726	Ft7.4765	0.656896
Fe1.14594	Fe4.14402	1.27356	Ft2.904	Ft8.807	0.656671
Fe4.8299	Fe5.4056	1.27341	Ft3.989	Ft7.3754	0.656112
Fe1.5081	Fe4.5047	1.27307	Ft2.5881	Ft4.5637	0.655888
Fe4.3727	Fe4.10224	1.27281	Ft1.332	Ft6.3245	0.655784
Fe5.56	Fe8.10626	1.27277	Ft8.4270	Ft8.4880	0.655518
Fe2.3840	Fe6.1851	1.27276	Ft6.1480	Ft8.632	0.655393
Fe1.5389	Fe4.3760	1.27248	Ft3.425	Ft3.571	0.655387
Fe3.818	Fe8.6731	1.27239	Ft1.795	Ft6.1282	0.655264

Fe3.815	Fe8.6686	1.27233	Ft4.5168	Ft8.1808	0.655191
Fe6.3001	Fe8.8047	1.27227	Ft2.5207	Ft8.1865	0.655127
Fe1.10081	Fe4.1107	1.27225	Ft1.658	Ft6.1182	0.655034
Fe3.11236	Fe5.1629	1.27211	Ft4.580	Ft6.408	0.65502
Fe3.12019	Fe4.13508	1.27211	Ft4.440	Ft6.335	0.655008
Fe4.13468	Fe8.10352	1.27192	Ft7.4719	Ft8.131	0.654898
Fe1.12063	Fe2.8850	1.2719	Ft3.1485	Ft8.3416	0.654757
Fe7.2264	Fe8.11354	1.27174	Ft3.3178	Ft4.2630	0.65472
Fe4.8368	Fe6.4590	1.27172	Ft3.1967	Ft4.3228	0.654675
Fe1.10315	Hic.scaffold.10.368	1.27083	Ft2.3917	Ft2.6020	0.654594
Fe6.974	Fe8.10147	1.27082	Ft2.433	Ft4.3877	0.654387
Fe3.2397	Fe4.11600	1.27023	Ft3.4236	Ft8.823	0.654289
Fe6.11923	Fe7.5960	1.27007	Ft2.2713	Ft3.2084	0.654269
Fe4.7979	Fe5.4834	1.26998	Ft2.6611	Ft7.1068	0.654122
Fe2.1865	Fe4.12748	1.26958	Ft2.3355	Ft4.5930	0.654005
Fe7.12894	Fe8.6694	1.26834	Ft4.3053	Ft8.410	0.653271
Fe3.7618	Fe8.1641	1.26828	Ft7.3298	Ft8.1787	0.653165
Fe3.4473	Fe4.10297	1.26825	Ft3.3743	Ft7.1048	0.653142
Fe3.5563	Fe8.126	1.26813	Ft2.199	Ft2.2927	0.653141
Fe4.7514	Fe6.6672	1.26802	Ft1.2472	Ft4.2563	0.653103
Fe3.1781	Fe8.786	1.26796	Ft2.2601	Ft4.4327	0.653066
Fe4.6366	Fe7.659	1.26746	Ft3.1199	Ft8.2938	0.652985
Fe3.9225	Fe5.11904	1.26732	Ft2.3528	Ft2.5595	0.652247
Fe1.1485	Fe6.3485	1.26728	Ft2.2808	Ft7.3288	0.65223
Fe2.775	Fe3.3071	1.26693	Ft3.2035	Ft4.5614	0.652228
Fe1.6570	Fe8.7981	1.26692	Ft2.311	Ft7.615	0.652212
Fe5.12660	Fe7.3277	1.26682	Ft2.5868	Ft2.6587	0.65176
Fe3.9659	Fe7.11343	1.26636	Ft7.3278	Ft8.3478	0.651648
Fe4.14573	Fe6.838	1.26609	Ft3.3974	Ft8.1454	0.651404
Fe1.12701	Hic.scaffold.12.142	1.26603	Ft3.5766	Ft8.4533	0.651171
Fe3.8693	Fe7.12894	1.26597	Ft2.208	Ft4.4168	0.650905
Fe4.5371	Fe4.9871	1.26597	Ft3.4214	Ft7.3118	0.650876
Fe1.4351	Fe2.7790	1.26591	Ft3.1414	Ft6.1332	0.650762
Fe6.10312	Fe7.8079	1.26582	Ft2.840	Ft3.1380	0.650041
Fe2.493	Fe5.11125	1.26574	Ft3.2908	Ft5.2393	0.649971
Fe2.9558	Fe5.12788	1.26569	Ft7.2474	Ft7.4906	0.649755
Fe4.2024	Fe8.11129	1.26563	Ft1.258	Ft6.858	0.649527
Fe1.2341	Fe1.14046	1.26534	Ft2.1761	Ft2.3278	0.649271
Fe1.4314	Fe7.1425	1.26534	Ft2.5445	Ft7.2652	0.649012
Fe4.2921	Fe6.3100	1.26529	Ft1.2512	Ft4.2479	0.64886
Fe3.14463	Fe8.11530	1.26485	Ft2.74	Ft4.4043	0.64886
Fe2.7498	Fe6.4639	1.26455	Ft2.1529	Ft2.4117	0.648855
Fe5.10712	Fe7.390	1.26432	Ft2.6469	Ft7.4906	0.648745
Fe4.830	Fe4.12353	1.26411	Ft4.2672	Ft6.2676	0.648736
Fe1.12234	Fe4.13298	1.26403	Ft7.2243	Ft8.1521	0.648516
Fe1.14238	Fe6.3707	1.26395	Ft1.811	Ft6.1288	0.648253
Fe6.9201	Fe7.8137	1.26389	Ft2.2618	Ft3.1838	0.648204
Fe3.3063	Fe7.11857	1.26381	Ft3.1745	Ft7.2806	0.64804
Fe5.10280	Fe7.500	1.26379	Ft4.4573	Ft7.4753	0.648032
Fe1.11188	Fe4.498	1.2632	Ft2.205	Ft8.4508	0.647993
Fe1.2966	Fe6.9404	1.26298	Ft2.1883	Ft3.3217	0.647815
Fe7.180	Fe7.2968	1.26261	Ft2.199	Ft8.1835	0.647475
Fe2.7678	Fe4.5133	1.26254	Ft2.5135	Ft4.5197	0.647462
Fe3.7369	Fe8.9209	1.26252	Ft2.1608	Ft6.823	0.647297
Fe4.14137	Fe6.517	1.26233	Ft3.5717	Ft5.1498	0.64711

Fe3.13598	Fe4.8402	1.26226
Fe4.1909	Fe5.9835	1.26223
Fe2.12718	Fe8.9318	1.26217
Fe2.10006	Fe3.7985	1.2621
Fe5.64	Fe5.4300	1.26203
Fe3.9792	Fe7.4972	1.26196
Fe2.14198	Fe3.14100	1.26195
Fe1.5307	Fe7.1791	1.26194
Fe3.5608	Fe6.3170	1.26187
Fe2.12265	Fe7.1048	1.26175
Fe6.6430	Fe7.5014	1.26103
Fe3.3551	Fe3.12181	1.26026
Fe5.56	Hic.scaffold.11.157	1.26018
Fe3.8655	Fe7.8137	1.25928
Fe4.5556	Fe8.1397	1.25919
Fe4.7979	Fe6.4078	1.25918
Fe6.789	Fe8.9886	1.25898
Fe2.13051	Fe3.13827	1.25889
Fe5.14469	Fe6.167	1.25889
Fe2.9067	Fe8.11523	1.25878
Fe5.3903	Fe6.9239	1.25878
Fe1.13205	Fe2.13496	1.25821
Fe4.137	Fe5.13567	1.25793
Fe3.362	Fe5.513	1.25768
Fe1.9808	Fe4.12265	1.25761
Fe6.5447	Fe8.7697	1.25696
Fe1.10857	Fe4.547	1.25672
Fe4.2923	Fe7.5795	1.25644
Fe6.3791	Fe7.7184	1.25643
Fe7.204	Fe8.8397	1.25641
Fe2.331	Fe2.6661	1.25621
Fe1.9210	Fe2.8933	1.25609
Fe1.5189	Fe2.12486	1.25586
Fe1.14506	Fe8.11525	1.25577
Fe2.12252	Fe7.865	1.25572
Fe3.4689	Fe7.6108	1.25569
Fe2.9284	Fe2.10301	1.25559
Fe2.2478	Fe6.3455	1.25531
Fe1.2603	Fe4.11085	1.25522
Fe2.6178	Fe7.3558	1.25503
Fe2.11243	Fe2.13777	1.25358
Fe2.2964	Fe7.11948	1.25352
Fe5.167	Fe7.3560	1.25347
Fe5.12315	Fe7.1978	1.2533
Fe1.14077	Fe5.14109	1.25328
Fe2.10429	Fe3.13639	1.25326
Fe2.1739	Fe4.708	1.25324
Fe2.6013	Fe2.10253	1.25319
Fe1.13793	Fe6.3109	1.253
Fe3.1215	Fe6.11561	1.25283
Fe4.3797	Hic.scaffold.10.519	1.25277
Fe4.14253	Fe8.455	1.25233
Fe1.9741	Fe6.3327	1.25223
Fe2.13731	Fe5.9424	1.25223
Fe3.6522	Fe7.12145	1.25214
Ft1.2151	Ft6.2174	0.646983
Ft2.2974	Ft8.115	0.646961
Ft3.1907	Ft4.726	0.64678
Ft1.2055	Ft4.1716	0.646696
Ft4.3328	Ft4.3729	0.646661
Ft2.1054	Ft8.2081	0.646637
Ft6.2261	Ft8.2280	0.646463
Ft7.2159	Ft8.679	0.646362
Ft3.590	Ft6.1488	0.646189
Ft2.4179	Ft2.6044	0.645885
Ft5.1695	Ft7.3126	0.645842
Ft3.1491	Ft8.280	0.645792
Ft4.1069	Ft6.949	0.645768
Ft4.4790	HiC.scaffold.5.100	0.645699
Ft2.1529	Ft7.4915	0.645687
Ft5.1628	Ft7.2983	0.645256
Ft2.3128	Ft7.3019	0.645168
Ft6.974	Ft8.492	0.6451
Ft2.6181	Ft6.1298	0.644991
Ft2.5197	Ft8.1853	0.644985
Ft2.6469	Ft3.1564	0.644892
Ft5.1719	HiC.scaffold.5.56	0.644764
Ft7.1068	Ft8.1835	0.644715
Ft8.195	Ft8.1227	0.644714
Ft1.1928	Ft4.1585	0.644551
Ft2.5391	Ft7.1379	0.644021
Ft3.5490	Ft7.5177	0.644004
Ft3.430	Ft4.753	0.643885
Ft2.991	Ft7.2316	0.643714
Ft5.183	Ft6.2092	0.643698
Ft3.5264	Ft8.4645	0.643394
Ft5.1704	Ft7.3142	0.643351
Ft3.5742	Ft5.1505	0.643344
Ft5.128	Ft6.408	0.643292
Ft1.18	Ft6.1389	0.643186
Ft2.6594	Ft7.3831	0.643075
Ft4.369	Ft4.1938	0.643075
Ft3.3480	Ft4.3699	0.643022
Ft2.5204	Ft8.1859	0.642702
Ft2.2426	Ft6.559	0.642666
Ft3.1930	Ft7.1750	0.642099
Ft1.332	Ft6.927	0.641915
Ft3.2683	Ft7.322	0.641842
Ft2.4048	Ft2.5833	0.64167
Ft4.3454	Ft7.482	0.641406
Ft2.4554	Ft8.4358	0.641275
Ft3.1912	Ft7.1695	0.640971
Ft2.6473	Ft8.3598	0.640516
Ft3.5495	Ft5.2951	0.640284
Ft4.914	Ft8.5102	0.640074
Ft1.2511	Ft4.2482	0.639975
Ft8.163	Ft8.492	0.639617
Ft6.1675	Ft7.1017	0.639588
Ft2.4525	Ft4.2498	0.639511
Ft2.28	Ft4.1359	0.639021

Fe2.11591	Fe8.11183	1.25182
Fe1.10966	Fe4.525	1.25138
Fe3.4584	Fe7.6237	1.25138
Fe7.2685	Fe7.3488	1.2513
Fe5.497	Fe7.4426	1.25088
Fe3.9713	Fe6.9526	1.25056
Fe2.3889	Fe5.10882	1.25042
Fe5.3750	Fe6.9425	1.25028
Fe8.5328	Fe8.7632	1.25027
Fe3.11990	Fe5.10735	1.25006
Fe2.10437	Fe4.2231	1.2499
Fe3.14367	Fe8.11536	1.24973
Fe2.10469	Fe4.2235	1.24946
Fe1.10315	Fe4.821	1.24899
Fe3.9602	Fe8.2667	1.24856
Fe2.7787	Fe7.1436	1.24846
Fe4.5622	Fe6.4820	1.24842
Fe2.8187	Fe7.12938	1.2484
Fe7.480	Fe7.3146	1.24803
Fe2.11709	Fe2.13662	1.24788
Fe5.10692	Fe7.3708	1.24781
Fe1.10460	Fe2.4138	1.24761
Fe6.3761	Fe7.5110	1.24743
Fe1.8532	Fe5.9988	1.24737
Fe1.6896	Fe3.1873	1.24736
Fe6.9893	Fe7.8137	1.24693
Fe3.4206	Fe5.1151	1.24691
Fe2.10800	Fe8.11560	1.24682
Fe3.6095	Fe7.9788	1.24628
Fe2.13069	Fe7.853	1.24627
Fe6.12004	Fe7.6232	1.24625
Fe1.8898	Fe8.4178	1.24617
Fe4.8154	Fe5.9103	1.24503
Fe1.10160	Fe4.12363	1.24499
Fe2.10301	Fe4.1808	1.24496
Fe3.13371	Fe5.8914	1.24496
Fe7.8241	Hic.scaffold.9.170	1.24494
Fe2.10223	Fe6.11876	1.24488
Fe2.8822	Fe4.8154	1.24442
Fe6.11889	Hic.scaffold.13.62	1.24432
Fe2.871	Fe4.209	1.244
Fe6.9985	Fe7.9955	1.24383
Fe2.7069	Fe3.12701	1.24341
Fe6.1262	Fe8.3091	1.24335
Fe5.14416	Fe7.13428	1.24301
Fe6.9985	Fe8.5110	1.24289
Fe1.7254	Fe3.7455	1.24239
Fe3.4568	Fe6.5336	1.24218
Fe3.7446	Fe6.9985	1.24187
Fe4.4146	Fe7.3148	1.24169
Fe1.9512	Fe4.4596	1.24129
Fe5.3199	Fe5.13035	1.24103
Fe1.1508	Fe4.2909	1.24076
Fe6.8424	Fe8.3298	1.24059
Fe2.11325	Fe2.11854	1.23941
Ft4.3023	Ft8.3007	0.638943
Ft3.625	Ft8.2889	0.638633
Ft2.3385	Ft8.3677	0.638548
Ft3.3170	Ft7.1093	0.638408
Ft5.2000	Ft7.5259	0.638227
Ft2.449	Ft2.4661	0.638101
Ft3.913	Ft3.1838	0.637968
Ft2.3760	Ft2.5393	0.637893
Ft3.3920	Ft4.2181	0.637608
Ft4.5660	Ft4.5865	0.637562
Ft2.5304	Ft4.814	0.637522
Ft4.4552	Ft5.2061	0.636996
Ft1.59	Ft6.1441	0.636927
Ft2.4447	Ft3.4867	0.63685
Ft4.1745	Ft7.482	0.636839
Ft1.290	Ft6.875	0.636483
Ft4.409	Ft4.1917	0.636267
Ft3.1380	Ft3.3473	0.636087
Ft2.2714	Ft2.3092	0.635859
Ft1.2691	Ft4.975	0.635787
Ft1.2224	Ft4.1951	0.635726
Ft3.5466	Ft8.4597	0.63569
Ft1.1104	Ft7.4990	0.635443
Ft2.4664	Ft4.5476	0.635309
Ft6.3677	Ft7.2586	0.635199
Ft2.6522	Ft8.3722	0.635115
Ft1.1947	Ft4.1622	0.634933
Ft5.1777	Ft8.2373	0.634931
HiC_scaffold_5_HiC_scaffold_5_10		0.634893
HiC_scaffold_5_HiC_scaffold_5_37		0.634893
Ft2.969	Ft4.2864	0.63472
Ft2.1913	Ft2.2504	0.63471
Ft4.4340	Ft6.1276	0.634584
Ft4.2542	Ft7.1779	0.634314
Ft4.529	Ft6.388	0.633847
Ft2.5993	Ft4.5737	0.633819
Ft2.4633	Ft4.819	0.633476
Ft3.989	Ft7.4765	0.633378
Ft4.2919	Ft4.4366	0.633355
Ft5.1694	Ft7.3125	0.633179
Ft3.4769	Ft7.3896	0.633113
Ft1.334	Ft6.931	0.632476
Ft2.1054	Ft4.162	0.632444
Ft5.1634	Ft7.3005	0.632296
Ft1.285	Ft7.3590	0.63222
Ft3.3495	Ft4.5650	0.63185
Ft1.226	Ft6.13	0.631755
Ft3.3992	Ft8.4813	0.631441
Ft3.826	Ft3.1072	0.631392
Ft2.73	Ft4.4040	0.630877
Ft3.1932	Ft7.612	0.630757
Ft4.142	Ft6.2373	0.630655
Ft1.1251	Ft2.5006	0.630589
Ft1.1581	Ft8.2148	0.630582
Ft3.2855	Ft5.618	0.630554

Fe5.175	Fe6.505	1.23928
Fe2.9816	Fe3.12078	1.23898
Fe3.1116	Fe6.11730	1.23898
Fe3.5900	Fe7.3463	1.23886
Fe1.3550	Fe5.1858	1.23865
Fe1.412	Fe2.13913	1.23848
Fe3.3093	Fe6.11384	1.23842
Fe2.13501	Fe3.3379	1.23839
Fe1.14515	Fe8.11522	1.23831
Fe5.4056	Fe7.6414	1.23806
Fe5.6676	Fe5.7724	1.23767
Fe2.4647	Fe6.9484	1.23701
Fe1.14525	Fe5.9654	1.23668
Fe3.525	Fe6.9365	1.23656
Fe1.14308	Fe2.1469	1.23649
Fe3.12078	Fe4.12300	1.23646
Fe7.10999	Fe7.11455	1.23629
Fe6.2369	Fe8.424	1.23613
Fe3.9201	Fe7.8079	1.23602
Fe7.1425	Hic.scaffold.13.290	1.23587
Fe3.8872	Fe8.6488	1.23567
Fe5.10389	Fe7.3158	1.23566
Fe1.508	Fe5.13605	1.23552
Fe2.9664	Fe8.10956	1.23512
Fe5.8891	Fe6.5193	1.23512
Fe2.11704	Fe7.1240	1.23509
Fe2.1846	Fe4.719	1.23491
Fe2.9583	Fe4.2083	1.23487
Fe5.6676	Fe5.7819	1.23435
Fe3.391	Fe8.11922	1.23432
Fe2.4922	Fe5.3566	1.23413
Fe2.13191	Fe8.10965	1.2338
Fe4.8402	Fe5.3523	1.23361
Fe2.13308	Fe8.12080	1.23336
Fe2.14184	Fe3.14138	1.23325
Fe4.569	Fe4.12877	1.23321
Fe5.1161	Fe7.7184	1.23291
Fe3.3004	Fe7.11828	1.23243
Fe1.7873	Fe3.6069	1.23227
Fe1.7254	Fe5.5299	1.23224
Fe1.8219	Fe5.6636	1.23208
Fe2.3081	Fe7.6108	1.23185
Fe1.12111	Fe4.8212	1.23155
Fe2.3199	Fe4.3959	1.23137
Fe2.13320	Fe2.14218	1.23136
Fe2.12000	Fe6.3730	1.23081
Fe1.14128	Fe6.4001	1.23044
Fe1.5328	Fe7.1798	1.23029
Fe5.14414	Fe6.1545	1.23002
Fe1.12653	Fe4.13554	1.22998
Fe2.8861	Fe4.1885	1.22965
Fe1.13205	Fe2.13463	1.22934
Fe1.10723	Fe7.10765	1.22913
Fe3.14359	Fe4.2896	1.22907
Fe2.14297	Fe8.10436	1.22903
Ft5.2798	Ft7.2000	0.630493
Ft3.19	Ft6.3537	0.630387
Ft4.1745	Ft4.2155	0.630292
Ft3.1398	Ft3.3495	0.629525
Ft3.1838	Ft8.4074	0.629472
Ft1.1701	Ft5.346	0.629237
Ft2.281	Ft4.4220	0.629124
Ft6.141	Ft7.4906	0.628871
Ft7.2652	Ft8.2915	0.628751
Ft2.5228	Ft4.5008	0.628024
Ft1.1784	Ft5.390	0.627731
Ft4.2780	Ft8.1535	0.627716
Ft3.5510	Ft7.4697	0.627633
Ft2.3148	Ft7.3004	0.627368
Ft1.139	Ft2.4750	0.627121
Ft3.5	Ft7.3298	0.627051
Ft3.607	Ft8.2901	0.627008
Ft3.2421	Ft6.209	0.626814
Ft2.5811	Ft3.4201	0.626652
Ft2.4895	Ft7.4990	0.626514
Ft2.4486	Ft2.5954	0.626322
Ft4.1938	Ft8.163	0.626135
Ft3.4565	Ft3.5447	0.62591
Ft6.1488	Ft7.393	0.625871
Ft4.5208	Ft8.1724	0.625811
Ft3.4975	Ft8.1385	0.62572
HiC_scaffold_5_2	iC_scaffold_5_33	0.625543
HiC_scaffold_5_1	iC_scaffold_5_29	0.625543
Ft5.2016	Ft7.5223	0.625098
Ft1.445	Ft6.1018	0.625043
Ft3.1838	Ft6.2083	0.624844
Ft7.4906	Ft7.5263	0.624818
HiC_scaffold_5_1	iC_scaffold_5_38	0.624391
Ft1.171	Ft6.64	0.624386
Ft1.8	Ft6.1378	0.624227
Ft4.4778	HiC.scaffold.5.347	0.624169
Ft1.2076	Ft4.1752	0.623836
Ft3.826	Ft3.5766	0.6237
Ft3.591	Ft3.4618	0.623344
Ft2.5266	Ft8.1980	0.623333
Ft7.3115	Ft8.4211	0.623081
Ft7.3943	Ft7.5177	0.623042
Ft2.833	Ft4.4340	0.622893
Ft4.1257	Ft5.358	0.622589
Ft2.904	Ft8.3306	0.622403
Ft2.2369	Ft8.341	0.622237
Ft4.444	Ft6.438	0.621876
Ft7.638	Ft8.1679	0.621594
Ft2.5910	Ft2.6611	0.621559
Ft3.2793	Ft7.1243	0.621485
Ft4.2135	Ft8.1835	0.621405
Ft4.914	Ft7.2956	0.621258
Ft6.1044	Ft6.3269	0.621072
Ft3.4154	Ft4.1690	0.621002
Ft2.889	Ft4.157	0.620907

Fe2.10267	Fe5.9409	1.22869	Ft2.4618	Ft4.3782	0.620807
Fe7.2971	Fe8.8359	1.22859	Ft5.1642	Ft7.3028	0.620793
Fe4.7440	Fe5.11423	1.2284	Ft1.2103	Ft4.1849	0.620757
Fe1.2294	Fe4.926	1.22777	Ft4.4854	Ft8.2565	0.620746
Fe2.11239	Fe3.14363	1.22771	Ft2.2618	Ft7.4697	0.620615
Fe5.12362	Fe7.2006	1.22743	Ft4.4778	HiC.scaffold.5.111	0.620553
Fe3.6366	Fe7.3633	1.22724	Ft2.4565	Ft2.5909	0.620527
Fe3.8601	Fe6.11374	1.2272	Ft2.6440	Ft8.492	0.62046
Fe1.10863	Fe2.3243	1.22696	Ft1.2046	Ft4.1709	0.620345
Fe5.11682	Fe7.229	1.22687	Ft2.2663	Ft3.147	0.620308
Fe3.60	Fe8.11940	1.22671	HiC_scaffold_5_1	HiC_scaffold_5_28	0.620097
Fe2.6048	Fe5.8013	1.22613	Ft2.3391	Ft8.3690	0.620037
Fe5.4750	Fe7.6376	1.22594	Ft2.449	Ft8.271	0.619998
Fe4.547	Fe5.1111	1.22549	Ft3.4154	Ft7.419	0.619824
Fe3.4479	Fe6.1120	1.22538	Ft2.5229	Ft8.1947	0.619469
Fe5.6628	Fe8.4076	1.22481	Ft3.1380	Ft4.4276	0.619435
Fe2.11231	Fe2.13779	1.22469	Ft2.3994	Ft6.3019	0.619385
Fe1.10325	Fe5.11951	1.22466	Ft3.2426	Ft7.590	0.619242
Fe7.6377	Fe7.12691	1.22428	Ft2.5054	Ft6.1611	0.618707
Fe6.79	Fe8.11786	1.22402	Ft2.3518	Ft5.2979	0.618688
Fe4.14200	Fe6.554	1.22384	Ft2.201	Ft2.4447	0.618458
Fe4.2856	Fe8.11303	1.22362	Ft3.3418	Ft7.3731	0.61834
Fe6.891	Fe8.9979	1.22355	Ft5.1622	Ft7.3947	0.61799
Fe6.5135	Fe8.3656	1.22352	Ft2.4618	Ft3.879	0.617696
Fe5.11639	Fe7.2668	1.22332	Ft3.462	Ft5.1180	0.617599
Fe3.3348	Fe3.9602	1.223	Ft2.2378	Ft2.3046	0.617524
Fe2.7896	Fe3.14029	1.22295	Ft3.1986	Ft4.4764	0.617471
Fe1.11930	Fe4.13229	1.22194	Ft1.1714	Ft4.1257	0.617427
Fe1.9820	Fe6.1966	1.22166	Ft2.5060	Ft8.1603	0.617247
Fe7.5545	Fe8.10917	1.22116	Ft2.2713	Ft4.2135	0.616953
Fe1.5992	Fe5.12379	1.22025	Ft1.1714	Ft5.358	0.616893
Fe4.10320	Fe8.4294	1.22022	Ft2.2927	Ft4.5660	0.616754
Fe4.11554	Fe5.5553	1.21996	Ft2.2925	Ft3.3034	0.616685
Fe1.8195	Fe8.3289	1.21939	Ft1.35	Ft6.1399	0.616597
Fe2.2135	Fe3.5642	1.21837	Ft2.5194	Ft2.6469	0.61652
Fe1.8771	Fe5.3329	1.21836	Ft2.3231	Ft2.5333	0.61649
Fe3.11934	Fe5.1880	1.21772	Ft2.2927	Ft3.3495	0.616382
Fe3.14519	Fe5.10507	1.21761	Ft2.4525	Ft4.5650	0.615966
Fe3.409	Fe7.4304	1.21732	Ft6.844	Ft6.1044	0.615952
Fe1.4840	Fe6.11840	1.21729	HiC_scaffold_5_1	HiC_scaffold_5_19	0.615921
Fe2.12292	Fe4.4678	1.2172	Ft2.600	Ft4.3561	0.615752
Fe1.10687	Fe5.13058	1.21666	Ft6.3373	Ft7.4702	0.615751
Fe2.12806	Fe8.9112	1.21663	Ft2.2010	Ft7.1635	0.615192
Fe2.5912	Fe6.40	1.21618	Ft3.984	Ft8.469	0.615149
Fe3.2118	Fe5.3900	1.21566	Ft2.5253	Ft3.5595	0.615104
Fe4.11895	Fe5.3172	1.21561	Ft3.924	Ft6.529	0.614985
Fe2.3836	Fe7.8137	1.2154	Ft2.5280	Ft4.4901	0.614754
Fe4.7855	Fe7.3633	1.21512	Ft2.2856	Ft4.753	0.61472
Fe1.11439	Fe4.457	1.21417	Ft2.3403	Ft2.5561	0.614719
Fe3.13805	Fe8.11583	1.21407	Ft3.1400	Ft5.1152	0.614583
Fe5.11778	Fe7.8198	1.21393	Ft3.2084	Ft8.225	0.614269
Fe4.9484	Fe7.6018	1.2136	Ft2.5911	Ft4.5656	0.6141
Fe4.3890	Fe8.1397	1.21347	Ft2.4016	Ft7.3298	0.614008
Fe3.4401	Fe6.6006	1.2132	Ft2.5849	Ft4.5614	0.613929
Fe1.7426	Fe3.5714	1.21318	Ft2.6020	Ft7.2251	0.613289

Fe8.2158	Fe8.3656	1.2131
Fe2.11331	Fe2.11914	1.213
Fe5.13646	Fe6.2607	1.21291
Fe3.9856	Fe7.12784	1.2118
Fe3.5203	Fe3.11990	1.21159
Fe4.11697	Fe6.10229	1.2107
Fe2.14067	Fe3.10264	1.21056
Fe2.8187	Fe3.12316	1.21022
Fe4.2969	Fe8.12096	1.21015
Fe1.13626	Fe4.13884	1.20998
Fe6.11179	Fe7.1614	1.20978
Fe3.226	Fe5.4100	1.20958
Fe2.11290	Fe3.14390	1.20952
Fe4.14069	Fe6.470	1.20948
Fe2.2577	Fe5.11712	1.20947
Fe1.12700	Fe4.13556	1.2094
Fe5.14441	Fe7.2427	1.20938
Fe1.14540	Fe4.1918	1.20902
Fe5.11705	Fe7.238	1.20899
Fe2.535	Fe6.8045	1.20823
Fe7.11687	Fe8.10138	1.20799
Fe1.6121	Fe4.6007	1.20783
Fe3.4693	Fe6.6229	1.20778
Fe5.6198	Fe5.11109	1.2077
Fe3.13423	Fe8.3507	1.20747
Fe4.2296	Fe7.1138	1.20746
Fe4.1980	Fe8.11516	1.20727
Fe2.4138	Fe7.1661	1.20698
Fe4.14214	Fe6.574	1.20694
Fe4.5885	Fe6.2195	1.20657
Fe6.8368	Fe6.9185	1.2065
Fe6.3791	Fe8.9147	1.20641
Fe3.8819	Fe7.6816	1.2062
Fe1.178	Fe6.2187	1.20618
Fe1.12660	Fe5.2086	1.20592
Fe2.9816	Fe7.3645	1.20567
Fe5.12519	Fe7.2136	1.20565
Fe4.9584	Fe5.12814	1.20552
Fe1.10315	Hic.scaffold.10.395	1.2054
Fe7.152	Fe7.11402	1.20539
Fe3.208	Fe4.14131	1.20492
Fe3.579	Fe8.7608	1.20488
Fe1.10460	Fe7.6377	1.20483
Fe2.9757	Fe4.5622	1.20482
Fe4.2955	Fe6.11748	1.2046
Fe4.12260	Fe8.1750	1.20388
Fe5.11690	Fe7.237	1.20371
Fe5.4047	Fe6.566	1.20367
Fe4.6048	Fe8.10091	1.20346
Fe2.2639	Fe2.7194	1.20339
Fe3.2831	Fe7.11231	1.20299
Fe7.8437	Fe8.3444	1.2027
Fe7.3032	Fe8.8165	1.20267
Fe2.4543	Fe3.9229	1.20256
Fe7.430	Fe7.3172	1.2025
Ft5.2213	Ft7.3638	0.612897
Ft2.4644	Ft4.2056	0.612673
Ft2.6627	Ft4.5984	0.612515
Ft4.3813	Ft4.4827	0.612271
Ft3.1835	Ft7.4741	0.612009
Ft2.3204	Ft3.2821	0.611809
Ft4.4320	Ft8.225	0.611713
Ft3.2121	Ft7.1241	0.611622
Ft3.3019	Ft4.6169	0.611606
Ft1.1616	Ft8.2079	0.611401
Ft4.3717	Ft8.2427	0.611282
Ft4.2036	Ft6.974	0.611124
Ft2.4222	Ft8.3478	0.61101
Ft1.178	Ft6.50	0.610784
Ft7.3013	Ft8.746	0.610608
Ft4.1917	Ft7.4875	0.610229
Ft5.2796	Ft7.1988	0.609744
Ft4.3536	Ft7.4915	0.609739
Ft2.2952	Ft2.6571	0.609434
Ft5.2795	Ft7.1987	0.609169
Ft2.4222	Ft2.4644	0.608638
Ft2.1074	Ft8.4209	0.608332
Ft3.1583	Ft8.4533	0.608204
Ft4.5409	Ft7.5068	0.608123
Ft7.3022	Ft8.1533	0.608039
HiC_scaffold_5_1	HiC_scaffold_5_29	0.607977
Ft4.3375	Ft6.1783	0.607874
Ft2.2754	Ft3.826	0.607688
Ft7.1623	Ft7.3278	0.607628
Ft2.5228	Ft8.1946	0.607269
Ft2.824	Ft4.3144	0.606962
Ft1.2104	Ft4.1850	0.606941
Ft2.4967	Ft7.3115	0.606866
Ft3.5724	Ft8.4560	0.606698
HiC_scaffold_5_1	HiC_scaffold_5_37	0.606187
Ft2.384	Ft4.885	0.606082
Ft2.218	Ft4.4169	0.605968
Ft2.4126	Ft4.1691	0.605195
Ft2.280	Ft4.4219	0.60515
Ft3.768	Ft6.2198	0.604932
Ft4.4827	Ft7.476	0.604785
Ft4.2133	Ft7.2425	0.604668
Ft3.3473	Ft4.3394	0.604504
Ft2.904	Ft3.879	0.604218
Ft7.4915	Ft8.3296	0.604218
Ft8.3940	Ft8.4301	0.604071
Ft6.744	Ft8.4848	0.60365
Ft2.840	Ft7.1150	0.60352
Ft1.2487	Ft4.2543	0.603462
Ft2.2323	Ft2.5194	0.60344
Ft2.4507	Ft3.1120	0.602878
Ft3.666	Ft3.5510	0.602683
Ft1.2126	Ft4.1888	0.602654
Ft2.4068	Ft2.5848	0.60263
Ft2.3994	Ft2.5799	0.602263

Fe4.11977	Fe8.1555	1.20242	Ft4.4825	Ft7.2635	0.602183
Fe2.13705	Fe8.11187	1.20236	Ft6.157	Ft8.2349	0.602113
Fe1.2603	Fe7.11231	1.2023	Ft3.826	Ft8.4310	0.602072
Fe1.6011	Fe5.6064	1.20217	Ft3.989	Ft7.3019	0.601165
Fe5.6628	Fe5.7529	1.20215	Ft3.1380	Ft7.2474	0.60114
Fe3.9030	Fe8.4593	1.20214	Ft2.248	Ft4.814	0.601095
Fe6.11214	Fe8.4272	1.20172	Ft2.1761	Ft3.4618	0.601093
Fe1.12531	Fe4.13521	1.20142	Ft2.2534	Ft4.3751	0.600706
Fe3.1150	Fe6.3042	1.20131	Ft3.2059	Ft6.1853	0.600372
Fe1.9277	Fe8.4593	1.20126	Ft7.615	Ft7.1648	0.600084
Fe5.6472	Fe8.6735	1.2012	Ft3.281	Ft8.4508	0.599875
Fe6.2195	Fe6.12004	1.20116	Ft3.1731	Ft8.2585	0.599831
Fe1.7814	Fe5.3383	1.20062	Ft4.5988	Ft7.1007	0.599822
Fe1.425	Fe6.2540	1.20021	Ft2.4661	Ft4.3881	0.599403
Fe6.11032	Fe7.3244	1.20004	Ft3.2421	Ft7.616	0.599248
Fe2.5085	Fe8.4415	1.19969	HiC_scaffold_5_1	iC_scaffold_5_23	0.599172
Fe7.8447	Fe8.5982	1.1993	Ft3.2753	Ft7.3399	0.59908
Fe5.2458	Fe5.6028	1.19914	Ft3.1564	Ft8.4571	0.599008
Fe6.3455	Fe7.1894	1.19897	Ft4.2142	Ft8.1260	0.598893
Fe1.3799	Fe8.443	1.1989	Ft2.3046	Ft8.1762	0.598713
Fe3.4956	Fe4.11087	1.1988	Ft3.1986	Ft3.2881	0.598516
Fe3.13542	Fe6.11418	1.19867	Ft4.4940	Ft7.4995	0.598485
Fe4.2052	Fe8.11008	1.19864	Ft7.4384	Ft8.4423	0.598473
Fe3.11909	Fe5.1863	1.19859	Ft3.3217	Ft7.2474	0.598345
Fe5.14501	Fe7.2660	1.19859	Ft3.1413	Ft4.4327	0.598301
Fe4.799	Fe4.12670	1.19857	Ft2.3412	Ft4.5904	0.598203
Fe2.13846	Fe8.7277	1.19832	Ft4.5650	Ft8.3338	0.598066
Fe4.2320	Fe8.5461	1.19815	Ft4.3929	Ft7.2540	0.598034
Fe1.9368	Fe4.12179	1.19814	Ft5.1946	Ft7.4512	0.597861
Fe1.7165	Fe7.3148	1.19812	HiC_scaffold_5_1	iC_scaffold_5_32	0.597395
Fe3.1129	Fe6.11691	1.19811	Ft4.5191	Ft8.1749	0.596992
Fe5.10445	Fe7.3159	1.19809	Ft1.827	Ft2.6184	0.596931
Fe2.895	Fe4.202	1.19806	Ft2.961	Ft2.4633	0.59669
Fe2.10952	Fe5.1943	1.19788	Ft3.1056	Ft6.2966	0.59642
Fe2.9462	Fe6.10603	1.19784	Ft3.2476	Ft6.2438	0.596419
Fe1.9379	Fe4.10513	1.19764	Ft2.1803	Ft3.590	0.596347
Fe2.4922	Fe3.9602	1.19749	Ft5.1628	Ft7.3035	0.596337
Fe2.13843	Fe8.7260	1.19734	Ft2.311	Ft8.3338	0.596298
Fe2.1542	Fe4.142	1.19729	Ft4.4788	HiC.scaffold.5.235	0.596041
Fe4.14112	Fe5.249	1.19707	Ft4.3018	Ft7.2681	0.595756
Fe3.11993	Fe5.1934	1.19705	Ft3.1564	Ft7.3115	0.595627
Fe1.27	Fe6.2505	1.1968	Ft2.6408	Ft3.1025	0.595418
Fe3.9856	Fe6.5583	1.1968	Ft2.6440	Ft3.1564	0.595399
Fe1.10184	Fe7.3633	1.1964	Ft1.262	Ft6.859	0.595272
Fe6.10405	Fe7.5828	1.19638	Ft3.3473	Ft3.5510	0.594595
Fe4.14348	Fe6.648	1.19636	Ft3.1932	Ft3.5447	0.59437
Fe1.11818	Fe5.3188	1.19622	Ft2.1043	Ft3.2963	0.593792
Fe3.9679	Fe6.9484	1.19614	Ft2.2477	Ft4.2636	0.593416
Fe4.14576	Fe8.9938	1.19546	Ft1.2061	Ft5.478	0.593307
Fe4.14165	Fe5.173	1.19535	Ft2.4317	Ft3.4798	0.593301
Fe2.13755	Fe5.9330	1.19524	Ft2.668	Ft8.1530	0.592949
Fe5.9685	Fe6.9265	1.19502	Ft2.6228	Ft3.1216	0.592552
Fe4.3727	Fe5.4462	1.19499	Ft2.2294	Ft3.2973	0.592474
Fe3.4931	Fe3.12229	1.19447	Ft3.1975	Ft8.4012	0.592458
Fe2.3792	Fe4.1514	1.19445	Ft2.4222	Ft3.2881	0.592362

Fe3.10336	Fe7.4138	1.19405
Fe4.14374	Fe5.89	1.19333
Fe5.1163	Fe7.11078	1.19317
Fe4.2235	Fe8.11596	1.19268
Fe3.5533	Fe3.13938	1.19264
Fe3.9713	Fe6.7709	1.19211
Fe6.5509	Fe7.7155	1.19207
Fe1.7305	Fe7.3019	1.19155
Fe3.14148	Fe5.9068	1.19143
Fe1.5070	Fe7.8137	1.19111
Fe5.3957	Fe7.1643	1.1911
Fe6.3039	Hic.scaffold.10.22	1.19096
Fe1.2538	Fe5.6676	1.19093
Fe3.2864	Fe3.7276	1.19086
Fe5.3553	Fe7.6653	1.19077
Fe4.14201	Fe5.10530	1.19069
Fe5.3199	Fe5.13025	1.19038
Fe3.120	Fe8.12116	1.19022
Fe4.7275	Fe4.8406	1.19013
Fe5.10692	Fe6.5364	1.18989
Fe1.4687	Fe1.6176	1.18981
Fe2.9636	Fe8.10968	1.18966
Fe2.1410	Fe6.9419	1.18903
Fe2.13815	Fe2.14188	1.18877
Fe5.4185	Fe8.7981	1.18871
Fe1.11470	Fe4.13176	1.18856
Fe2.2577	Fe8.1016	1.18856
Fe4.14348	Fe5.98	1.18828
Fe2.5293	Fe6.60	1.18795
Fe2.13680	Fe4.2668	1.18789
Fe4.14352	Fe5.97	1.18766
Fe1.2123	Fe6.2641	1.18717
Fe4.831	Fe7.10000	1.18696
Fe6.259	Fe7.13061	1.18649
Fe7.1184	Fe7.12780	1.18632
Fe4.10381	Fe5.6483	1.18626
Fe4.12900	Fe5.1108	1.18614
Fe1.13320	Fe3.13955	1.18556
Fe3.5641	Fe5.8322	1.18545
Fe2.8187	Fe6.3117	1.18543
Fe7.8137	Hic.scaffold.9.185	1.18497
Fe6.9640	Fe7.11598	1.18491
Fe3.9125	Fe7.9820	1.18489
Fe5.5246	Fe7.4945	1.18478
Fe2.8187	Fe2.13753	1.18438
Fe1.10571	Fe6.10405	1.18425
Fe1.12164	Fe8.8753	1.18421
Fe3.14558	Fe4.1997	1.18404
Fe3.13894	Fe7.8443	1.18379
Fe4.8504	Fe7.3467	1.18374
Fe2.9852	Fe2.13258	1.18357
Fe3.3267	Fe7.11231	1.18355
Fe2.3554	Fe3.2397	1.18348
Fe7.3724	Fe8.2073	1.18312
Fe3.14562	Fe5.9607	1.18303
Ft4.2168	Ft7.3094	0.592296
Ft4.2921	Ft4.3782	0.592276
Ft1.291	Ft6.876	0.592082
Ft2.2367	Ft3.4955	0.59185
Ft4.2135	Ft8.195	0.591726
Ft7.393	Ft7.4741	0.591183
Ft3.913	Ft4.5472	0.591159
Ft4.4209	Ft6.1593	0.591015
Ft1.2088	Ft4.1789	0.590881
Ft4.27	Ft5.9	0.590699
Ft3.2035	Ft4.4741	0.59068
Ft3.1861	Ft7.3288	0.590649
Ft2.6228	Ft7.3118	0.590248
Ft2.411	Ft8.4000	0.590043
Ft3.1907	Ft6.1044	0.589651
Ft2.4596	Ft4.1917	0.589354
Ft2.1529	Ft4.1984	0.589161
Ft3.2035	Ft8.195	0.588948
Ft3.1838	Ft4.814	0.588803
Ft2.2502	Ft3.4076	0.588493
Ft2.1609	Ft2.2036	0.58792
Ft2.4222	Ft4.885	0.587894
Ft2.384	Ft7.393	0.587852
HiC_scaffold_5_[iC_scaffold_5_23		0.587774
HiC_scaffold_5_1iC_scaffold_5_28		0.587759
Ft2.411	Ft3.1838	0.587723
Ft6.3247	Ft7.3022	0.587699
Ft7.4087	Ft7.5068	0.587651
Ft2.5253	Ft6.844	0.587401
Ft4.5008	Ft8.1946	0.587006
Ft2.2856	Ft4.4128	0.586707
Ft4.455	Ft5.81	0.586448
Ft1.1938	Ft5.450	0.586125
Ft2.2501	Ft7.3027	0.586077
Ft3.2577	Ft6.2500	0.585969
Ft4.2935	Ft7.3210	0.585527
HiC_scaffold_5_{iC_scaffold_5_33		0.58494
Ft2.660	Ft4.3498	0.58477
Ft3.2454	Ft7.576	0.584613
HiC_scaffold_5_4iC_scaffold_5_32		0.58437
Ft2.3422	Ft6.844	0.5843
Ft2.5123	Ft4.5212	0.584274
Ft2.1841	Ft3.4645	0.584247
Ft3.1986	Ft3.3473	0.584098
Ft2.3938	Ft2.5767	0.584072
Ft3.3236	Ft3.3495	0.584038
Ft3.3654	Ft8.4755	0.583699
Ft2.2879	Ft4.753	0.583442
Ft2.4511	Ft2.5944	0.583132
Ft2.1949	Ft7.2874	0.582413
Ft3.4990	Ft4.3846	0.582378
Ft7.1879	Ft7.5177	0.582339
Ft2.3046	Ft8.2915	0.582187
Ft2.3721	Ft4.5801	0.581529
Ft7.612	Ft7.1649	0.581395

Fe2.6977	Fe2.13187	1.18295	HiC_scaffold_5_1	HiC_scaffold_5_38	0.581288
Fe4.4013	Fe5.3635	1.18294	Ft2.5696	Ft7.2994	0.581021
Fe2.13840	Fe3.1399	1.18281	Ft2.904	Ft7.5134	0.580912
Fe1.7254	Fe1.8898	1.18268	Ft3.1426	Ft8.1305	0.580475
Fe3.8743	Fe4.9264	1.18259	Ft1.136	Ft2.4755	0.580291
Fe2.2589	Fe2.3675	1.18255	Ft3.1990	Ft7.1594	0.580058
Fe2.8969	Fe4.1975	1.18232	Ft7.1599	Ft7.4976	0.579876
Fe3.778	Fe8.6554	1.18229	Ft4.2570	Ft7.2058	0.579682
Fe3.1015	Fe5.1326	1.18219	Ft2.5880	Ft2.6323	0.579579
Fe5.10469	Fe7.3161	1.18162	Ft3.2828	Ft3.5516	0.579542
Fe1.4414	Fe2.7833	1.18138	Ft4.1152	Ft4.3560	0.579177
Fe2.3243	Fe8.7981	1.18126	Ft6.1366	Ft8.4455	0.578799
Fe3.802	Fe8.6650	1.18107	Ft4.5167	Ft8.1809	0.578349
Fe6.7547	Fe7.6356	1.18106	Ft6.1276	Ft8.3712	0.5783
Fe2.9312	Fe4.2015	1.18091	Ft5.46	Ft6.267	0.578285
Fe3.2019	Fe7.7223	1.18075	Ft3.4033	Ft8.492	0.578217
Fe3.13129	Fe7.3104	1.18072	Ft4.1888	Ft5.501	0.578217
Fe6.879	Fe8.9979	1.18066	Ft2.3802	Ft8.40	0.577965
Fe7.3633	Fe7.11598	1.18043	Ft2.4618	Ft8.3577	0.577727
Fe2.13533	Fe2.14133	1.18041	Ft4.481	Ft6.357	0.57769
Fe4.1936	Fe5.9735	1.18032	Ft7.3754	Ft7.4906	0.576212
Fe4.9693	Fe6.9772	1.18029	Ft2.1767	Ft2.4311	0.575709
Fe1.4415	Fe6.10421	1.18013	Ft3.1835	Ft3.2035	0.57557
Fe2.2722	Fe3.1124	1.1801	Ft1.70	Ft2.6563	0.574975
Fe5.1207	Fe7.11267	1.18007	Ft3.3468	Ft8.697	0.574815
Fe7.4268	Fe7.12262	1.17987	Ft2.4618	Ft7.419	0.574649
Fe3.188	Fe4.14160	1.17975	Ft2.2501	Ft4.1917	0.574499
Fe1.1880	Fe1.14169	1.17974	Ft7.969	Ft8.3879	0.574473
Fe3.7618	Fe7.11335	1.17954	Ft2.2523	Ft2.6408	0.574179
Fe6.1376	Fe7.4304	1.17933	Ft2.1865	Ft8.1284	0.574131
Fe2.1569	Fe4.535	1.17931	Ft2.742	Ft4.3373	0.574097
Fe4.3727	Fe6.2984	1.1787	Ft1.2715	Ft6.875	0.573879
Fe2.4443	Fe6.123	1.17789	Ft2.2502	Ft2.3047	0.573878
Fe5.1782	Fe5.3328	1.17742	HiC_scaffold_5_1	HiC_scaffold_5_27	0.573628
Fe2.11693	Fe2.13667	1.1774	Ft4.3782	Ft4.4854	0.573547
Fe4.3890	Fe8.1703	1.17732	Ft1.140	Ft2.4747	0.573482
Fe2.4628	Fe5.5375	1.17729	Ft5.88	Ft8.3649	0.573349
Fe2.1220	Fe4.439	1.17726	Ft7.475	Ft8.548	0.573172
Fe3.9125	Fe7.11405	1.17725	Ft7.186	Ft7.4875	0.572873
Fe2.2583	Fe4.3760	1.17715	Ft3.4618	Ft7.3831	0.572514
Fe1.2166	Fe6.4183	1.17697	Ft4.2157	Ft4.4153	0.57233
Fe1.14419	Fe3.2060	1.17682	Ft1.2643	Ft4.926	0.571602
Fe2.2863	Fe6.1985	1.1768	Ft2.2713	Ft4.1731	0.571141
Fe2.9561	Fe2.13371	1.17658	Ft4.6208	Ft6.1622	0.571024
Fe5.2878	Fe7.3560	1.17618	Ft2.833	Ft2.1843	0.570099
Fe1.2679	Fe1.5389	1.17591	Ft1.2481	Ft4.2548	0.569618
Fe6.9419	Fe8.732	1.17591	Ft2.4190	Ft2.6040	0.569424
Fe7.6377	Fe8.9209	1.17546	Ft5.194	Ft6.2084	0.569385
Fe3.13418	Fe5.8621	1.17514	Ft4.2168	Ft4.4854	0.569194
Fe1.11053	Fe4.10224	1.17507	Ft7.1269	Ft7.4906	0.568831
Fe6.10249	Hic.scaffold.10.155	1.17504	Ft2.1795	Ft7.3019	0.568717
Fe1.2416	Fe6.4258	1.17461	Ft2.6469	Ft6.1488	0.568648
Fe2.2134	Fe4.12365	1.17423	Ft2.3891	Ft2.5742	0.568142
Fe6.9573	Fe7.7384	1.17421	Ft3.4201	Ft4.2168	0.568114
Fe7.3277	Fe7.11335	1.17418	Ft5.1922	Ft7.4575	0.567993

Fe1.9979	Fe6.3570	1.17386
Fe2.3233	Fe4.3930	1.17348
Fe2.14292	Fe8.12040	1.17323
Fe3.4473	Fe4.8924	1.17289
Fe3.6239	Fe4.8339	1.17276
Fe5.14399	Fe6.1539	1.17253
Fe1.14389	Fe6.2528	1.1724
Fe1.9748	Hic.scaffold.10.285	1.1724
Fe4.897	Hic.scaffold.10.487	1.17217
Fe5.10850	Fe8.4322	1.17209
Fe3.7040	Fe4.7275	1.17207
Fe2.5134	Fe8.3060	1.17191
Fe2.2590	Fe2.7678	1.17169
Fe5.12598	Fe7.55	1.17168
Fe2.14282	Fe4.3015	1.17139
Fe2.1533	Fe4.13002	1.17088
Fe1.10863	Fe6.9494	1.17072
Fe1.10722	Fe4.568	1.17065
Fe5.6028	Fe6.5583	1.17015
Fe3.4288	Fe6.5745	1.16961
Fe1.12730	Fe4.13595	1.16957
Fe2.13673	Fe8.11242	1.16937
Fe4.9246	Fe7.6342	1.16918
Fe5.4056	Fe6.11750	1.16897
Fe1.423	Fe6.2542	1.16833
Fe2.9284	Fe8.2721	1.16823
Fe2.7735	Fe4.8467	1.16819
Fe3.3676	Fe3.7985	1.16799
Fe2.13392	Fe5.8914	1.16773
Fe1.11053	Fe2.4628	1.1676
Fe2.11787	Fe5.12700	1.16748
Fe3.1076	Fe7.4233	1.16743
Fe1.11396	Fe7.6756	1.16695
Fe2.11286	Fe2.13751	1.16694
Fe4.2854	Fe7.11231	1.16692
Fe2.10643	Fe2.12253	1.16687
Fe3.8668	Fe6.255	1.16664
Fe5.12660	Fe8.2555	1.1666
Fe1.7669	Fe2.2735	1.16641
Fe1.8878	Fe8.8948	1.16619
Fe8.9958	Hic.scaffold.13.91	1.16607
Fe7.3558	Fe7.6855	1.16597
Fe2.11241	Fe7.6466	1.16588
Fe3.829	Fe8.6747	1.16574
Fe4.8609	Fe6.12124	1.16553
Fe1.13285	Fe2.11135	1.16551
Fe6.4314	Fe7.7282	1.16548
Fe4.1728	Fe4.9706	1.16507
Fe1.3625	Fe6.7616	1.16452
Fe2.6322	Fe7.6018	1.16449
Fe3.12016	Fe6.9702	1.16435
Fe3.12347	Fe5.13058	1.16428
Fe5.9517	Fe7.11467	1.16423
Fe1.14303	Fe8.7944	1.16409
Fe2.9037	Fe3.14550	1.16402
Ft7.2725	Ft8.3417	0.567533
Ft4.450	Ft6.342	0.567425
Ft6.2042	Ft7.3534	0.567323
Ft5.1728	Ft7.3176	0.566873
Ft3.2655	Ft7.1740	0.566807
Ft3.3473	Ft8.4533	0.566759
Ft5.2062	Ft7.3804	0.566744
Ft4.567	Ft6.376	0.566609
Ft2.460	Ft3.3704	0.566232
Ft7.4875	Ft8.3878	0.56614
Ft2.1517	Ft7.1193	0.565634
Ft5.1708	HiC.scaffold.5.24	0.565578
Ft2.1348	Ft3.3351	0.565075
Ft7.1591	Ft8.3996	0.564984
Ft2.429	Ft4.3884	0.564581
Ft3.1838	Ft8.1722	0.564109
Ft5.1518	Ft8.4535	0.564043
Ft2.596	Ft8.1581	0.563966
Ft4.17	Ft8.1385	0.563861
Ft2.4633	Ft3.1380	0.563554
Ft6.209	Ft7.616	0.562854
Ft2.4101	Ft2.6070	0.562839
Ft2.3042	Ft2.6618	0.561918
Ft8.1835	Ft8.4571	0.561844
Ft7.1623	Ft8.163	0.5618
Ft2.961	Ft7.4906	0.561781
Ft1.2230	Ft4.1956	0.561691
Ft3.1380	Ft3.3217	0.561484
Ft2.5201	Ft7.3094	0.561377
Ft3.1881	Ft4.1153	0.561111
Ft4.2142	Ft7.3118	0.561041
Ft7.2390	Ft8.1262	0.560953
Ft1.315	Ft6.3241	0.560306
Ft4.4918	Ft8.1983	0.560158
HiC_scaffold_5_2	iC_scaffold_5_34	0.560136
Ft2.1097	Ft5.698	0.559759
Ft7.5019	Ft8.1704	0.559254
Ft2.1843	Ft7.2948	0.559233
Ft1.2275	Ft5.514	0.558681
Ft1.614	Ft1.1736	0.558619
Ft7.1004	Ft8.136	0.557572
Ft1.2734	Ft4.1031	0.557566
Ft2.4508	Ft8.1533	0.557544
Ft3.3968	Ft8.4808	0.557474
Ft4.2036	Ft6.1488	0.557237
Ft3.2496	Ft6.2451	0.556926
Ft2.4644	Ft3.826	0.556291
Ft4.4884	Ft8.2032	0.556223
Ft2.2927	Ft7.1150	0.555933
Ft2.638	Ft3.2356	0.555652
Ft4.2231	Ft6.2649	0.555561
Ft3.1861	Ft7.4906	0.555371
Ft8.3996	Ft8.4166	0.555054
Ft2.4559	Ft4.5653	0.554991
Ft2.4016	Ft8.2035	0.554693

Fe2.12506	Hic.scaffold.9.78	1.16393	Ft2.2618	Ft3.989	0.554687
Fe4.10018	Fe7.1060	1.16334	Ft2.449	Ft7.1068	0.554637
Fe1.10146	Fe7.6342	1.16315	Ft1.2495	Ft4.2531	0.554498
Fe3.13493	Fe7.612	1.1629	Ft2.4403	Ft2.4652	0.554484
Fe2.13169	Fe3.2390	1.16268	Ft1.315	Ft6.913	0.554132
Fe3.8677	Fe6.5364	1.16197	Ft1.2748	Ft4.1070	0.553957
Fe4.1915	Fe4.4041	1.16194	Ft2.4525	Ft7.4995	0.553365
Fe4.11977	Fe7.11405	1.16181	Ft3.1525	Ft8.2915	0.553135
Fe2.1347	Fe3.3004	1.1618	Ft7.2966	Ft8.2823	0.552819
Fe5.12166	Fe7.24	1.16178	Ft3.1835	Ft7.3118	0.552509
Fe2.9805	Fe6.10582	1.16134	Ft3.5336	Ft8.4614	0.552457
Fe6.690	Fe8.10603	1.16061	Ft4.219	Ft8.3765	0.551768
Fe6.3170	Fe6.11418	1.1603	Ft4.2633	Ft8.2403	0.551701
Fe6.741	Fe8.10654	1.16013	Ft3.1124	Ft6.434	0.551645
Fe4.1868	Fe4.11977	1.16001	Ft2.181	Ft4.4155	0.551344
Fe2.4856	Fe4.9281	1.15955	Ft4.1191	Ft7.2087	0.551283
Fe4.8406	Fe6.6339	1.15954	Ft4.3729	Ft7.2715	0.551058
Fe5.2104	Fe7.1082	1.15953	Ft2.20	Ft7.920	0.550762
Fe5.12738	Fe7.98	1.15937	Ft4.596	Ft6.438	0.550683
Fe1.9047	Fe8.732	1.15933	Ft2.2270	Ft2.2927	0.550576
Fe2.5043	Fe5.1215	1.15914	Ft2.4596	Ft7.4915	0.549751
Fe1.14545	Fe5.9875	1.15897	Ft6.2232	Ft7.1250	0.549702
Fe1.14542	Fe5.9772	1.15834	Ft4.4534	Ft7.3794	0.548725
Fe7.3148	Fe8.1511	1.1579	Ft2.1817	Ft3.1125	0.548512
Fe2.2252	Fe4.12412	1.15753	Ft7.3298	Ft8.1724	0.548361
Fe2.8187	Fe8.9707	1.15707	Ft8.3712	Ft8.5007	0.548349
Fe3.1325	Fe8.1612	1.15634	Ft5.1863	Ft7.5322	0.548246
Fe5.3750	Fe7.6018	1.15607	Ft2.3034	Ft8.1686	0.548209
Fe1.9047	Fe4.6967	1.15581	Ft2.6020	Ft3.191	0.548192
Fe2.3435	Fe8.9520	1.15566	Ft3.5490	Ft7.2891	0.548144
Fe5.1706	Fe5.12802	1.15556	Ft3.2529	Ft7.1879	0.548019
Fe1.7825	Fe1.10340	1.15538	Ft3.4233	Ft4.2155	0.54793
Fe6.10491	Fe8.6412	1.15537	Ft3.4147	Ft8.271	0.547907
Fe5.2086	Fe6.3103	1.15531	Ft2.2856	Ft7.2652	0.547457
Fe2.8876	Fe7.10015	1.15523	Ft2.4264	Ft8.5151	0.547386
Fe2.2301	Fe4.14531	1.15519	HiC_scaffold_5_1	iC_scaffold_5_33	0.5472
Fe3.6640	Fe4.5885	1.1548	Ft1.1957	Ft7.5100	0.547198
Fe6.3042	Fe6.5745	1.15465	Ft2.279	Ft8.174	0.547023
Fe3.1231	Fe8.2335	1.15435	Ft2.2754	Ft7.4697	0.546955
Fe1.2860	Fe1.13849	1.15428	Ft3.1898	Ft3.2019	0.546912
Fe1.3503	Fe3.5563	1.15418	Ft2.1761	Ft2.4317	0.546819
Fe2.13232	Fe4.2130	1.1539	Ft2.3430	Ft7.2073	0.546463
Fe6.3565	Fe7.8137	1.15375	Ft2.4525	Ft2.6408	0.546462
Fe1.2381	Fe7.7425	1.15372	Ft2.4328	Ft3.4990	0.546155
Fe4.6386	Fe7.668	1.15355	Ft2.3782	Ft5.1037	0.546045
Fe1.2917	Fe1.3212	1.15312	Ft4.3774	Ft7.428	0.545603
Fe2.8594	Fe7.12234	1.15309	Ft7.3027	Ft7.4915	0.545275
Fe8.8742	Fe8.9830	1.15292	Ft2.5910	Ft4.98	0.544809
Fe4.11239	Fe6.4435	1.15241	Ft4.2909	Ft6.1896	0.544606
Fe2.12753	Fe4.4838	1.15236	Ft2.20	Ft4.1311	0.544174
Fe1.853	Fe1.1237	1.15225	Ft3.1353	Ft7.4753	0.54386
Fe3.12078	Fe5.4793	1.15223	Ft3.3404	Ft8.1662	0.543805
Fe4.3890	Fe5.13035	1.15223	Ft3.4121	Ft4.2282	0.543599
Fe2.7003	Fe8.10868	1.15218	Ft2.2713	Ft2.6228	0.543467
Fe2.7790	Fe4.6159	1.15198	Ft2.3563	Ft2.5481	0.543332

Fe2.157	Fe6.37	1.15197
Fe1.2597	Fe8.732	1.15186
Fe2.9181	Fe8.11164	1.15175
Fe4.2615	Fe8.11183	1.15127
Fe5.10977	Fe7.3633	1.15123
Fe2.1321	Fe4.469	1.15091
Fe8.5702	Fe8.9315	1.1509
Fe3.6366	Fe3.13154	1.15054
Fe8.10881	Hic.scaffold.9.784	1.15053
Fe6.10376	Fe8.6663	1.15051
Fe1.7337	Fe8.1703	1.15048
Fe2.12803	Fe4.5499	1.15048
Fe1.9214	Fe2.3640	1.14987
Fe2.13806	Fe2.14184	1.14958
Fe1.10460	Fe3.9125	1.1494
Fe6.839	Fe8.10029	1.14932
Fe1.454	Fe4.2097	1.14924
Fe3.5763	Fe4.5885	1.14919
Fe1.7939	Fe7.11369	1.14899
Fe1.7347	Fe7.3237	1.14883
Fe2.9535	Fe6.10603	1.14865
Fe3.4339	Fe6.5833	1.14854
Fe2.2164	Fe4.12389	1.14843
Fe2.3836	Fe6.7446	1.14839
Fe4.8406	Fe7.11598	1.14838
Fe2.14157	Fe5.9121	1.14823
Fe3.14471	Fe8.11527	1.14821
Fe5.8827	Fe7.3560	1.14817
Fe4.11777	Hic.scaffold.12.69	1.14816
Fe1.2238	Fe6.4206	1.14805
Fe4.11755	Fe7.8137	1.14797
Fe1.535	Fe1.1319	1.14794
Fe3.12419	Fe4.6272	1.14749
Fe1.7821	Fe7.11318	1.14729
Fe1.6011	Fe5.1105	1.14721
Fe4.14202	Fe8.436	1.14703
Fe4.7634	Fe6.9419	1.14665
Fe1.1969	Fe4.11780	1.14663
Fe4.14070	Fe6.471	1.14663
Fe2.12801	Fe8.9217	1.14661
Fe6.10560	Fe7.12145	1.14661
Fe4.13596	Fe8.12199	1.1465
Fe4.2854	Fe6.5048	1.14601
Fe2.12895	Fe5.10322	1.146
Fe3.6199	Fe6.7777	1.14594
Fe4.5133	Fe8.732	1.14561
Fe5.7454	Fe6.9702	1.14552
Fe2.2779	Fe8.9623	1.14533
Fe1.1981	Fe6.4675	1.14513
Fe2.466	Fe4.1832	1.14483
Fe5.12292	Fe7.1956	1.14464
Fe1.9460	Fe4.8406	1.14373
Fe4.2097	Fe8.10810	1.1431
Fe3.668	Fe8.2090	1.14265
Fe1.3335	Fe4.6656	1.14252
Ft4.4778	HiC.scaffold.5.206	0.543254
Ft4.2157	Ft6.1488	0.542927
Ft4.2135	Ft7.4906	0.54219
Ft6.1488	Ft7.4697	0.542179
HiC_scaffold_5_1	iC_scaffold_5_38	0.542146
Ft3.1115	Ft8.2768	0.541656
Ft4.1359	Ft4.3962	0.540966
Ft2.4554	Ft4.5664	0.540962
Ft5.1834	Ft7.5298	0.540623
Ft2.1904	Ft7.2640	0.540551
Ft6.30	Ft7.459	0.540466
Ft4.3939	Ft8.136	0.540444
Ft3.2555	Ft6.2477	0.539934
Ft3.5050	Ft8.1416	0.539125
Ft2.5220	Ft8.1930	0.538918
Ft3.3605	Ft8.1432	0.538747
Ft3.3243	Ft3.3477	0.538486
Ft3.2527	Ft7.523	0.538017
Ft3.1881	Ft3.5510	0.537775
Ft3.2963	Ft4.4319	0.537766
Ft3.1398	Ft4.1731	0.537616
Ft2.3832	Ft2.5694	0.537578
Ft5.1692	Ft7.3119	0.537505
Ft2.991	Ft3.385	0.536705
Ft2.4618	Ft7.3094	0.536182
Ft3.5490	Ft7.4651	0.535918
Ft4.4790	HiC.scaffold.5.341	0.535896
Ft2.5185	Ft4.5147	0.535718
Ft2.5841	Ft4.5523	0.535531
Ft5.622	Ft7.3843	0.534744
Ft2.4130	Ft8.5158	0.534693
Ft3.1353	Ft3.2881	0.534577
Ft8.225	Ft8.3577	0.534525
Ft7.3993	Ft8.3281	0.534447
Ft3.1282	Ft7.419	0.534061
Ft2.4633	Ft2.6594	0.534051
Ft3.4147	Ft4.409	0.534003
Ft1.2020	Ft4.1694	0.533728
Ft2.3772	Ft2.5375	0.533714
Ft3.2973	Ft7.1068	0.53343
Ft5.1723	Ft7.3150	0.533347
Ft3.4006	Ft8.4816	0.533309
Ft2.5201	Ft3.4154	0.533307
HiC_scaffold_5_6	iC_scaffold_5_28	0.533034
Ft7.5068	Ft8.3712	0.533017
Ft1.2387	Ft6.1939	0.532366
Ft4.2155	Ft6.2506	0.532242
Ft7.1096	Ft8.1662	0.531809
Ft7.5068	Ft8.3878	0.531802
Ft1.1693	Ft4.1224	0.531738
Ft1.274	Ft5.2370	0.531396
Ft2.2378	Ft4.1805	0.530562
Ft6.2506	Ft8.1393	0.530374
Ft3.5745	Ft5.1507	0.530349
Ft2.5951	Ft7.5068	0.530274

Fe4.11631	Fe7.11267	1.14247
Fe3.494	Fe8.7465	1.14246
Fe2.1423	Fe7.7135	1.14229
Fe1.10692	Fe5.13144	1.14228
Fe5.8912	Fe5.13035	1.14192
Fe1.13797	Fe2.5164	1.14191
Fe6.10247	Hic.scaffold.10.197	1.14131
Fe1.5455	Fe7.6936	1.14124
Fe4.831	Fe4.3760	1.14108
Fe5.11117	Fe8.11237	1.141
Fe1.9400	Fe4.12202	1.14063
Fe6.685	Fe8.10580	1.14055
Fe4.12265	Fe6.1972	1.14047
Fe4.2097	Fe7.11405	1.14031
Fe3.3676	Fe7.4947	1.14019
Fe4.11557	Fe5.2418	1.14019
Fe5.6198	Fe6.9494	1.13973
Fe4.3027	Fe8.12046	1.13963
Fe3.9122	Fe5.8003	1.13889
Fe4.1492	Fe4.3873	1.13865
Fe1.1174	Fe6.3366	1.13838
Fe8.8538	Fe8.12024	1.13788
Fe2.9145	Fe5.9465	1.13778
Fe3.13418	Fe5.4088	1.13756
Fe5.3642	Fe7.6816	1.13737
Fe3.8922	Fe6.8334	1.13713
Fe3.5714	Fe5.2418	1.13707
Fe5.14396	Fe7.13286	1.137
Fe1.2700	Fe1.9978	1.13696
Fe1.2640	Fe1.13940	1.13694
Fe4.910	Fe4.14519	1.13656
Fe4.14552	Fe8.10210	1.13645
Fe2.2450	Fe8.1079	1.13634
Fe4.14521	Hic.scaffold.13.170	1.13592
Fe5.98	Fe6.648	1.13523
Fe4.11782	Fe6.3929	1.13498
Fe1.2500	Fe6.5572	1.13495
Fe2.12327	Fe7.1186	1.13492
Fe2.6737	Fe6.16	1.13478
Fe1.10485	Fe4.729	1.13471
Fe1.14476	Fe4.13777	1.13448
Fe4.9484	Fe7.12145	1.13423
Fe2.7896	Fe4.8339	1.13396
Fe5.9386	Fe7.6936	1.13361
Fe2.4406	Fe3.9974	1.13351
Fe3.9030	Fe7.11142	1.13297
Fe5.1589	Fe5.12802	1.13278
Fe1.12185	Fe4.9602	1.13271
Fe3.6667	Fe7.9911	1.13266
Fe2.13777	Fe4.2548	1.13194
Fe2.13706	Fe8.11183	1.13187
Fe4.11762	Fe6.3984	1.13184
Fe2.3792	Fe4.2824	1.13154
Fe3.12764	Fe4.8228	1.13113
Fe1.5470	Fe4.6048	1.13075
Ft8.225	Ft8.5118	0.530118
Ft4.2921	Ft7.2935	0.52971
Ft1.1256	Ft8.506	0.529368
Ft3.4236	Ft8.62	0.529358
Ft4.369	Ft8.3577	0.529314
Ft4.726	Ft7.4741	0.529294
Ft2.1843	Ft8.4166	0.529229
Ft2.2323	Ft3.281	0.529113
Ft2.6228	Ft8.195	0.529012
Ft3.694	Ft7.4915	0.528846
Ft2.3238	Ft2.5338	0.52884
Ft3.5333	Ft7.760	0.528773
Ft3.2125	Ft8.406	0.528683
Ft2.411	Ft3.2973	0.528215
Ft3.293	Ft5.2132	0.528062
Ft2.411	Ft4.3394	0.528008
Ft4.157	Ft4.726	0.527902
Ft6.844	Ft7.3115	0.527118
Ft3.2821	Ft4.819	0.526494
Ft3.1881	Ft7.4765	0.526448
Ft2.2583	Ft8.1344	0.526307
Ft3.3512	Ft7.3298	0.526306
Ft2.922	Ft7.1250	0.526197
Ft2.5214	Ft7.2540	0.526155
Ft4.931	Ft8.1581	0.526095
Ft2.3058	Ft8.3417	0.526027
Ft2.1009	Ft3.4583	0.526001
Ft3.2111	Ft7.3754	0.525913
Ft2.393	Ft4.3881	0.525869
Ft2.3235	Ft7.1020	0.525537
Ft3.3547	Ft7.3321	0.525367
Ft5.1706	HiC.scaffold.5.347	0.525178
Ft3.3758	Ft4.2727	0.525133
Ft2.5910	Ft4.1003	0.524992
Ft1.893	Ft6.1550	0.524968
Ft2.840	Ft7.1052	0.524838
Ft7.1068	Ft7.1269	0.524771
Ft2.1048	Ft7.2924	0.52452
Ft2.2324	Ft8.4000	0.524253
Ft3.989	Ft4.104	0.524247
Ft3.5041	Ft7.3122	0.52406
Ft1.2387	Ft2.5385	0.523666
Ft2.4644	Ft4.814	0.523631
Ft6.1187	Ft7.2715	0.523167
Ft2.1039	Ft4.6242	0.523064
Ft3.4121	Ft8.163	0.522762
Ft2.5152	Ft4.5186	0.522687
Ft2.2359	Ft8.1284	0.522637
Ft2.5445	Ft8.1920	0.522534
Ft3.420	Ft4.5451	0.522517
Ft3.5284	Ft6.3205	0.52227
Ft2.2754	Ft7.393	0.52182
Ft4.113	Ft6.2345	0.521685
Ft4.4802	HiC.scaffold.5.233	0.521527
Ft2.2898	Ft4.3028	0.52105

Fe2.14288	Fe8.12047	1.13072	Ft2.5247	Ft8.5032	0.520785
Fe4.544	Fe6.1692	1.13062	Ft7.253	Ft8.3940	0.520346
Fe1.13852	Fe6.4694	1.13061	Ft2.2927	Ft4.2972	0.519442
Fe2.468	Fe5.11041	1.1306	Ft3.913	Ft4.726	0.519379
Fe1.14078	Fe6.2340	1.13059	Ft7.393	Ft7.1269	0.519272
Fe6.11044	Fe7.1102	1.12999	Ft2.449	Ft2.3037	0.518789
Fe3.5242	Fe6.10284	1.12941	Ft2.1799	Ft3.4664	0.518544
Fe3.469	Fe8.7414	1.12933	Ft2.2713	Ft4.819	0.518359
Fe5.3257	Fe8.9147	1.12924	Ft2.1843	Ft7.1623	0.518293
Fe1.14431	Fe4.13725	1.12918	Ft6.1044	Ft8.5007	0.517898
Fe1.13853	Fe6.4665	1.12885	Ft3.1986	Ft4.4320	0.517577
Fe3.11877	Fe5.1831	1.12869	Ft2.4127	Ft2.6057	0.517553
Fe3.14359	Fe4.2975	1.12869	Ft3.699	Ft8.2813	0.516809
Fe1.10155	Fe4.12380	1.12844	Ft2.5253	Ft7.3013	0.516778
Fe2.4790	Fe3.7369	1.12814	Ft2.411	Ft6.2083	0.516711
Fe2.12753	Fe5.3489	1.12795	Ft1.1675	Ft5.339	0.516613
Fe2.1521	Fe6.11750	1.12791	Ft7.2956	Ft7.3943	0.51648
Fe2.63	Fe4.2908	1.1276	Ft3.4077	Ft7.1730	0.516233
Fe6.742	Fe8.10651	1.12673	Ft2.695	Ft4.3468	0.51617
Fe7.1614	Fe8.5461	1.12672	Ft3.3746	Ft4.2617	0.516092
Fe6.10407	Fe8.7348	1.12652	Ft4.2081	Ft6.1366	0.516082
Fe1.7128	Fe4.8299	1.12645	Ft2.5637	Ft2.6382	0.515976
Fe3.271	Fe8.11988	1.12645	Ft2.2808	Ft8.5118	0.515962
Fe2.4790	Fe3.6199	1.12642	HiC_scaffold_5_2	iC_scaffold_5_35	0.515852
Fe5.14148	Fe6.2780	1.12636	Ft1.718	Ft6.1233	0.515718
Fe2.3415	Fe3.6346	1.12635	Ft5.1511	Ft8.4550	0.515504
Fe1.560	Fe2.13964	1.12631	Ft4.4790	HiC.scaffold.5.138	0.515372
Fe2.11381	Fe2.11946	1.12629	HiC_scaffold_5_1	iC_scaffold_5_20	0.515167
Fe5.12586	Fe7.2175	1.12619	Ft4.98	Ft7.1052	0.514919
Fe4.5908	Fe5.6028	1.12594	Ft4.458	Ft6.355	0.51478
Fe2.10892	Fe2.13421	1.1259	Ft5.1706	HiC.scaffold.5.25	0.514715
Fe4.11657	Fe6.4080	1.12541	Ft7.3754	Ft8.2612	0.514633
Fe2.8187	Fe7.12316	1.1251	Ft2.5910	Ft3.2441	0.514493
Fe2.10349	Fe3.13593	1.12462	Ft7.2094	Ft7.2920	0.514259
Fe1.5763	Fe1.7569	1.12428	Ft2.3344	Ft2.5522	0.514117
Fe4.12873	Fe5.1106	1.12422	Ft2.5194	Ft4.98	0.51409
Fe2.7755	Fe7.1425	1.12388	Ft2.3141	Ft8.2129	0.514063
Fe2.10402	Fe5.9240	1.12377	Ft3.694	Ft3.1676	0.513824
Fe5.14457	Fe6.147	1.12373	Ft4.2249	Ft8.1344	0.513733
Fe2.8921	Fe5.9747	1.12362	Ft6.974	Ft7.2654	0.513658
Fe3.5823	Fe4.5595	1.12348	Ft3.1905	Ft8.1287	0.513455
Fe1.5240	Fe7.1767	1.12317	Ft3.2973	Ft7.1938	0.513378
Fe3.5004	Fe7.5678	1.12311	Ft2.3058	Ft3.3840	0.513348
Fe2.6858	Fe8.10839	1.12305	Ft3.4387	Ft7.1649	0.513324
Fe1.5938	Fe4.1631	1.12285	Ft7.2182	Ft8.1548	0.512832
Fe2.9516	Hic.scaffold.9.53	1.12278	Ft4.5568	Ft8.3594	0.512787
Fe2.11019	Fe2.13479	1.12276	Ft3.557	Ft8.1287	0.512553
Fe3.155	Fe4.14208	1.12273	Ft2.199	Ft3.5490	0.512427
Fe2.10301	Fe7.9640	1.12249	Ft2.2561	Ft4.726	0.512399
Fe3.6289	Fe4.11361	1.12242	HiC_scaffold_5_1	iC_scaffold_5_15	0.5123
Fe2.8594	Fe3.4221	1.12235	Ft2.2984	Ft8.1724	0.512028
Fe5.10756	Fe7.374	1.1222	Ft2.2477	Ft3.4033	0.511924
Fe4.7985	Fe4.11498	1.12212	Ft4.5451	Ft6.141	0.511584
Fe4.12776	Fe8.1703	1.12204	Ft2.2561	Ft7.5068	0.511036
Fe3.658	Fe6.376	1.12186	Ft4.1731	Ft7.476	0.511015

Fe6.3533	Fe7.11853	1.12163
Fe5.8322	Fe7.10707	1.12162
Fe4.394	Fe4.13249	1.12142
Fe1.3748	Fe6.10139	1.12135
Fe6.9598	Fe7.815	1.12135
Fe4.11782	Fe6.3891	1.1213
Fe2.8888	Fe5.9831	1.1209
Fe4.5133	Fe7.3277	1.12074
Fe5.12914	Fe7.3619	1.12051
Fe4.9906	Fe7.3724	1.1204
Fe2.13051	Fe4.2280	1.12016
Fe2.6048	Fe4.6338	1.12011
Fe3.6366	Fe6.9086	1.1199
Fe1.6239	Fe7.6393	1.11959
Fe6.5583	Fe8.5702	1.11952
Fe1.4351	Fe8.4007	1.11916
Fe5.10721	Fe7.379	1.11914
Fe2.11705	Fe5.14137	1.11902
Fe1.12238	Fe2.1175	1.11894
Fe4.9448	Fe7.5826	1.11879
Fe3.9375	Fe7.3682	1.11856
Fe5.3356	Fe6.7777	1.1183
Fe3.5714	Fe6.4772	1.11819
Fe2.10472	Fe5.8620	1.11809
Fe1.3771	Fe7.9796	1.11781
Fe1.821	Fe6.2977	1.11775
Fe2.10603	Fe2.13059	1.11759
Fe6.5323	Fe7.8361	1.11758
Fe6.9419	Fe8.5110	1.11745
Fe7.11335	Fe8.732	1.11722
Fe2.13080	Fe3.13750	1.11719
Fe3.8743	Fe8.2639	1.11719
Fe4.12063	Fe8.9043	1.11716
Fe4.5755	Fe5.7819	1.11711
Fe4.756	Fe4.12719	1.11709
Fe8.5464	Fe8.9209	1.11708
Fe1.4755	Fe5.9102	1.11688
Fe3.14368	Fe5.9317	1.1168
Fe7.9790	Fe8.1616	1.11668
Fe4.6338	Fe6.9985	1.11667
Fe7.12894	Fe8.3060	1.11635
Fe3.12016	Fe5.7454	1.11621
Fe5.3328	Fe6.5059	1.11603
Fe3.7618	Fe5.8013	1.11559
Fe1.2783	Fe6.4625	1.11547
Fe2.33	Fe8.10975	1.1154
Fe3.12458	Hic.scaffold.13.30	1.11505
Fe3.12078	Fe4.714	1.11499
Fe1.8571	Fe8.5307	1.11498
Fe2.5038	Fe6.9425	1.11494
Fe3.1717	Fe6.9364	1.11421
Fe4.13569	Fe6.784	1.11413
Fe3.5608	Fe3.12347	1.11385
Fe2.7267	Fe3.12336	1.11378
Fe3.14209	Fe5.9120	1.11365

Ft2.3278	Ft8.2390	0.510641
Ft3.281	Ft7.5068	0.510365
Ft2.1817	Ft7.3927	0.509889
Ft3.3789	Ft7.1173	0.50967
Ft2.1843	Ft2.5910	0.509496
Ft2.5910	Ft3.1380	0.509294
Ft3.4189	Ft3.4541	0.509086
Ft1.379	Ft6.972	0.509003
Ft3.1723	Ft8.2594	0.508877
Ft2.5740	Ft7.2474	0.508616
Ft3.590	Ft3.5569	0.50859
Ft2.1333	Ft6.690	0.507512
Ft3.1838	Ft3.2881	0.507444
Ft2.2141	Ft2.2233	0.507389
Ft4.819	Ft8.5007	0.50689
Ft2.3013	Ft2.6598	0.506262
HiC_scaffold_5_HiC_scaffold_5_34		0.506204
Ft2.4726	Ft4.4370	0.5056
Ft4.555	Ft6.380	0.505519
Ft2.5910	Ft3.281	0.50524
Ft2.904	Ft3.1986	0.505031
Ft2.3104	Ft8.2117	0.504492
Ft2.449	Ft8.3478	0.504363
Ft1.1002	Ft5.2616	0.503735
Ft3.1495	Ft4.2200	0.503553
Ft4.726	Ft7.3115	0.503523
Ft2.205	Ft8.1260	0.503405
Ft2.449	Ft3.1881	0.50333
Ft4.3059	Ft7.1835	0.503172
Ft5.51	Ft6.270	0.503083
Ft7.2640	Ft8.3013	0.503047
Ft3.826	Ft8.4852	0.502939
HiC_scaffold_5_HiC_scaffold_5_29		0.502885
Ft3.1907	Ft8.2613	0.502882
Ft2.4681	Ft3.1768	0.50284
Ft3.1835	Ft4.1917	0.502713
Ft2.1843	Ft4.2135	0.502694
Ft1.646	Ft6.1174	0.502256
Ft2.3037	Ft7.5177	0.502217
Ft2.3095	Ft6.3114	0.502216
Ft2.3037	Ft7.4906	0.501601
Ft2.5910	Ft6.652	0.501128
Ft7.1623	Ft7.4906	0.500282
Ft2.28	Ft4.3962	0.499968
Ft6.1513	Ft8.1609	0.499498
HiC_scaffold_5_HiC_scaffold_5_27		0.499085
HiC_scaffold_5_2HiC_scaffold_5_35		0.499085
HiC_scaffold_5_HiC_scaffold_5_34		0.498859
Ft2.2169	Ft8.1432	0.498419
Ft2.5991	Ft3.1413	0.498298
Ft3.4560	Ft7.2443	0.498226
Ft2.2502	Ft8.3478	0.498126
Ft2.5253	Ft8.1787	0.498066
Ft2.449	Ft2.4317	0.497906
Ft2.6594	Ft7.1016	0.497882

Fe3.4856	Fe8.2555	1.11359	Ft3.3575	Ft4.2712	0.497879
Fe2.8663	Fe3.1849	1.11312	Ft5.862	Ft5.1092	0.497872
Fe2.8610	Fe2.11655	1.1131	Ft3.2828	Ft6.844	0.497682
Fe2.4647	Fe6.5193	1.11283	Ft3.3539	Ft7.4744	0.497555
Fe1.720	Fe6.2689	1.11263	Ft2.904	Ft2.4618	0.496948
Fe3.4422	Fe4.8742	1.11256	Ft3.2056	Ft8.3940	0.496753
Fe1.12376	Fe1.12636	1.11249	HiC_scaffold_5_	iC_scaffold_5_38	0.496684
Fe2.13751	Fe3.14385	1.11195	Ft3.3592	Ft8.1466	0.496418
Fe2.11208	Fe3.14307	1.11175	Ft2.6125	Ft3.557	0.496233
Fe4.9602	Fe5.9102	1.1117	Ft2.5811	Ft4.3813	0.495872
Fe3.10524	Fe8.6887	1.11166	Ft2.3037	Ft3.4077	0.495708
Fe1.10014	Fe8.2306	1.11163	Ft5.1706	HiC.scaffold.5.169	0.495319
Fe3.6522	Fe5.7386	1.11158	Ft3.1986	Ft7.1599	0.495261
Fe1.12063	Fe6.5193	1.11156	Ft2.4618	Ft8.1529	0.495217
Fe3.12124	Fe5.1991	1.11141	Ft4.2145	Ft6.2656	0.494353
Fe1.12283	Fe4.13428	1.11131	Ft4.4327	Ft6.1252	0.494267
Fe4.5755	Fe6.6668	1.11127	Ft2.4661	Ft2.6611	0.494229
Fe2.7457	Fe3.12192	1.11117	Ft7.475	Ft7.3754	0.494205
Fe3.1067	Fe8.10029	1.11099	Ft2.205	Ft7.1591	0.493922
Fe1.10868	Fe2.4141	1.11095	Ft3.2654	Ft5.1011	0.493791
Fe3.1111	Fe6.11753	1.11076	Ft2.1883	Ft2.5740	0.493779
Fe2.11209	Fe3.14335	1.11075	Ft4.2904	Ft6.1901	0.493766
Fe3.4328	Fe6.5822	1.11073	Ft3.853	Ft4.667	0.493759
Fe3.8303	Fe8.11909	1.11066	Ft4.358	Ft8.3281	0.493666
Fe2.2361	Fe3.10426	1.11063	Ft1.2387	Ft6.1488	0.493642
Fe2.9228	Fe2.12682	1.11002	Ft7.2802	Ft7.3993	0.493555
Fe4.3037	Fe7.833	1.10959	Ft7.2987	Ft8.750	0.493046
Fe3.6334	Fe4.8882	1.10952	Ft2.411	Ft4.4320	0.492778
Fe1.2421	Fe3.4856	1.10939	Ft1.1778	Ft4.1331	0.492754
Fe2.2768	Fe3.3193	1.10928	Ft2.2497	Ft8.4335	0.492523
Fe5.4436	Fe7.6936	1.10928	Ft3.1353	Ft4.4846	0.49195
Fe1.11396	Fe8.732	1.10919	Ft3.4073	Ft8.466	0.491592
Fe4.9646	Fe7.3532	1.10916	Ft3.1861	Ft3.3236	0.49155
Fe1.4597	Fe3.6522	1.10861	Ft2.6514	Ft8.3670	0.49142
Fe3.2729	Fe8.10506	1.10847	Ft2.4661	Ft4.814	0.491301
Fe7.1009	Fe8.10352	1.10821	Ft3.4867	Ft4.4142	0.491285
Fe2.8850	Fe7.6703	1.10802	Ft2.32	Ft3.1282	0.491217
Fe5.2360	Fe5.6198	1.10781	Ft2.904	Ft2.2879	0.491061
Fe4.9594	Fe7.9788	1.10777	Ft3.1520	Ft4.1919	0.490248
Fe5.10850	Fe7.6703	1.10744	HiC_scaffold_5_	iC_scaffold_5_33	0.490228
Fe3.6366	Fe6.6340	1.10715	Ft2.1883	Ft3.666	0.490013
Fe1.2342	Fe3.8743	1.10678	Ft1.169	Ft6.65	0.489824
Fe3.4362	Fe6.7616	1.10677	Ft3.1413	Ft4.80	0.489595
Fe4.2631	Fe8.11202	1.10624	Ft2.1762	Ft6.744	0.489124
Fe2.2577	Fe4.3167	1.10621	HiC_scaffold_5_1	iC_scaffold_5_36	0.488538
Fe1.11231	Fe5.1158	1.10568	Ft3.3495	Ft7.1623	0.487772
Fe3.4693	Fe7.9790	1.10562	Ft3.423	Ft3.1216	0.4876
Fe3.7455	Fe4.8609	1.10551	Ft3.5606	Ft4.5753	0.487236
Fe3.9856	Fe6.9086	1.10526	Ft4.726	Ft7.2474	0.48707
Fe4.1535	Fe8.10682	1.10523	Ft2.15	Ft4.3958	0.48688
Fe1.10184	Fe4.7855	1.10521	Ft2.1032	Ft3.3144	0.486662
Fe4.756	Fe4.12710	1.10516	Ft4.3548	Ft4.3782	0.486373
Fe4.14327	Fe6.615	1.10505	HiC_scaffold_5_	iC_scaffold_5_34	0.485073
Fe1.1862	Fe4.11899	1.10451	Ft2.5849	Ft4.4340	0.484817
Fe6.9395	Fe8.1667	1.10413	Ft4.5562	Ft8.3609	0.484462

Fe2.13792	Fe3.6025	1.10341
Fe3.8441	Fe7.2760	1.10334
Fe2.9190	Fe4.2027	1.10326
Fe3.1109	Fe6.11758	1.10316
Fe4.11942	Fe6.3718	1.10309
Fe1.4989	Fe6.11638	1.10277
Fe1.12003	Fe5.12694	1.10254
Fe1.11436	Fe4.459	1.10243
Fe1.2059	Fe1.14127	1.10234
Fe3.4590	Fe7.6198	1.10228
Fe5.8621	Fe7.9796	1.10197
Fe2.1225	Fe3.3759	1.10147
Fe2.11436	Fe8.4211	1.10125
Fe3.5253	Fe7.3271	1.10121
Fe2.2633	Fe4.750	1.10114
Fe3.8743	Fe5.6790	1.10105
Fe1.2182	Fe6.4197	1.10056
Fe5.1163	Fe5.2878	1.10048
Fe6.5135	Fe7.9820	1.10017
Fe3.4422	Fe8.1754	1.0998
Fe5.6169	Fe8.4104	1.09973
Fe1.13181	Fe2.10973	1.0995
Fe3.139	Fe8.478	1.09936
Fe4.5885	Fe5.7337	1.09882
Fe3.222	Fe4.14110	1.09872
Fe3.5975	Fe5.10850	1.09843
Fe2.11249	Fe2.13770	1.09837
Fe3.2129	Fe5.4203	1.09833
Fe2.2583	Fe8.2864	1.09824
Fe2.11014	Fe7.1488	1.09809
Fe2.2670	Fe4.8568	1.09809
Fe4.2828	Fe6.10421	1.09807
Fe3.6366	Fe5.8230	1.09801
Fe2.11209	Fe3.14294	1.09789
Fe3.4625	Fe8.3455	1.09785
Fe5.9317	Fe8.3180	1.0978
Fe2.8991	Fe5.9654	1.0976
Fe3.5714	Fe6.9837	1.09739
Fe5.9517	Fe6.4442	1.09721
Fe2.14295	Fe8.10433	1.0971
Fe6.3103	Fe7.11687	1.09709
Fe5.3123	Fe8.8985	1.09672
Fe3.8580	Fe8.7348	1.09668
Fe2.564	Fe5.12502	1.09659
Fe5.11485	Fe7.214	1.09647
Fe1.4474	Fe7.3277	1.09622
Fe2.3667	Fe3.12327	1.09608
Fe1.14596	Fe4.14405	1.09595
Fe3.3093	Fe5.3553	1.09583
Fe2.2633	Fe5.3759	1.09532
Fe3.6095	Fe5.1824	1.09532
Fe2.10221	Fe6.9404	1.09469
Fe1.769	Fe6.2778	1.09463
Fe4.11441	Fe6.4234	1.09448
Fe2.3454	Fe4.3717	1.0943
Ft2.2334	Ft7.842	0.484379
Ft5.1719	HiC.scaffold.5.389	0.484356
Ft2.4222	Ft8.4571	0.484312
Ft2.4661	Ft3.4076	0.484173
Ft2.809	Ft3.1540	0.483608
Ft3.5071	Ft3.5383	0.48356
Ft4.667	Ft7.5134	0.483526
Ft3.526	Ft8.2632	0.483398
HiC_scaffold_5_1	HiC_scaffold_5_33	0.483038
Ft2.230	Ft8.4482	0.482895
Ft4.147	Ft6.2370	0.482268
Ft3.3404	Ft4.2705	0.481837
Ft2.1832	Ft2.3235	0.481228
HiC_scaffold_5_1	HiC_scaffold_5_35	0.481111
Ft7.1835	Ft8.693	0.48068
Ft2.1817	Ft4.4282	0.480441
Ft2.2359	Ft3.290	0.480417
Ft4.4320	Ft8.1227	0.480387
Ft2.4525	Ft4.667	0.480367
Ft2.596	Ft7.729	0.480209
Ft3.1932	Ft4.3530	0.4797
Ft2.199	Ft8.4534	0.479412
Ft2.833	Ft2.2294	0.479365
HiC_scaffold_5_1	HiC_scaffold_5_38	0.4791
Ft4.3548	Ft8.225	0.478369
HiC_scaffold_5_3	HiC_scaffold_5_39	0.478254
Ft4.786	Ft7.4741	0.478088
Ft3.1282	Ft7.3094	0.477975
Ft4.3881	Ft6.438	0.477598
Ft2.449	Ft7.3943	0.477406
Ft3.989	Ft7.5068	0.477029
Ft7.4896	Ft8.3898	0.476958
Ft4.1873	Ft7.419	0.476782
Ft2.6455	Ft4.1917	0.476532
Ft2.833	Ft7.1068	0.476425
Ft3.768	Ft7.4915	0.476076
Ft2.459	Ft6.2835	0.475729
Ft8.193	Ft8.5002	0.475548
Ft2.2323	Ft8.1260	0.475403
Ft2.6476	Ft4.5565	0.474815
Ft3.2035	Ft7.4875	0.474465
HiC_scaffold_5_2	HiC_scaffold_5_38	0.474414
Ft2.671	Ft4.1311	0.474
Ft2.662	Ft7.1068	0.473688
Ft1.2715	Ft4.1010	0.473423
Ft4.4806	HiC.scaffold.5.231	0.473238
HiC_scaffold_5_2	HiC_scaffold_5_36	0.47262
Ft3.2441	Ft3.2828	0.472431
Ft3.1838	Ft7.3115	0.471964
Ft1.998	Ft5.2619	0.471884
Ft4.753	Ft6.2630	0.471699
HiC_scaffold_5_1	HiC_scaffold_5_24	0.471527
Ft3.420	Ft8.3577	0.471443
Ft2.5131	Ft4.5206	0.471354
Ft3.1861	Ft4.6147	0.47121

Fe2.11097	Fe5.9906	1.09412
Fe3.1223	Fe8.2296	1.09409
Fe2.157	Fe2.6169	1.09372
Fe3.4987	Fe4.3015	1.09355
Fe1.9444	Fe7.6108	1.09353
Fe3.2383	Fe5.12225	1.09341
Fe4.9584	Fe7.3542	1.09336
Fe4.1868	Fe7.12691	1.09332
Fe7.174	Fe8.8361	1.09298
Fe3.2735	Fe8.1555	1.09275
Fe2.8876	Fe5.4066	1.09273
Fe7.11455	Fe8.951	1.09266
Fe2.9993	Fe3.13143	1.09265
Fe4.225	Fe7.12137	1.09264
Fe3.120	Fe8.506	1.09262
Fe1.4157	Fe2.4922	1.09259
Fe3.8843	Fe5.13354	1.09254
Fe1.3058	Fe1.3503	1.09244
Fe6.1481	Fe7.12905	1.09243
Fe2.3124	Fe7.4176	1.092
Fe2.10267	Fe5.8621	1.09191
Fe3.13514	Fe5.8746	1.09157
Fe2.2355	Fe7.3651	1.0915
Fe1.412	Fe6.2555	1.09113
Fe2.8594	Fe6.5135	1.0911
Fe4.8719	Fe7.3963	1.09086
Fe3.9518	Fe3.13938	1.09057
Fe4.13969	Fe6.3434	1.09051
Fe1.10153	Fe2.2670	1.0903
Fe2.12858	Fe4.5992	1.09016
Fe2.3243	Fe7.12279	1.08985
Fe7.6018	Fe7.10000	1.08957
Fe1.405	Fe2.12979	1.08947
Fe3.5253	Fe8.6614	1.08947
Fe4.12300	Fe8.4415	1.08921
Fe3.1210	Fe8.2136	1.0892
Fe5.8121	Fe6.4639	1.08884
Fe1.13861	Fe6.4657	1.08876
Fe4.1264	Fe8.9551	1.08874
Fe5.12256	Fe7.1900	1.08864
Fe1.9460	Fe7.11598	1.08858
Fe6.784	Fe7.6377	1.08822
Fe1.2342	Fe3.4793	1.08817
Fe6.9425	Fe8.1754	1.0881
Fe1.13181	Fe2.146	1.08764
Fe5.8483	Fe7.7135	1.08728
Fe2.13833	Fe3.1031	1.08722
Fe1.12850	Fe4.13677	1.08702
Fe7.7405	Fe8.2429	1.08668
Fe2.10229	Fe2.13313	1.08649
Fe3.7989	Fe3.9063	1.08643
Fe2.10403	Fe3.13575	1.08629
Fe4.3739	Fe8.3298	1.08584
Fe4.1808	Fe4.5133	1.08568
Fe3.10745	Fe5.2943	1.08519

Ft2.2391	Ft7.1648	0.471172
Ft4.186	Ft4.444	0.4711
Ft2.1865	Ft2.3037	0.471021
Ft2.6440	Ft4.157	0.470941
Ft3.1282	Ft8.3478	0.470482
Ft1.1455	Ft3.2360	0.47025
Ft4.2923	Ft7.4183	0.469898
Ft2.5391	Ft2.5789	0.469694
HiC_scaffold_5_1	iC_scaffold_5_32	0.469527
Ft2.904	Ft4.5451	0.469427
Ft1.1957	Ft3.4864	0.46849
Ft3.1008	Ft8.3795	0.468417
Ft2.2560	Ft7.3226	0.468375
Ft4.1771	Ft4.2157	0.468211
Ft2.4596	Ft3.916	0.468122
Ft3.5447	Ft8.1393	0.468015
HiC_scaffold_5_1	iC_scaffold_5_33	0.467715
Ft2.4131	Ft4.104	0.467059
Ft7.3094	Ft8.746	0.466957
Ft2.2898	Ft4.6082	0.466315
Ft7.2956	Ft7.3298	0.46623
Ft2.5951	Ft3.1986	0.466065
Ft2.1817	Ft2.3120	0.465961
Ft2.3385	Ft7.604	0.46516
Ft2.5214	Ft4.5472	0.464999
Ft7.3013	Ft7.4976	0.464975
Ft2.4317	Ft3.666	0.464888
Ft3.5015	Ft7.1243	0.46443
Ft3.913	Ft3.1986	0.464165
Ft4.1185	Ft7.2086	0.463983
Ft3.3592	Ft7.4697	0.46392
Ft3.4076	Ft8.2888	0.463647
HiC_scaffold_5_1	iC_scaffold_5_38	0.463007
Ft4.2633	Ft8.444	0.462994
Ft1.2385	Ft8.3878	0.46294
Ft4.265	Ft6.270	0.462814
Ft4.726	Ft7.4906	0.462805
Ft4.444	Ft4.3395	0.462473
HiC_scaffold_5_2	iC_scaffold_5_33	0.462355
Ft2.991	Ft6.1627	0.462282
Ft2.5330	Ft7.3019	0.462249
Ft2.6069	Ft7.5134	0.462147
Ft2.2618	Ft6.1488	0.46212
Ft3.801	Ft8.648	0.461735
Ft4.3566	Ft7.3019	0.461713
Ft3.4077	Ft8.4533	0.460985
Ft6.3365	Ft8.973	0.460942
HiC_scaffold_5_1	iC_scaffold_5_27	0.460835
Ft4.2672	Ft7.2182	0.460793
Ft3.1420	Ft8.3416	0.460613
HiC_scaffold_5_(	iC_scaffold_5_28	0.460366
Ft2.2477	Ft8.3940	0.460149
HiC_scaffold_5_1	iC_scaffold_5_29	0.460033
Ft2.1876	Ft2.5330	0.459578
Ft3.1838	Ft8.1253	0.459394

Fe2.524	Fe3.11940	1.08498	Ft2.4618	Ft3.4154	0.459161
Fe1.14111	Fe4.11813	1.08481	Ft6.1488	Ft7.1269	0.459081
Fe3.667	Fe8.2100	1.08463	Ft4.4778	HiC.scaffold.5.136	0.458917
Fe2.9419	Fe2.12921	1.0838	Ft7.1068	Ft7.4906	0.457542
Fe5.12983	Fe7.3763	1.08378	HiC_scaffold_5_2	iC_scaffold_5_35	0.457115
Fe5.2681	Fe7.832	1.08347	Ft2.969	Ft2.3106	0.456962
Fe1.14506	Fe3.14479	1.0834	Ft4.5472	Ft8.4000	0.456921
Fe3.8427	Fe4.8049	1.08335	Ft2.5221	Ft8.307	0.456813
Fe3.12067	Fe6.9425	1.08325	Ft4.3158	Ft8.514	0.456217
Fe4.402	Fe4.13343	1.08308	Ft4.2693	Ft7.2725	0.456154
Fe6.1968	Fe8.5228	1.08288	Ft2.4447	Ft4.726	0.455727
Fe2.2847	Fe6.1981	1.08278	Ft2.2477	Ft7.4906	0.455575
Fe5.4049	Fe6.555	1.08262	Ft3.2828	Ft7.1269	0.455294
Fe1.388	Fe6.2581	1.08244	Ft2.1642	Ft6.818	0.455173
Fe3.8790	Fe5.13341	1.08205	Ft2.5649	Ft2.6392	0.455036
Fe2.10489	Fe3.13688	1.08195	Ft3.4484	Ft7.2474	0.454917
Fe1.7337	Fe8.4415	1.08181	Ft8.1284	Ft8.1552	0.454877
Fe3.8677	Fe8.7981	1.0814	Ft2.445	Ft7.1219	0.45463
Fe5.12408	Fe7.2083	1.08089	Ft3.1353	Ft3.4121	0.454525
Fe1.9826	Fe3.7722	1.08062	Ft2.3058	Ft3.3013	0.45437
Fe3.11945	Fe5.1895	1.08057	Ft2.5951	Ft7.4651	0.453052
Fe1.10468	Fe2.10269	1.08055	Ft2.2984	Ft4.1423	0.452822
Fe1.11231	Fe4.13087	1.08054	Ft4.3530	Ft7.1649	0.452619
Fe4.11572	Fe7.6055	1.08053	Ft4.4794	HiC.scaffold.5.347	0.452276
Fe5.6791	Fe6.3101	1.08051	Ft3.5015	Ft8.693	0.452248
Fe6.5336	Fe6.9419	1.08045	Ft2.5740	Ft4.2135	0.452083
Fe6.63	Fe8.11772	1.08043	Ft2.5639	Ft7.2529	0.45175
Fe2.4705	Fe3.10384	1.08014	Ft6.1627	Ft7.1069	0.451546
Fe2.6700	Fe6.18	1.08014	Ft4.2081	Ft7.625	0.451462
Fe6.5626	Fe7.6834	1.08002	Ft4.4846	Ft8.2613	0.451244
Fe3.3063	Fe7.11598	1.07955	Ft4.3394	Ft8.3478	0.451113
Fe1.11972	Fe7.12644	1.0793	Ft3.1155	Ft8.2793	0.451071
Fe4.2978	Fe5.3579	1.07919	Ft3.3214	Ft4.191	0.450744
Fe2.8697	Fe6.10178	1.07914	Ft2.961	Ft2.4661	0.450545
Fe6.5177	Fe7.8079	1.07912	Ft3.3896	Ft7.2136	0.450152
Fe1.7329	Fe3.6522	1.07898	Ft7.1277	Ft7.1649	0.449099
Fe3.13728	Fe5.1163	1.07854	Ft4.5660	Ft7.1052	0.44858
Fe2.9746	Fe2.13212	1.0784	Ft3.290	Ft8.4533	0.447937
Fe1.551	Fe6.2627	1.07793	Ft4.5013	Ft8.1934	0.447758
Fe3.11854	Fe5.1828	1.07738	Ft2.4525	Ft2.5253	0.447617
Fe6.4442	Fe7.8137	1.07737	Ft3.108	Ft8.772	0.44757
Fe3.2057	Fe4.13711	1.07671	Ft4.786	Ft6.1939	0.447393
Fe2.11088	Fe2.13507	1.07656	Ft4.4282	Ft7.2225	0.447334
Fe1.14540	Fe2.8920	1.07651	Ft3.1986	Ft6.974	0.447315
Fe2.8595	Fe3.848	1.0764	Ft1.632	Ft1.1700	0.44715
Fe7.144	Fe8.8311	1.07627	Ft3.2811	Ft7.1250	0.446993
Fe3.9030	Fe6.8428	1.07621	Ft3.5569	Ft4.726	0.446644
Fe3.10320	Fe7.4073	1.07616	Ft2.2477	Ft4.814	0.446094
Fe1.5349	Fe2.9284	1.07578	Ft7.4952	Ft8.4000	0.446001
Fe1.5455	Fe3.5714	1.07566	Ft2.4120	Ft8.1920	0.445571
Fe1.14108	Fe6.3871	1.07564	Ft6.1453	Ft7.1237	0.445304
Fe4.14136	Fe5.206	1.0756	Ft3.2389	Ft4.3699	0.445127
Fe4.3795	Fe7.11231	1.07556	Ft3.1353	Ft8.4533	0.444864
Fe2.13069	Fe3.13780	1.07544	Ft2.5664	Ft7.4875	0.443882
Fe5.9148	Fe7.7153	1.07516	Ft6.1685	Ft7.4915	0.443857

Fe4.9754	Fe4.10172	1.07452
Fe3.14209	Fe4.2406	1.07442
Fe2.3840	Fe4.1572	1.07434
Fe1.1453	Fe3.14564	1.07429
Fe4.8368	Fe6.6317	1.07413
Fe3.9249	Fe4.11895	1.07384
Fe2.13786	Fe7.12503	1.07382
Fe3.8693	Fe6.9772	1.07376
Fe1.9534	Fe4.12226	1.07342
Fe4.8568	Fe5.3635	1.0733
Fe2.7876	Fe8.4294	1.07263
Fe1.11405	Fe4.13120	1.07248
Fe6.5872	Fe8.1511	1.07245
Fe6.5336	Fe6.9185	1.07241
Fe6.8128	Fe7.1616	1.0724
Fe2.9799	Fe2.13225	1.07213
Fe3.5852	Fe5.1692	1.07211
Fe2.8524	Fe8.9690	1.07205
Fe5.11712	Fe7.3633	1.07203
Fe4.3079	Fe6.2337	1.07163
Fe2.12560	Fe8.9699	1.07132
Fe4.4597	Fe8.9479	1.07128
Fe6.10368	Fe8.6686	1.07081
Fe1.7165	Fe7.11405	1.07076
Fe4.4905	Fe6.10237	1.07058
Fe4.7514	Fe5.5595	1.07045
Fe6.4681	Fe6.11384	1.07
Fe1.3550	Fe2.3301	1.06975
Fe4.1191	Fe4.12265	1.06973
Fe5.14377	Fe7.13123	1.06966
Fe3.8427	Fe8.7135	1.06964
Fe3.8157	Fe6.175	1.06942
Fe4.6338	Fe7.9640	1.06923
Fe2.2301	Fe7.12718	1.06922
Fe1.13192	Fe1.13960	1.06909
Fe1.14159	Fe4.11855	1.06823
Fe2.9145	Fe3.14477	1.06785
Fe2.2774	Fe8.2306	1.06759
Fe3.13418	Fe4.5764	1.06742
Fe2.188	Fe2.6298	1.06717
Fe5.11440	Fe7.190	1.06712
Fe5.12536	Fe7.2151	1.06709
Fe4.2302	Fe4.13872	1.06706
Fe4.12304	Fe6.1966	1.06696
Fe4.5602	Fe8.3656	1.06689
Fe1.2365	Fe4.11465	1.06678
Fe1.11212	Fe5.5885	1.06673
Fe2.103	Fe7.11057	1.06659
Fe1.2073	Fe1.14129	1.06649
Fe1.13912	Fe6.4604	1.06648
Fe5.9102	Fe6.8490	1.06635
Fe2.4113	Fe7.5110	1.06632
Fe1.10100	Hic.scaffold.10.451	1.06626
Fe7.7425	Fe8.9460	1.06617
Fe1.9047	Fe7.13193	1.06604

Ft1.1582	Ft4.3433	0.443691
Ft2.4664	Ft4.2174	0.443272
Ft4.5451	Ft8.225	0.443256
Ft7.969	Ft7.1093	0.443243
Ft7.1645	Ft7.3321	0.443134
Ft7.4765	Ft7.5263	0.443025
Ft2.1138	Ft7.2656	0.442988
Ft4.157	Ft4.2636	0.442868
Ft2.5811	Ft7.3094	0.44227
Ft4.3813	Ft7.419	0.442028
HiC_scaffold_5_1	iC_scaffold_5_26	0.441892
Ft5.1825	Ft7.5304	0.441647
Ft3.1495	Ft4.2706	0.440939
Ft2.1054	Ft6.3391	0.440786
HiC_scaffold_5_1	iC_scaffold_5_36	0.44072
Ft3.3217	Ft7.4765	0.439593
Ft2.1039	Ft3.2529	0.439
HiC_scaffold_5_1	iC_scaffold_5_28	0.438574
Ft3.4990	Ft4.2818	0.438459
Ft3.3883	Ft7.2058	0.438184
Ft2.2323	Ft7.3118	0.438081
Ft5.1932	Ft7.4552	0.437583
Ft2.5221	Ft7.419	0.437118
Ft7.1649	Ft7.4125	0.437104
Ft3.4583	Ft3.5469	0.436403
Ft2.2898	Ft3.1436	0.436008
Ft5.1934	Ft7.4550	0.435678
Ft3.1821	Ft8.1276	0.435659
Ft2.1865	Ft4.4142	0.435658
Ft2.2040	Ft8.793	0.435389
Ft2.840	Ft7.1879	0.435181
Ft2.2561	Ft4.4340	0.434977
Ft7.2058	Ft8.1638	0.434843
HiC_scaffold_5_1	iC_scaffold_5_39	0.43473
HiC_scaffold_5_1	iC_scaffold_5_33	0.434072
Ft2.961	Ft4.786	0.433978
Ft2.3946	Ft2.5130	0.433875
Ft3.1380	Ft6.1488	0.433802
Ft3.2111	Ft4.4142	0.433649
HiC_scaffold_5_1	iC_scaffold_5_32	0.433619
Ft3.4121	Ft4.4340	0.433075
Ft2.4633	Ft3.1282	0.432239
Ft3.2111	Ft7.1269	0.432089
Ft2.4329	Ft3.1495	0.431752
Ft1.2686	Ft4.955	0.431691
Ft3.1353	Ft4.2036	0.431323
HiC_scaffold_5_1	iC_scaffold_5_37	0.430436
Ft2.4054	Ft2.5841	0.429576
Ft4.5967	Ft6.1741	0.428473
Ft3.3149	Ft4.2719	0.428324
Ft7.1912	Ft8.151	0.428299
Ft2.449	Ft2.961	0.428115
Ft2.449	Ft4.4846	0.427928
Ft2.922	Ft6.1685	0.427859
Ft2.833	Ft7.3454	0.427672

Fe3.8743	Fe5.13908	1.06585
Fe3.6037	Fe6.5319	1.06582
Fe4.419	Fe4.13397	1.06575
Fe7.11405	Fe8.8753	1.06574
Fe3.126	Fe8.12122	1.06562
Fe1.4474	Fe6.10560	1.06557
Fe6.9494	Fe7.11231	1.06554
Fe1.2242	Fe4.11546	1.06549
Fe3.13098	Fe7.11689	1.06539
Fe5.4944	Fe5.9110	1.06535
Fe2.11516	Fe2.12013	1.06483
Fe3.992	Fe8.7262	1.06473
Fe7.11163	Fe8.3595	1.06429
Fe2.156	Fe6.38	1.06427
Fe4.12303	Fe5.751	1.06398
Fe3.5714	Fe8.5493	1.0638
Fe1.2271	Fe4.1185	1.0637
Fe2.4451	Fe4.10224	1.06324
Fe2.12115	Fe6.2045	1.06321
Fe1.4755	Fe3.9683	1.06305
Fe4.869	Fe4.12423	1.06244
Fe3.6522	Fe6.9185	1.06212
Fe5.10642	Fe8.10975	1.06169
Fe3.4249	Fe5.3356	1.06153
Fe1.6620	Fe7.553	1.0615
Fe2.2722	Fe3.9792	1.0612
Fe5.12722	Fe7.5892	1.06075
Fe2.12922	Fe8.11010	1.06063
Fe4.9754	Fe6.4154	1.06056
Fe4.6000	Fe8.10238	1.0605
Fe7.7425	Fe8.1619	1.06046
Fe5.12989	Fe7.3766	1.06039
Fe2.12989	Fe4.2294	1.06023
Fe3.4370	Fe6.5828	1.0602
Fe6.9526	Fe7.6232	1.06007
Fe1.10863	Fe2.5185	1.05983
Fe2.13542	Fe2.14116	1.05959
Fe3.4070	Fe5.7551	1.05927
Fe2.3748	Fe4.1538	1.05909
Fe2.3766	Fe4.1538	1.05909
Fe3.2961	Fe5.3356	1.05872
Fe2.13834	Fe3.1021	1.05846
Fe5.5020	Fe5.6792	1.05814
Fe5.7667	Fe6.2939	1.05794
Fe3.1717	Fe6.2334	1.05792
Fe6.1174	Fe7.4215	1.05719
Fe1.3070	Fe6.2828	1.05688
Fe4.265	Fe7.12388	1.05673
Fe3.13365	Fe5.8964	1.05633
Fe2.14298	Fe8.10437	1.05605
Fe5.2020	Fe8.584	1.05589
Fe1.10636	Fe2.10749	1.05587
Fe3.3102	Fe7.11642	1.05578
Fe1.7392	Fe4.7801	1.05577
Fe3.62	Fe3.2857	1.05552

Ft4.3847	Ft7.969	0.426793
Ft4.2819	Ft7.2987	0.426506
Ft2.2477	Ft2.2754	0.426396
HiC_scaffold_5_1	iC_scaffold_5_22	0.426203
Ft2.3037	Ft3.3495	0.425878
Ft2.3037	Ft4.726	0.425475
Ft2.1883	Ft7.253	0.42528
Ft7.1052	Ft7.2956	0.42469
HiC_scaffold_5_1	iC_scaffold_5_36	0.424591
Ft1.1105	Ft2.4896	0.424565
Ft7.2094	Ft7.3912	0.424452
Ft3.1638	Ft8.92	0.424271
Ft7.1648	Ft7.3094	0.424079
Ft4.1865	Ft8.4640	0.423821
Ft2.2792	Ft4.1044	0.42364
Ft4.914	Ft7.2474	0.423605
Ft7.2058	Ft7.3094	0.423124
Ft3.3263	Ft3.5041	0.42291
Ft2.2927	Ft4.819	0.42267
HiC_scaffold_5_1	iC_scaffold_5_12	0.422383
Ft4.3813	Ft8.225	0.422225
Ft1.2574	Ft7.305	0.422207
Ft2.5194	Ft2.5951	0.421853
HiC_scaffold_5_1	iC_scaffold_5_34	0.421631
Ft7.2922	Ft8.1628	0.421625
HiC_scaffold_5_1	iC_scaffold_5_38	0.420975
Ft3.3218	Ft7.1886	0.420788
Ft4.814	Ft7.920	0.419891
Ft4.3535	Ft7.3478	0.419706
HiC_scaffold_5_1	iC_scaffold_5_36	0.419269
Ft2.2561	Ft7.1068	0.419208
Ft2.180	Ft3.666	0.4192
Ft3.1420	Ft7.2640	0.419156
Ft3.1568	Ft8.1063	0.418957
Ft5.1883	Ft7.2257	0.418417
Ft3.108	Ft8.687	0.418285
Ft2.2618	Ft7.253	0.41751
Ft2.5664	Ft7.3027	0.417386
HiC_scaffold_5_2	iC_scaffold_5_36	0.417062
Ft2.4317	Ft4.4340	0.416579
Ft2.2618	Ft4.726	0.416241
Ft7.1730	Ft7.3754	0.415891
Ft6.1552	Ft7.4651	0.415751
HiC_scaffold_5_2	iC_scaffold_5_33	0.415478
Ft2.1883	Ft7.4651	0.415315
Ft7.2935	Ft8.1638	0.41498
Ft7.3118	Ft8.2610	0.414963
HiC_scaffold_5_1	iC_scaffold_5_33	0.414598
Ft3.1932	Ft8.1734	0.414514
Ft3.2204	Ft3.3049	0.414
Ft2.662	Ft4.1296	0.413958
HiC_scaffold_5_1	iC_scaffold_5_28	0.413562
HiC_scaffold_5_2	iC_scaffold_5_37	0.413562
HiC_scaffold_5_2	iC_scaffold_5_37	0.413562
HiC_scaffold_5_1	iC_scaffold_5_28	0.413562

Fe5.14330	Fe6.1481	1.05536	Ft4.1917	Ft7.3013	0.412792
Fe4.4869	Fe8.9274	1.0552	Ft7.2065	Ft7.3101	0.412559
Fe6.10835	Hic.scaffold.10.199	1.05452	Ft2.4508	Ft3.4372	0.412517
Fe4.4972	Fe8.9268	1.05409	Ft2.3095	Ft2.6583	0.412264
Fe3.13366	Fe5.1161	1.05403	HiC_scaffold_5_2	iC_scaffold_5_38	0.411663
Fe1.9262	Fe4.11554	1.05398	Ft4.3394	Ft7.649	0.411436
Fe2.3729	Fe4.3873	1.05382	Ft2.411	Ft3.3236	0.411416
Fe5.1794	Fe5.12843	1.05375	Ft3.1353	Ft4.1771	0.411245
Fe1.672	Fe6.2663	1.05371	Ft3.1353	Ft3.5490	0.411088
Fe6.3028	Fe7.2644	1.05338	Ft4.4798	Ft5.1717	0.4109
Fe4.14218	Fe6.576	1.0527	Ft3.3473	Ft4.885	0.410297
Fe4.2896	Fe7.6108	1.05264	Ft2.3422	Ft4.3782	0.409918
Fe3.10617	Fe6.3103	1.05248	Ft2.2359	Ft4.4340	0.409728
Fe2.11382	Fe6.7547	1.05223	HiC_scaffold_5_	iC_scaffold_5_37	0.409579
Fe4.3215	Fe4.5908	1.05213	Ft4.1805	Ft7.3094	0.409359
Fe2.13192	Fe8.10964	1.05176	Ft6.1044	Ft7.4906	0.40926
Fe3.8743	Fe6.11617	1.05105	HiC_scaffold_5_	iC_scaffold_5_34	0.409199
Fe2.12911	Fe8.11039	1.05057	Ft4.2923	Ft8.1530	0.408809
Fe3.7618	Fe6.9985	1.05025	Ft2.5385	Ft7.3115	0.408215
Fe1.8675	Fe4.6220	1.05015	Ft3.4154	Ft8.746	0.407988
Fe4.6338	Fe8.4427	1.0501	Ft4.2323	Ft6.2580	0.407926
Fe7.323	Fe8.8240	1.04979	Ft2.824	Ft7.3993	0.407853
Fe5.12377	Fe8.3656	1.04963	Ft2.5789	Ft7.2372	0.407738
Fe1.1247	Fe6.3431	1.04953	Ft3.913	Ft7.3912	0.407705
Fe4.14115	Fe5.239	1.04919	Ft3.3236	Ft7.1068	0.407186
Fe4.5602	Fe8.2864	1.04919	Ft2.1054	Ft7.2935	0.407094
Fe6.8264	Fe7.4260	1.04907	Ft4.814	Ft8.1284	0.407062
Fe2.9012	Fe4.1997	1.04883	Ft4.2657	Ft7.2172	0.407015
Fe1.11775	Fe3.187	1.0485	Ft2.5154	Ft4.5184	0.407003
Fe2.510	Fe3.11960	1.0482	Ft3.4121	Ft4.4276	0.406423
Fe3.14314	Fe5.9260	1.04817	Ft2.2618	Ft4.4320	0.405609
Fe2.8871	Fe7.5945	1.04815	Ft2.5664	Ft4.5660	0.404374
Fe2.2508	Fe4.1142	1.04789	HiC_scaffold_5_	iC_scaffold_5_21	0.404212
Fe1.7337	Fe8.5108	1.04782	Ft2.2754	Ft3.1881	0.404162
Fe2.4922	Fe7.3277	1.0478	Ft4.4778	HiC.scaffold.5.183	0.403801
Fe2.11018	Fe2.13478	1.04774	Ft7.1069	Ft8.3296	0.403691
Fe2.13571	Fe2.14097	1.04742	Ft2.3046	Ft7.5134	0.403588
Fe2.11261	Fe3.14371	1.04732	Ft2.2898	Ft2.5232	0.403448
Fe2.12806	Fe8.9183	1.04695	Ft3.1986	Ft8.2612	0.403226
Fe1.12148	Fe4.13378	1.04691	Ft7.920	Ft7.1730	0.403206
Fe3.8677	Fe5.10742	1.04669	Ft2.1761	Ft4.3584	0.40319
Fe3.2904	Fe8.3444	1.04637	Ft3.591	Ft7.4915	0.403064
Fe2.14294	Fe4.3053	1.0462	Ft1.907	Ft2.4726	0.402901
Fe2.5169	Fe3.10695	1.04612	Ft7.887	Ft8.2353	0.402732
Fe2.4451	Fe7.11343	1.04606	Ft3.1573	Ft8.1068	0.402248
Fe1.2271	Fe3.4479	1.04602	Ft8.3296	Ft8.3996	0.40177
Fe5.4444	Fe6.3412	1.0458	HiC_scaffold_5_2	iC_scaffold_5_32	0.401697
Fe3.4856	Fe6.6691	1.04516	Ft3.2811	Ft8.4000	0.401587
Fe7.7153	Fe8.2721	1.04515	Ft2.3303	Ft8.524	0.401391
Fe2.4548	Fe3.10261	1.04514	Ft3.879	Ft3.1426	0.400506
Fe2.9917	Fe3.13060	1.04479	Ft3.913	Ft3.1881	0.40027
Fe1.10156	Fe4.12379	1.04471	Ft2.467	Ft4.3808	0.399955
Fe3.5063	Fe7.11598	1.04453	Ft4.4778	HiC.scaffold.5.169	0.399904
Fe1.2415	Fe4.11380	1.04449	Ft4.2036	Ft7.649	0.399887
Fe2.5294	Fe3.10726	1.04429	Ft3.290	Ft7.4952	0.399761

Fe5.3941	Fe7.1671	1.04426
Fe5.3736	Fe7.888	1.04398
Fe2.10369	Fe2.13160	1.04394
Fe1.5455	Fe5.12660	1.0435
Fe3.4072	Fe6.7216	1.04318
Fe1.5894	Fe8.666	1.04304
Fe4.9579	Hic.scaffold.10.155	1.04269
Fe2.13825	Fe7.906	1.04266
Fe1.13145	Fe7.2877	1.04195
Fe5.421	Fe6.1139	1.0419
Fe2.13704	Fe4.2616	1.04167
Fe1.10594	Fe4.12816	1.04154
Fe3.1756	Fe7.127	1.04135
Fe3.5063	Fe6.3212	1.04132
Fe3.3164	Fe6.4850	1.0412
Fe4.8047	Fe7.11003	1.04118
Fe2.8187	Hic.scaffold.10.381	1.04099
Fe5.10742	Fe6.11351	1.04076
Fe2.2165	Fe4.851	1.04062
Fe2.10363	Fe4.8402	1.03996
Fe2.3727	Fe4.1484	1.03974
Fe2.9864	Fe3.12988	1.0394
Fe7.476	Fe7.3154	1.03931
Fe1.4415	Fe4.2975	1.03929
Fe1.10158	Fe4.9252	1.03871
Fe2.13062	Fe3.13803	1.03871
Fe1.3914	Fe7.3982	1.0387
Fe2.1556	Fe4.1651	1.03867
Fe1.11791	Fe4.13206	1.03847
Fe3.4592	Fe5.13059	1.03839
Fe4.4710	Fe8.9398	1.03836
Fe7.7710	Fe7.11687	1.03826
Fe4.8406	Fe6.5989	1.03822
Fe2.9641	Fe8.10964	1.038
Fe2.781	Fe5.1629	1.03799
Fe2.2560	Fe7.11738	1.03797
Fe1.14163	Fe4.11875	1.03787
Fe4.1998	Fe5.9603	1.03786
Fe2.3243	Fe2.12835	1.03784
Fe2.11071	Fe8.744	1.03779
Fe4.9655	Fe7.3498	1.03756
Fe4.408	Fe4.13371	1.03742
Fe2.10587	Fe4.3037	1.03736
Fe1.10460	Fe4.2097	1.03666
Fe4.2121	Fe8.10887	1.03648
Fe1.2176	Fe6.4185	1.03629
Fe4.14435	Fe8.10596	1.03628
Fe2.14295	Fe4.3057	1.03618
Fe1.4782	Fe4.11728	1.03594
Fe4.8406	Fe6.5193	1.03577
Fe4.14215	Fe6.575	1.03568
Fe3.8800	Fe4.3881	1.03566
Fe4.11895	Fe7.9820	1.0355
Fe7.180	Fe8.8366	1.03549
Fe5.1151	Fe5.1629	1.03537
Ft2.662	Ft2.2160	0.399581
Ft2.2542	Ft3.2472	0.398741
Ft3.1353	Ft4.786	0.398407
Ft3.879	Ft3.2029	0.398308
Ft2.112	Ft4.4091	0.397946
Ft2.2919	Ft3.3492	0.397847
Ft7.5100	Ft8.174	0.397797
Ft3.1413	Ft7.3122	0.39776
HiC_scaffold_5_	iC_scaffold_5_25	0.397289
Ft3.3547	Ft7.2149	0.397068
Ft2.961	Ft3.1986	0.396639
Ft4.4777	HiC.scaffold.5.168	0.39654
Ft3.430	Ft4.1938	0.396522
Ft2.5214	Ft4.2036	0.396196
Ft3.913	Ft7.4906	0.396145
Ft7.488	Ft8.1704	0.396116
Ft3.3473	Ft7.1269	0.395926
Ft3.3592	Ft4.1771	0.39584
Ft4.2168	Ft8.225	0.395714
Ft2.2984	Ft7.3094	0.395525
Ft3.1861	Ft3.1986	0.395486
Ft4.2705	Ft7.331	0.394885
Ft3.1832	Ft7.5272	0.39465
HiC_scaffold_5_	iC_scaffold_5_19	0.39369
HiC_scaffold_5_	iC_scaffold_5_37	0.39369
HiC_scaffold_5_	iC_scaffold_5_37	0.39369
Ft4.4788	HiC.scaffold.5.373	0.393396
Ft2.2471	Ft7.757	0.393314
Ft2.4525	Ft8.5118	0.393227
Ft7.3094	Ft8.1762	0.393191
Ft2.1857	Ft7.2213	0.39254
Ft4.4797	Ft5.1708	0.392182
Ft2.2898	Ft4.5424	0.391734
Ft2.393	Ft7.1599	0.391422
Ft4.2168	Ft7.1016	0.391057
Ft3.3657	Ft7.3064	0.390986
Ft4.2805	Ft7.3046	0.390854
Ft3.1796	Ft7.2715	0.390764
Ft2.2553	Ft4.4245	0.390745
Ft2.292	Ft6.1070	0.390742
Ft3.2828	Ft7.253	0.390544
Ft2.3058	Ft4.2936	0.390492
HiC_scaffold_5_2	iC_scaffold_5_35	0.390395
Ft3.2472	Ft3.3305	0.39037
Ft4.2157	Ft4.4846	0.38974
Ft2.2502	Ft8.1227	0.389212
Ft5.501	Ft5.1384	0.388911
Ft3.590	Ft7.3288	0.388859
Ft1.130	Ft6.1502	0.388706
Ft4.157	Ft4.5614	0.388102
Ft2.3422	Ft4.5842	0.388014
Ft4.5650	Ft7.920	0.387857
Ft1.2387	Ft3.1881	0.387731
Ft2.5849	Ft7.475	0.387254
Ft2.5224	Ft3.1928	0.386847

Fe3.9792	Fe6.1843	1.03521
Fe5.3566	Fe7.6295	1.03501
Fe3.1306	Fe8.1701	1.03432
Fe5.12744	Fe7.5913	1.03427
Fe1.6690	Fe8.5110	1.03409
Fe2.4833	Fe3.10460	1.03407
Fe2.8697	Fe8.9539	1.03375
Fe1.4830	Fe7.1614	1.03349
Fe3.2021	Fe4.13731	1.03314
Fe2.7662	Hic.scaffold.10.209	1.03311
Fe5.14314	Fe7.12386	1.03303
Fe3.684	Fe6.365	1.03301
Fe3.2269	Fe7.1584	1.03295
Fe5.13744	Fe6.2236	1.03223
Fe3.13830	Fe5.9031	1.03219
Fe3.607	Fe8.7706	1.03211
Fe6.5172	Fe8.8474	1.03199
Fe2.468	Fe3.4693	1.03194
Fe3.9114	Fe4.11554	1.03186
Fe2.10599	Fe3.13794	1.03159
Fe4.14516	Fe6.775	1.03159
Fe3.13974	Fe8.10810	1.03104
Fe1.10072	Hic.scaffold.10.477	1.03077
Fe1.5287	Fe7.1788	1.03062
Fe5.10165	Fe6.9433	1.03038
Fe3.567	Fe8.7590	1.03034
Fe3.7276	Fe5.4473	1.03034
Fe1.14297	Fe3.2182	1.03018
Fe2.9201	Fe4.2026	1.03014
Fe1.12213	Fe6.7332	1.02999
Fe3.9602	Fe6.10560	1.02999
Fe4.5602	Fe7.4893	1.02996
Fe2.10803	Fe2.12968	1.0299
Fe3.9126	Fe5.3328	1.02964
Fe3.7618	Fe6.5336	1.0296
Fe3.12229	Fe8.3507	1.02939
Fe7.1642	Fe8.5248	1.02924
Fe3.119	Fe8.12113	1.0292
Fe3.133	Fe8.482	1.02911
Fe2.1484	Fe4.511	1.02908
Fe3.10748	Fe7.11358	1.02897
Fe2.5085	Fe8.678	1.02833
Fe5.12660	Fe6.10778	1.02832
Fe2.7735	Hic.scaffold.10.197	1.02772
Fe1.37	Fe6.2448	1.02726
Fe7.9141	Fe7.11689	1.02694
Fe1.2538	Fe3.9856	1.02676
Fe1.2271	Fe3.12078	1.02659
Fe7.11078	Fe7.11231	1.02639
Fe4.3890	Fe6.6430	1.0263
Fe2.10280	Fe2.13292	1.02625
Fe1.14077	Fe5.3383	1.026
Fe2.9745	Fe5.13462	1.026
Fe1.1907	Fe1.14157	1.02598
Fe3.3622	Hic.scaffold.9.893	1.02591
Ft5.1711	HiC.scaffold.5.181	0.386301
Ft3.1353	Ft8.3478	0.385869
Ft2.201	Ft8.4533	0.385359
Ft3.801	Ft3.2744	0.38492
Ft3.2450	Ft7.5263	0.384837
Ft4.2168	Ft6.1404	0.384773
HiC_scaffold_5_1	iC_scaffold_5_27	0.384618
Ft3.5510	Ft8.1284	0.384312
Ft2.1843	Ft4.5660	0.384262
Ft3.1932	Ft4.3808	0.383598
Ft7.1740	Ft7.3780	0.383372
Ft3.4484	Ft6.1276	0.383341
Ft3.3631	Ft7.2148	0.383276
Ft2.2808	Ft4.667	0.383255
Ft7.2891	Ft7.4915	0.383188
HiC_scaffold_5_1	iC_scaffold_5_34	0.382408
Ft2.2879	Ft8.225	0.382386
Ft5.1713	HiC.scaffold.5.374	0.382239
Ft2.384	Ft2.4447	0.382075
Ft2.411	Ft4.6168	0.382055
HiC_scaffold_5_1	iC_scaffold_5_23	0.382033
Ft4.158	Ft4.4103	0.381738
Ft2.889	Ft7.3754	0.381537
Ft2.5201	Ft8.225	0.380786
Ft4.4802	HiC.scaffold.5.171	0.380642
Ft4.4793	HiC.scaffold.5.337	0.379467
HiC_scaffold_5_1	iC_scaffold_5_33	0.379467
HiC_scaffold_5_1	iC_scaffold_5_33	0.379467
Ft3.855	Ft3.1796	0.379386
Ft2.2391	Ft3.420	0.379039
Ft2.468	Ft4.1481	0.37884
Ft3.1353	Ft4.5409	0.378405
Ft3.1881	Ft4.885	0.378279
Ft2.1103	Ft4.6169	0.377842
Ft3.3236	Ft7.3115	0.377652
Ft2.248	Ft6.1488	0.377341
Ft2.384	Ft2.961	0.377332
Ft3.1991	Ft8.3310	0.377227
Ft7.1452	Ft8.3370	0.37672
Ft2.411	Ft2.4661	0.376156
Ft2.3095	Ft7.1635	0.375858
HiC_scaffold_5_1	iC_scaffold_5_34	0.375036
Ft3.1571	Ft8.1067	0.374314
HiC_scaffold_5_1	iC_scaffold_5_34	0.373908
Ft6.1044	Ft8.4301	0.373242
Ft7.4828	Ft7.5153	0.372932
Ft2.3388	Ft7.2149	0.372672
Ft3.3601	Ft3.4214	0.372659
Ft3.1986	Ft4.5650	0.372244
Ft2.1817	Ft7.1472	0.372236
Ft2.2544	Ft8.1907	0.371949
Ft7.887	Ft7.4995	0.371598
Ft4.4788	HiC.scaffold.5.97	0.371585
HiC_scaffold_5_1	iC_scaffold_5_27	0.370961
Ft6.1627	Ft7.3118	0.370576

Fe5.2839	Fe7.638	1.02585
Fe2.9740	Fe3.9813	1.02578
Fe2.6736	Fe8.10803	1.02577
Fe1.2715	Fe5.2113	1.02575
Fe2.2361	Fe4.1044	1.02553
Fe6.6229	Fe7.3560	1.02542
Fe6.9985	Fe8.6907	1.02534
Fe2.1423	Fe4.13068	1.02532
Fe1.4092	Fe3.12020	1.02529
Fe5.10742	Fe7.6653	1.02512
Fe6.3686	Hic.scaffold.9.403	1.02503
Fe4.14367	Fe5.92	1.02498
Fe6.3733	Fe6.10468	1.02498
Fe5.10510	Fe7.428	1.02491
Fe1.13947	Fe6.4406	1.02487
Fe1.12426	Fe4.13443	1.02482
Fe3.12047	Fe5.1970	1.0247
Fe7.3552	Fe7.8079	1.02457
Fe2.4513	Fe4.4425	1.0238
Fe1.1989	Fe6.2476	1.02378
Fe4.13305	Fe6.3209	1.02369
Fe3.14327	Fe5.9260	1.02361
Fe1.177	Fe2.12169	1.02358
Fe5.12697	Fe7.5891	1.02356
Fe1.2379	Fe4.11442	1.02351
Fe1.3058	Fe4.11957	1.02351
Fe1.6549	Fe6.10778	1.02343
Fe2.3415	Fe4.7780	1.02334
Fe3.6522	Fe6.9837	1.02322
Fe1.4615	Fe3.9585	1.02321
Fe2.10301	Fe8.5493	1.02314
Fe2.11248	Fe5.9313	1.023
Fe1.11467	Fe4.13174	1.02296
Fe1.7180	Fe3.7066	1.02251
Fe5.12660	Fe7.6936	1.0222
Fe2.1924	Fe4.756	1.02218
Fe4.6042	Fe7.11343	1.02213
Fe5.4826	Fe5.13025	1.02193
Fe5.4102	Fe6.524	1.02187
Fe3.13728	Fe5.9454	1.0217
Fe2.11759	Fe4.2761	1.02157
Fe2.2355	Fe2.10318	1.02156
Fe6.5158	Fe8.7664	1.02107
Fe2.8511	Fe5.8524	1.02099
Fe1.10073	Hic.scaffold.10.455	1.02091
Fe2.13059	Fe3.13805	1.02065
Fe6.9872	Fe7.12705	1.02051
Fe5.2418	Fe8.732	1.02045
Fe1.4474	Fe8.5110	1.02042
Fe3.589	Fe8.7651	1.02042
Fe2.11972	Fe7.4303	1.02009
Fe4.14403	Fe6.711	1.02009
Fe3.1132	Fe8.1526	1.02001
Fe6.732	Hic.scaffold.11.157	1.01996
Fe3.10212	Fe7.11796	1.0199

HiC_scaffold_5_1	iC_scaffold_5_34	0.37013
HiC_scaffold_5_3	iC_scaffold_5_38	0.370063
Ft3.3236	Ft3.4867	0.370055
Ft7.1623	Ft7.1879	0.370017
Ft2.3204	Ft7.393	0.36996
Ft3.1353	Ft4.157	0.369819
Ft3.4336	Ft4.3192	0.369021
Ft2.1865	Ft8.1552	0.368549
Ft2.5194	Ft7.4906	0.368431
Ft3.3473	Ft7.4781	0.367865
Ft2.393	Ft4.2135	0.36786
Ft3.3592	Ft8.492	0.367631
HiC_scaffold_5_1	iC_scaffold_5_39	0.367503
Ft2.4932	Ft8.64	0.367262
Ft4.786	Ft7.1730	0.36719
Ft2.5740	Ft7.4741	0.367036
Ft4.4142	Ft7.4906	0.366983
Ft2.840	Ft2.5910	0.366863
Ft3.365	Ft6.1181	0.36671
Ft4.265	Ft5.51	0.366545
Ft7.1069	Ft7.1283	0.365626
Ft4.3929	Ft6.3406	0.365541
Ft4.865	Ft8.5126	0.36543
Ft2.2754	Ft3.290	0.365081
Ft3.1445	Ft7.1004	0.364902
Ft2.3058	Ft4.4066	0.364049
Ft5.1867	Ft7.5317	0.364026
Ft3.584	Ft8.4249	0.363379
Ft4.4792	HiC.scaffold.5.389	0.363306
HiC_scaffold_5_6	iC_scaffold_5_38	0.363306
Ft8.2462	Ft8.2565	0.362975
Ft2.1054	Ft3.430	0.36296
Ft3.4201	Ft4.4940	0.36254
Ft2.411	Ft4.2036	0.362457
Ft2.393	Ft4.1917	0.362397
Ft7.2149	Ft8.870	0.361728
Ft2.5901	Ft3.1413	0.360629
Ft4.6082	Ft8.2405	0.360525
Ft2.6228	Ft7.476	0.360523
Ft5.1717	HiC.scaffold.5.64	0.35991
Ft7.2058	Ft7.3993	0.359744
Ft3.423	Ft4.1917	0.358987
Ft3.2111	Ft3.2828	0.358081
Ft4.3808	Ft7.2213	0.357588
Ft2.2713	Ft8.3712	0.357357
HiC_scaffold_5_1	iC_scaffold_5_39	0.357039
Ft2.5740	Ft3.5490	0.3565
HiC_scaffold_5_1	iC_scaffold_5_36	0.356083
Ft4.4142	Ft7.1068	0.355841
Ft2.411	Ft4.5472	0.355598
HiC_scaffold_5_2	iC_scaffold_5_38	0.355342
HiC_scaffold_5_6	iC_scaffold_5_38	0.355342
Ft7.1591	Ft8.492	0.355053
Ft4.1771	Ft7.3115	0.354947
Ft7.2980	Ft8.2475	0.354591

Fe2.7566	Fe3.8580	1.01983
Fe3.2961	Fe4.2828	1.01975
Fe4.8303	Fe6.8106	1.01963
Fe2.2423	Fe4.12618	1.01948
Fe1.4430	Fe7.7149	1.01944
Fe1.13401	Fe6.3458	1.01942
Fe7.7710	Fe7.12279	1.01924
Fe4.4336	Fe8.9626	1.01898
Fe3.13477	Fe6.2130	1.01863
Fe1.854	Fe6.3066	1.01815
Fe1.11197	Fe2.1452	1.01793
Fe7.6653	Fe8.10138	1.01783
Fe1.13894	Fe6.4628	1.01774
Fe1.1651	Fe8.7615	1.01707
Fe3.704	Fe8.1787	1.01705
Fe5.8483	Fe7.10249	1.01705
Fe5.446	Fe6.1181	1.017
Fe3.10977	Fe3.10978	1.01658
Fe1.5539	Fe2.12449	1.01642
Fe2.7420	Fe3.12240	1.01631
Fe4.8406	Fe5.3188	1.0163
Fe6.10481	Fe8.6450	1.01627
Fe3.1366	Fe3.12283	1.01607
Fe4.3087	Fe8.12030	1.01585
Fe1.10475	Fe4.742	1.01576
Fe4.12268	Fe6.9330	1.01523
Fe6.5572	Fe7.11405	1.01498
Fe4.11307	Fe6.4393	1.01497
Fe1.4431	Fe7.1468	1.01484
Fe1.2044	Fe6.3982	1.0147
Fe1.6587	Fe7.544	1.01452
Fe4.13087	Fe5.1158	1.01425
Fe4.8521	Fe6.11617	1.01417
Fe7.195	Fe8.8393	1.01417
Fe3.2864	Fe4.5885	1.01413
Fe2.13533	Fe4.3363	1.01406
Fe2.13384	Fe5.8962	1.01397
Fe3.13894	Fe6.3064	1.01332
Fe1.4483	Fe5.4439	1.01328
Fe2.11705	Fe2.13663	1.0132
Fe4.8049	Fe7.8254	1.01318
Fe1.13370	Fe4.8154	1.01265
Fe2.9776	Fe8.10909	1.01222
Fe4.848	Fe4.12389	1.01201
Fe2.10817	Fe4.12673	1.0119
Fe5.10692	Fe7.3090	1.01182
Fe3.5975	Fe7.3633	1.01177
Fe1.5781	Fe8.4104	1.01165
Fe5.10595	Fe7.415	1.01147
Fe7.7526	Fe8.3060	1.01127
Fe3.8922	Fe5.11712	1.01085
Fe1.14174	Fe4.11899	1.01082
Fe4.7989	Fe6.7201	1.01073
Fe4.10823	Fe5.3367	1.01068
Fe2.9726	Fe8.10942	1.0104
Ft4.476	Ft6.417	0.353676
Ft2.1761	Ft3.4121	0.353621
Ft2.5755	Ft3.1932	0.353546
Ft4.1938	Ft8.2462	0.353289
Ft4.4781	HiC.scaffold.5.171	0.353091
Ft3.1353	Ft7.4906	0.352929
Ft2.411	Ft8.1695	0.35282
Ft3.2441	Ft8.3478	0.35237
Ft2.411	Ft2.4317	0.35226
Ft7.4651	Ft8.1695	0.352194
Ft4.4545	Ft7.2652	0.352141
Ft2.2160	Ft2.2270	0.351857
Ft2.199	Ft4.914	0.351732
Ft2.5695	Ft8.225	0.351687
Ft4.2636	Ft8.2390	0.351319
Ft3.1861	Ft4.2135	0.351257
HiC_scaffold_5_2	iC_scaffold_5_39	0.350945
Ft3.1516	Ft7.2159	0.350811
Ft2.1039	Ft2.4661	0.350755
Ft4.3782	Ft7.1648	0.350611
Ft2.5849	Ft8.3294	0.35024
HiC_scaffold_5_1	iC_scaffold_5_33	0.349922
Ft7.2122	Ft8.2565	0.349657
Ft1.1873	Ft1.2198	0.349113
Ft2.393	Ft6.438	0.349095
Ft2.2754	Ft2.6469	0.348984
Ft7.1052	Ft7.1269	0.348768
Ft7.2122	Ft7.2935	0.348655
HiC_scaffold_5_1	iC_scaffold_5_28	0.348625
HiC_scaffold_5_1	iC_scaffold_5_38	0.348625
Ft1.2387	Ft8.4301	0.348147
Ft4.2607	Ft8.2905	0.348057
Ft4.80	Ft4.4327	0.348051
Ft3.1426	Ft6.1404	0.34768
Ft4.4790	HiC.scaffold.5.56	0.347384
Ft3.2828	Ft7.475	0.347053
Ft3.4427	Ft4.3227	0.345859
Ft4.1805	Ft4.2168	0.345619
Ft2.5304	Ft3.423	0.345395
Ft2.411	Ft4.2636	0.344962
HiC_scaffold_5_1	iC_scaffold_5_17	0.344494
Ft4.2705	Ft4.3816	0.344361
Ft1.1545	Ft7.4630	0.344329
Ft3.2821	Ft7.3118	0.343879
Ft3.989	Ft7.3943	0.34377
HiC_scaffold_5_1	iC_scaffold_5_38	0.343507
Ft8.632	Ft8.2353	0.343064
Ft2.5849	Ft2.6469	0.342985
Ft2.2697	Ft8.2967	0.342976
Ft2.5740	Ft4.98	0.342835
Ft2.248	Ft2.5085	0.342333
Ft3.1353	Ft7.393	0.342289
Ft2.2714	Ft7.4651	0.342256
Ft6.974	Ft7.5068	0.341401
Ft2.643	Ft3.2368	0.340921

Fe1.11084	Fe3.9363	1.01014
Fe1.2469	Fe4.11354	1.01001
Fe2.9892	Fe2.13276	1.00962
Fe3.5714	Fe7.6295	1.00957
Fe1.454	Fe7.833	1.00949
Fe5.2360	Fe7.7425	1.00894
Fe4.5764	Fe5.7886	1.00884
Fe2.4922	Fe6.9837	1.00883
Fe6.4332	Fe6.10139	1.00842
Fe2.6169	Fe6.37	1.00835
Fe2.11968	Fe8.7110	1.00832
Fe5.61	Hic.scaffold.11.147	1.00818
Fe6.10850	Fe7.1191	1.00812
Fe1.2354	Fe1.14026	1.00792
Fe3.790	Fe8.6564	1.00788
Fe3.3504	Fe6.4772	1.0078
Fe2.10488	Fe4.2978	1.00769
Fe2.878	Fe7.12004	1.00749
Fe2.12926	Fe8.11007	1.00732
Fe4.12244	Fe7.11231	1.00727
Fe4.9326	Fe5.13008	1.00713
Fe3.8064	Fe4.8463	1.00711
Fe7.1453	Fe7.12676	1.00709
Fe3.5563	Fe4.6048	1.00708
Fe1.9512	Fe7.6756	1.007
Fe1.454	Fe1.1223	1.00697
Fe8.8774	Fe8.10078	1.00696
Fe4.10449	Fe8.535	1.00683
Fe3.13491	Fe5.8705	1.00653
Fe7.8079	Fe8.6984	1.00644
Fe3.7889	Fe5.1970	1.00636
Fe2.13601	Fe8.11315	1.00618
Fe6.9985	Fe8.5493	1.00616
Fe7.163	Fe8.8319	1.00614
Fe3.1234	Fe6.1029	1.00613
Fe1.837	Fe6.3063	1.00604
Fe3.9249	Fe5.3356	1.00598
Fe4.2097	Fe6.5572	1.00598
Fe3.13365	Fe4.2168	1.00583
Fe2.10221	Hic.scaffold.9.300	1.00574
Fe2.12742	Fe8.9303	1.0055
Fe3.9249	Fe7.6108	1.00548
Fe4.9009	Fe6.9702	1.00533
Fe3.3267	Fe3.9813	1.00527
Fe4.14577	Fe8.9937	1.00502
Fe1.6197	Fe2.3854	1.005
Fe6.9772	Fe7.7526	1.005
Fe4.14386	Fe6.732	1.00485
Fe4.1338	Fe6.1886	1.00476
Fe4.10143	Fe7.1095	1.00464
Fe3.8922	Fe7.3633	1.00448
Fe1.2597	Fe3.4856	1.00446
Fe5.60	Fe6.720	1.00441
Fe4.8568	Fe6.6691	1.00402
Fe3.7040	Fe6.7616	1.00388
Ft6.3281	Ft8.793	0.340452
Ft4.819	Ft8.4533	0.340135
Ft2.662	Ft4.885	0.339571
Ft3.4484	Ft4.157	0.338866
Ft2.6440	Ft7.1591	0.338802
Ft2.199	Ft2.6469	0.33877
Ft1.2387	Ft2.833	0.338745
Ft4.1740	Ft4.3715	0.338682
Ft2.1843	Ft3.4214	0.338675
Ft2.3058	Ft7.2023	0.338219
Ft2.4120	Ft6.1404	0.338003
Ft2.1761	Ft8.1466	0.33767
Ft2.2359	Ft4.814	0.337262
HiC_scaffold_5_1	iC_scaffold_5_21	0.337004
Ft4.2157	Ft8.1552	0.336414
Ft3.1319	Ft8.3192	0.336329
Ft2.1316	Ft3.5100	0.335866
Ft4.814	Ft7.4765	0.335545
Ft4.4780	HiC.scaffold.5.185	0.335446
HiC_scaffold_5_1	iC_scaffold_5_25	0.335415
Ft4.4788	HiC.scaffold.5.83	0.3352
HiC_scaffold_5_1	iC_scaffold_5_38	0.334748
HiC_scaffold_5_1	iC_scaffold_5_37	0.334688
Ft4.80	Ft8.1273	0.33455
Ft3.5469	Ft7.2225	0.334209
Ft4.667	Ft8.225	0.334192
Ft2.671	Ft3.1380	0.3341
Ft4.4846	Ft7.4906	0.334077
Ft2.6469	Ft7.1052	0.333785
Ft2.2898	Ft3.1796	0.333782
Ft2.2714	Ft8.4301	0.333737
Ft3.5041	Ft4.3729	0.333643
Ft3.2828	Ft4.814	0.333564
Ft7.4241	Ft8.2555	0.333543
Ft4.1938	Ft8.632	0.333289
Ft3.3278	Ft4.3079	0.33221
Ft2.6299	Ft5.2833	0.331334
Ft2.5901	Ft8.1273	0.330977
HiC_scaffold_5_3	iC_scaffold_5_38	0.330632
HiC_scaffold_5_1	iC_scaffold_5_38	0.330582
HiC_scaffold_5_1	iC_scaffold_5_18	0.330031
Ft3.4154	Ft8.1529	0.32931
Ft4.1022	Ft4.3992	0.329307
Ft2.2787	Ft4.5612	0.329006
HiC_scaffold_5_1	iC_scaffold_5_18	0.328812
Ft1.2387	Ft6.1366	0.328707
Ft2.844	Ft8.1273	0.328482
HiC_scaffold_5_1	iC_scaffold_5_33	0.328062
HiC_scaffold_5_3	iC_scaffold_5_37	0.328062
HiC_scaffold_5_1	iC_scaffold_5_33	0.328062
Ft4.5451	Ft7.5134	0.327741
Ft3.5490	Ft4.814	0.327573
Ft2.1843	Ft3.3236	0.327332
Ft2.833	Ft8.1284	0.326802
Ft2.662	Ft3.5490	0.326759

Fe1.7074	Fe7.3071	1.00371
Fe2.9401	Fe8.11039	1.00358
Fe4.7988	Fe5.8891	1.0033
Fe1.9073	Fe7.6855	1.003
Fe1.13926	Fe4.11183	1.00295
Fe4.5885	Fe4.8299	1.00287
Fe3.2669	Fe7.12388	1.00254
Fe4.13883	Fe6.2248	1.00238
Fe4.8402	Fe7.8241	1.0023
Fe7.364	Fe7.4497	1.00221
Fe1.4314	Fe2.7755	1.00194
Fe4.714	Fe5.13025	1.00185
Fe1.9444	Fe7.11405	1.00184
Fe2.2577	Fe8.7737	1.00167
Fe1.7337	Fe4.2192	1.00158
Fe3.12068	Fe7.11598	1.00154
Fe4.114	Fe6.1433	1.00149
Fe3.64	Fe8.609	1.00146
Fe1.2924	Fe6.9425	1.00144
Fe3.9006	Fe7.3874	1.00136
Fe3.7896	Fe4.4924	1.00119
Fe5.6051	Fe7.6214	1.00115
Fe2.13708	Fe6.7817	1.0011
Fe1.7337	Fe5.8912	1.001
Fe4.11646	Fe8.2084	1.00097
Fe6.12167	Fe7.715	1.00097
Fe5.9102	Fe7.12276	1.00092
Fe4.14297	Fe6.596	1.00091
Fe5.12395	Fe7.2044	1.00069
Fe3.12016	Fe8.5131	1.00057
Fe2.11071	Fe8.9520	1.00052
Fe2.9172	Fe8.11171	1.0005
Fe8.10158	Fe8.11384	1.00009
Fe8.10626	Hic.scaffold.11.157	1.00009
Fe1.11212	Fe6.5826	1.00002
Fe6.3055	Fe6.3681	0.999874
Fe1.5127	Fe7.1737	0.999658
Fe1.2762	Fe6.4609	0.999635
Fe2.13509	Fe4.3341	0.999635
Fe1.10785	Fe4.549	0.999455
Fe2.11754	Fe4.2757	0.999425
Fe1.1377	Fe6.3517	0.999297
Fe6.9188	Fe8.5256	0.999118
Fe4.14386	Fe8.10626	0.998837
Fe2.2450	Fe3.13154	0.998737
Fe3.9114	Fe3.13367	0.998544
Fe1.10158	Fe7.9993	0.997928
Fe3.143	Fe4.14260	0.997602
Fe5.14266	Fe6.1407	0.997567
Fe3.8601	Fe5.1668	0.997469
Fe1.12579	Fe8.10414	0.99746
Fe3.2855	Fe7.12168	0.997448
Fe4.11443	Fe6.11179	0.997283
Fe2.468	Fe2.3243	0.997012
Fe4.4468	Fe6.9399	0.996937

HiC_scaffold_5_1	iC_scaffold_5_38	0.326309
Ft3.4975	Ft8.524	0.325978
Ft1.2387	Ft2.6469	0.325498
Ft2.1621	Ft2.2713	0.325371
Ft4.2081	Ft4.5409	0.325193
Ft2.1642	Ft2.2079	0.325174
Ft2.2392	Ft6.2281	0.324548
Ft3.4094	Ft8.461	0.324395
Ft2.1267	Ft4.476	0.324233
Ft2.3654	Ft3.4618	0.323897
Ft2.592	Ft7.4948	0.323772
Ft2.5901	Ft4.3729	0.32342
Ft2.1024	Ft7.1740	0.32311
Ft2.311	Ft7.1648	0.322346
Ft7.1150	Ft7.1730	0.322286
Ft2.2697	Ft8.605	0.321602
Ft7.4753	Ft7.4976	0.320863
Ft2.5849	Ft7.3754	0.320718
Ft4.17	Ft7.2198	0.320449
Ft4.1925	Ft8.654	0.320216
Ft3.913	Ft6.871	0.31974
Ft2.766	Ft4.3304	0.319462
Ft3.1881	Ft6.2083	0.319443
Ft3.590	Ft3.1353	0.319039
Ft2.6469	Ft3.1520	0.319021
Ft2.5951	Ft3.1353	0.318405
HiC_scaffold_5_(	iC_scaffold_5_34	0.31808
Ft2.1252	Ft2.1817	0.317545
Ft2.3917	Ft2.5755	0.317337
Ft2.844	Ft2.2898	0.317091
Ft2.2520	Ft7.5016	0.316915
Ft3.5041	Ft3.5351	0.316418
HiC_scaffold_5_1	iC_scaffold_5_35	0.316347
HiC_scaffold_5_2	iC_scaffold_5_34	0.316347
Ft2.4596	Ft7.4875	0.315995
Ft3.1520	Ft8.3940	0.315427
Ft3.2828	Ft4.4846	0.315325
Ft6.2268	Ft8.1552	0.31514
Ft3.3263	Ft8.1273	0.314431
Ft3.3821	Ft7.2136	0.314058
Ft6.2268	Ft7.1269	0.314056
Ft6.3198	Ft7.4994	0.313915
HiC_scaffold_5_[	iC_scaffold_5_18	0.313825
Ft2.2583	Ft4.4911	0.313329
HiC_scaffold_5_(	iC_scaffold_5_34	0.313028
Ft4.2636	Ft7.393	0.313018
Ft3.3892	Ft8.1529	0.311472
HiC_scaffold_5_2	iC_scaffold_5_27	0.311294
Ft8.704	Ft8.3795	0.310989
Ft8.2403	Ft8.2809	0.310275
Ft3.2828	Ft4.3394	0.310062
Ft3.3449	Ft8.1273	0.30986
HiC_scaffold_5_1	iC_scaffold_5_33	0.309811
Ft2.889	Ft8.3294	0.309726
Ft1.2889	Ft7.2372	0.308953

Fe2.11294	Fe4.11895	0.996936
Fe2.9244	Fe4.2020	0.996932
Fe2.10444	Fe5.3168	0.99682
Fe4.10836	Fe6.1527	0.996572
Fe3.9962	Fe4.6042	0.996562
Fe1.13976	Fe6.4371	0.996506
Fe2.10221	Fe3.13371	0.99647
Fe3.13544	Fe5.1824	0.996328
Fe6.6339	Fe7.3633	0.996162
Fe2.12742	Fe4.4743	0.996098
Fe1.8898	Fe3.7455	0.995878
Fe1.2633	Fe6.4451	0.995768
Fe5.11851	Fe7.281	0.99561
Fe3.9013	Fe8.8054	0.995593
Fe3.1096	Fe7.4190	0.995344
Fe2.267	Fe2.6452	0.995329
Fe2.5038	Fe8.4294	0.995255
Fe3.678	Fe6.367	0.995055
Fe2.13257	Fe3.12975	0.994963
Fe3.813	Fe6.10373	0.994612
Fe1.12150	Fe4.13373	0.994229
Fe1.2385	Fe6.4231	0.994192
Fe2.8822	Fe5.9103	0.994167
Fe1.3329	Fe5.5777	0.994166
Fe4.11554	Fe6.9494	0.99405
Fe1.10073	Hic.scaffold.10.484	0.993866
Fe4.2815	Fe8.11291	0.993763
Fe2.10624	Fe4.2274	0.99323
Fe2.2577	Fe4.8406	0.993228
Fe1.10100	Fe2.2252	0.993064
Fe4.11554	Fe5.10742	0.992997
Fe3.80	Fe8.622	0.992989
Fe1.13504	Fe6.3372	0.992579
Fe2.269	Fe2.6513	0.992515
Fe5.3356	Fe5.9103	0.992504
Fe3.9125	Fe6.5572	0.992409
Fe7.11828	Fe8.3444	0.992057
Fe2.5038	Fe4.8742	0.991945
Fe2.10712	Fe2.12991	0.991937
Fe5.2318	Fe5.6418	0.991926
Fe2.10439	Fe4.2233	0.991865
Fe4.6159	Fe8.4007	0.991763
Fe3.2681	Fe7.12451	0.991751
Fe1.13737	Fe4.13814	0.99171
Fe3.62	Fe8.589	0.991644
Fe2.521	Fe3.11950	0.991631
Fe4.14417	Fe8.10618	0.991551
Fe2.1556	Fe5.1155	0.991527
Fe1.13759	Fe6.3173	0.991396
Fe2.11265	Fe7.465	0.991024
Fe1.1603	Hic.scaffold.13.215	0.99063
Fe4.1265	Fe4.4037	0.990478
Fe2.2301	Fe7.8077	0.990458
Fe4.14215	Fe8.446	0.990245
Fe2.524	Fe5.1891	0.990064

HiC_scaffold_5_1	iC_scaffold_5_27	0.308206
Ft7.969	Ft7.3045	0.308039
Ft3.1474	Ft7.2986	0.308033
Ft3.590	Ft3.1520	0.307924
Ft4.2706	Ft4.2806	0.307867
Ft2.5901	Ft4.4327	0.307785
HiC_scaffold_5_1	iC_scaffold_5_34	0.307073
Ft2.4525	Ft2.5609	0.307015
Ft4.3782	Ft7.2652	0.306871
Ft2.2927	Ft3.1380	0.30683
Ft7.2920	Ft8.3940	0.306608
Ft3.5490	Ft7.1879	0.306595
Ft4.2972	Ft4.4320	0.306517
Ft2.671	Ft8.1552	0.306298
HiC_scaffold_5_2	iC_scaffold_5_33	0.306247
Ft3.4387	Ft4.3212	0.305802
Ft2.4627	Ft2.5755	0.305619
Ft2.411	Ft7.1623	0.305612
Ft3.3821	Ft6.2529	0.305515
Ft3.4890	Ft8.3024	0.305326
Ft2.2359	Ft7.892	0.305257
Ft3.4248	Ft3.4516	0.30475
Ft2.1857	Ft4.2155	0.30456
Ft4.4276	Ft7.2094	0.304439
Ft2.411	Ft3.5490	0.304437
Ft2.863	Ft8.264	0.304421
Ft5.1708	HiC.scaffold.5.174	0.304175
HiC_scaffold_5_1	iC_scaffold_5_28	0.30392
Ft7.144	Ft7.2296	0.303391
Ft6.980	Ft6.2829	0.302904
Ft4.4782	Ft4.4801	0.30264
Ft2.5167	Ft7.4103	0.30258
HiC_scaffold_5_1	iC_scaffold_5_19	0.302387
Ft2.1039	Ft7.2540	0.302377
Ft2.2697	Ft7.4994	0.301914
Ft2.5951	Ft3.1861	0.301553
Ft3.879	Ft7.3094	0.301442
Ft4.4788	HiC.scaffold.5.343	0.301147
Ft2.4447	Ft3.5510	0.30105
Ft4.4149	Ft8.3611	0.301011
Ft6.1404	Ft7.4995	0.300999
Ft3.3180	Ft6.636	0.300734
Ft2.5194	Ft3.1861	0.3006
Ft3.281	Ft4.4320	0.299979
Ft2.662	Ft3.5510	0.299939
Ft3.3236	Ft4.4276	0.299792
Ft2.2500	Ft4.4313	0.299773
Ft2.925	Ft2.3627	0.299368
Ft3.1624	Ft4.17	0.298755
Ft7.3754	Ft8.3940	0.298608
HiC_scaffold_5_1	iC_scaffold_5_37	0.298565
HiC_scaffold_5_1	iC_scaffold_5_39	0.298284
Ft2.2270	Ft7.3912	0.298233
Ft7.2148	Ft8.872	0.297883
Ft3.1216	Ft8.3577	0.297805

Fe2.11194	Fe2.13531	0.989905
Fe6.6430	Fe8.4415	0.989719
Fe2.9324	Fe4.12981	0.989335
Fe1.2924	Fe6.11184	0.989103
Fe4.1934	Fe6.10301	0.98876
Fe2.4346	Fe7.11598	0.988465
Fe2.14063	Fe8.11296	0.988449
Fe5.12261	Fe7.1901	0.988244
Fe3.14134	Fe5.9062	0.988048
Fe2.179	Fe2.6290	0.988008
Fe3.4479	Fe5.13025	0.987898
Fe1.9875	Fe7.12460	0.987887
Fe3.13780	Fe4.2260	0.987783
Fe1.892	Fe6.3105	0.987711
Fe1.2752	Fe1.13912	0.987647
Fe6.6340	Fe7.6414	0.987323
Fe5.7667	Hic.scaffold.9.332	0.987302
Fe7.9796	Fe8.3746	0.987268
Fe5.6198	Fe8.9047	0.987184
Fe4.9451	Fe5.5412	0.986884
Fe7.11576	Fe8.5741	0.986454
Fe1.13145	Fe5.12694	0.986234
Fe4.3895	Fe6.1881	0.985859
Fe1.8816	Fe5.3273	0.985853
Fe1.10072	Hic.scaffold.10.462	0.985714
Fe2.12820	Fe4.5328	0.985652
Fe3.1044	Fe6.3358	0.985375
Fe5.14400	Fe7.13313	0.985281
Fe2.8933	Fe4.1936	0.984703
Fe3.13356	Fe7.3148	0.984645
Fe2.8871	Fe3.7896	0.984502
Fe2.2577	Fe7.6855	0.9845
Fe2.13560	Fe2.14107	0.984493
Fe4.561	Fe4.12904	0.984175
Fe1.4301	Fe7.1409	0.984143
Fe2.3106	Fe7.9796	0.984125
Fe1.6219	Fe6.9702	0.983972
Fe2.10222	Fe5.8911	0.98393
Fe3.14477	Fe5.9465	0.983878
Fe1.901	Fe6.3110	0.983582
Fe4.8406	Fe4.11027	0.983353
Fe5.11974	Fe7.39	0.983227
Fe1.10099	Fe7.6377	0.983125
Fe1.1645	Fe6.3749	0.983112
Fe4.8463	Fe5.5304	0.983013
Fe3.9363	Fe6.5989	0.982847
Fe1.9997	Fe5.6997	0.982631
Fe3.14252	Fe5.9205	0.982544
Fe2.7678	Fe5.4436	0.982229
Fe5.11737	Fe6.2984	0.982224
Fe1.14017	Fe6.4234	0.982131
Fe2.11684	Fe8.11242	0.981726
Fe4.1808	Fe6.9985	0.981027
Fe4.11293	Fe6.6691	0.981014
Fe6.1970	Fe8.8774	0.980457
Ft3.5311	Ft7.3064	0.297751
HiC_scaffold_5_1	iC_scaffold_5_26	0.29756
Ft2.5232	Ft7.1184	0.297361
Ft7.3094	Ft8.632	0.297222
Ft2.5385	Ft7.2540	0.296996
HiC_scaffold_5_1	iC_scaffold_5_24	0.296938
HiC_scaffold_5_1	iC_scaffold_5_36	0.296868
Ft3.4973	Ft8.1384	0.296207
Ft2.411	Ft4.2157	0.296177
Ft3.4867	Ft4.726	0.296136
Ft2.596	Ft3.1627	0.296097
Ft7.3754	Ft8.3878	0.296062
HiC_scaffold_5_1	iC_scaffold_5_36	0.296052
Ft2.2561	Ft8.3712	0.295942
Ft4.4790	HiC.scaffold.5.383	0.295512
Ft2.2551	Ft3.4825	0.295357
HiC_scaffold_5_1	iC_scaffold_5_26	0.294671
Ft4.3028	Ft7.2715	0.294556
Ft2.671	Ft3.5510	0.294363
Ft2.2898	Ft3.3449	0.29389
Ft3.3290	Ft7.3348	0.293144
Ft2.6069	Ft2.6408	0.29309
HiC_scaffold_5_1	iC_scaffold_5_34	0.292999
Ft2.2502	Ft6.3406	0.292673
Ft3.4973	Ft8.2537	0.292558
Ft3.1861	Ft3.5490	0.292246
Ft4.726	Ft7.1052	0.291949
Ft2.2160	Ft3.3592	0.291921
HiC_scaffold_5_1	iC_scaffold_5_33	0.291569
Ft3.4033	Ft8.4571	0.29135
Ft3.1353	Ft3.2828	0.291057
Ft2.1883	Ft4.4320	0.290985
Ft7.2858	Ft8.462	0.290662
Ft2.2515	Ft4.3992	0.290042
Ft3.2441	Ft8.3878	0.289722
Ft3.4990	Ft7.3046	0.28972
Ft4.4800	HiC.scaffold.5.389	0.289268
HiC_scaffold_5_2	iC_scaffold_5_38	0.289268
HiC_scaffold_5_1	iC_scaffold_5_38	0.289268
HiC_scaffold_5_1	iC_scaffold_5_37	0.289242
Ft2.2714	Ft3.2111	0.28922
Ft2.969	Ft7.1610	0.288913
HiC_scaffold_5_3	iC_scaffold_5_38	0.288768
Ft2.411	Ft7.920	0.288636
Ft2.889	Ft3.1380	0.288452
Ft7.1243	Ft7.2149	0.288347
Ft3.1353	Ft3.1907	0.288082
HiC_scaffold_5_1	iC_scaffold_5_37	0.287884
Ft4.814	Ft4.2036	0.287786
Ft3.4154	Ft7.1648	0.287728
Ft2.2879	Ft2.6069	0.287633
Ft3.2104	Ft7.2363	0.287273
Ft2.5869	Ft8.1238	0.28724
Ft3.3950	Ft3.4190	0.286842
Ft2.844	Ft7.1184	0.286682

Fe3.5010	Fe4.3352	0.98027
Fe2.267	Fe6.20	0.98009
Fe4.6828	Fe7.9796	0.980041
Fe2.4386	Fe6.126	0.979804
Fe1.4147	Fe7.3081	0.979688
Fe3.12327	Fe4.9515	0.979632
Fe1.4482	Fe8.5463	0.979617
Fe2.11467	Fe6.11417	0.979414
Fe1.12032	Fe3.9813	0.9789
Fe2.1232	Fe4.451	0.978829
Fe3.2092	Fe7.1496	0.978556
Fe1.13330	Fe6.8037	0.978533
Fe3.9792	Fe7.11687	0.978289
Fe7.627	Fe8.9209	0.978283
Fe5.11765	Fe7.11231	0.978277
Fe2.362	Fe8.10029	0.977879
Fe5.6870	Fe7.5320	0.977748
Fe5.2279	Fe5.2464	0.977628
Fe1.2485	Fe3.9943	0.977312
Fe4.14074	Fe6.477	0.977294
Fe1.287	Fe2.12126	0.977187
Fe3.390	Fe8.11924	0.977061
Fe2.7213	Fe3.12631	0.976942
Fe2.1200	Fe3.11990	0.976846
Fe6.2287	Fe7.2935	0.976775
Fe2.5169	Fe6.79	0.976738
Fe7.6936	Fe7.11335	0.976521
Fe5.10530	Fe8.10719	0.976418
Fe1.11219	Fe4.13076	0.976302
Fe1.5307	Fe2.12475	0.976227
Fe4.9661	Fe4.10759	0.976202
Fe8.4427	Fe8.5110	0.9762
Fe2.12838	Fe4.5820	0.976117
Fe2.13801	Fe2.14170	0.975875
Fe1.10152	Fe4.12393	0.975624
Fe1.12648	Hic.scaffold.12.144	0.975528
Fe3.4072	Fe3.7040	0.975441
Fe6.697	Fe8.10617	0.975308
Fe4.6042	Fe6.5915	0.97529
Fe1.2107	Fe4.11656	0.975211
Fe6.8334	Fe7.3724	0.975106
Fe2.4138	Fe8.5464	0.975024
Fe1.7329	Fe6.9837	0.974943
Fe5.4709	Fe7.6653	0.974827
Fe1.2613	Fe5.2065	0.97463
Fe3.4760	Fe6.6228	0.973965
Fe1.14236	Fe4.11946	0.973923
Fe3.12037	Fe4.2975	0.973818
Fe4.3679	Fe7.3939	0.973785
Fe2.9641	Fe2.13192	0.973628
Fe2.13382	Fe5.8964	0.973622
Fe4.6000	Fe7.7282	0.973336
Fe2.13673	Fe4.2713	0.973292
Fe5.2360	Fe6.8490	0.973195
Fe4.574	Fe4.12855	0.972985
Ft3.5510	Ft7.2920	0.286619
HiC_scaffold_5_1	iC_scaffold_5_34	0.286317
HiC_scaffold_5_1	iC_scaffold_5_34	0.286196
Ft6.2758	Ft7.3021	0.28619
Ft3.1380	Ft8.1695	0.286181
Ft3.939	Ft3.5589	0.28616
HiC_scaffold_5_1	iC_scaffold_5_40	0.285958
Ft4.5650	Ft7.3115	0.285793
HiC_scaffold_5_(	iC_scaffold_5_34	0.285155
Ft3.1861	Ft4.914	0.284875
Ft2.1761	Ft2.2561	0.284565
HiC_scaffold_5_(	iC_scaffold_5_19	0.284532
Ft3.4208	Ft8.3370	0.284502
HiC_scaffold_5_1	iC_scaffold_5_38	0.284279
Ft2.889	Ft2.5601	0.28384
Ft2.1458	Ft2.1547	0.283303
Ft3.1319	Ft7.1094	0.282881
Ft2.6440	Ft7.893	0.282707
Ft7.2891	Ft7.4875	0.282638
Ft2.2697	Ft6.3198	0.282624
Ft3.1380	Ft6.1939	0.282471
Ft3.3236	Ft4.2036	0.281556
Ft6.3334	Ft8.844	0.281349
Ft2.2714	Ft4.814	0.281039
HiC_scaffold_5_1	iC_scaffold_5_37	0.280644
Ft3.321	Ft8.4721	0.280207
Ft3.2967	Ft3.4776	0.280173
Ft3.5510	Ft4.786	0.279867
HiC_scaffold_5_(	iC_scaffold_5_34	0.279467
Ft2.2618	Ft3.1353	0.27929
Ft7.410	Ft7.612	0.279279
Ft3.3620	Ft8.444	0.279164
Ft3.2752	Ft4.3328	0.278603
Ft2.5194	Ft4.726	0.27848
Ft7.3115	Ft8.1821	0.27817
Ft4.2871	Ft8.1496	0.27767
Ft4.786	Ft7.475	0.277564
Ft3.4201	Ft8.225	0.276726
Ft2.5951	Ft3.1380	0.276625
Ft2.833	Ft3.1564	0.276585
Ft2.4865	Ft2.5866	0.276389
Ft4.901	Ft8.2405	0.276254
HiC_scaffold_5_1	iC_scaffold_5_26	0.275276
Ft4.4801	HiC.scaffold.5.206	0.27512
Ft4.4792	HiC.scaffold.5.176	0.274943
Ft8.264	Ft8.3366	0.274576
Ft2.205	Ft3.721	0.274118
Ft4.4779	HiC.scaffold.5.209	0.273748
Ft2.6214	Ft2.6497	0.273737
Ft4.786	Ft8.3940	0.273712
Ft2.904	Ft3.1216	0.273589
Ft3.5334	Ft7.759	0.273523
Ft2.5020	Ft8.1662	0.273509
Ft2.931	Ft3.4211	0.273066
HiC_scaffold_5_2	iC_scaffold_5_34	0.27256

Fe5.14414	Fe7.13407	0.972848
Fe4.1415	Fe8.8315	0.972723
Fe3.9792	Hic.scaffold.9.270	0.972644
Fe5.7578	Fe7.12784	0.97247
Fe5.11503	Fe7.222	0.972033
Fe6.2497	Fe8.719	0.97201
Fe2.8719	Fe4.11380	0.971812
Fe2.12854	Fe4.5961	0.971808
Fe1.6928	Fe4.4881	0.971695
Fe3.9114	Fe8.8010	0.971598
Fe2.9756	Fe8.10927	0.97159
Fe5.7386	Fe6.9419	0.97153
Fe3.13154	Fe6.8334	0.971377
Fe1.9512	Fe6.9419	0.97135
Fe2.538	Fe5.1862	0.971122
Fe2.11972	Fe4.597	0.971058
Fe4.5446	Fe6.6430	0.970882
Fe1.7583	Fe7.11142	0.970821
Fe3.13974	Fe6.5135	0.970505
Fe5.6155	Fe5.8013	0.970475
Fe3.12016	Fe7.11738	0.970069
Fe2.10363	Fe6.3172	0.97002
Fe3.3227	Fe7.11294	0.969999
Fe1.3914	Fe4.8228	0.969956
Fe2.5146	Fe6.81	0.969932
Fe5.10758	Fe7.373	0.969854
Fe5.11955	Fe7.5943	0.969729
Fe2.10134	Fe5.13462	0.969316
Fe1.11818	Fe3.11785	0.968893
Fe1.907	Fe6.3120	0.96874
Fe1.10830	Fe2.188	0.968616
Fe2.7896	Fe8.3656	0.96821
Fe5.89	Hic.scaffold.9.649	0.968143
Fe1.9894	Fe5.764	0.967903
Fe4.3797	Fe8.12133	0.967506
Fe1.5781	Fe4.5755	0.96731
Fe2.5303	Fe2.9499	0.967274
Fe3.6522	Fe8.732	0.967133
Fe4.6101	Fe5.3114	0.966846
Fe6.11418	Fe7.12491	0.966417
Fe5.2464	Fe6.8422	0.966086
Fe1.7426	Fe7.6936	0.96604
Fe1.4755	Fe6.7166	0.966004
Fe4.3888	Fe8.9644	0.965697
Fe3.9602	Fe8.4076	0.965542
Fe3.9792	Fe7.9776	0.965366
Fe2.2590	Fe8.2555	0.96534
Fe6.5554	Fe7.7065	0.965051
Fe1.3335	Fe5.7191	0.965039
Fe2.2560	Fe5.12591	0.964991
Fe3.3504	Fe3.7618	0.964688
Fe3.9249	Fe6.5572	0.964469
Fe2.13534	Fe2.14131	0.964446
Fe3.11902	Fe5.1850	0.96421
Fe1.72	Fe6.2397	0.964034
HiC_scaffold_5_	iC_scaffold_5_27	0.272455
Ft6.1734	Ft7.4993	0.272278
Ft4.4881	Ft6.160	0.271902
Ft3.1436	Ft4.4327	0.271467
Ft4.4802	HiC.scaffold.5.185	0.271378
Ft3.2828	Ft3.5510	0.271299
Ft2.2898	Ft4.80	0.271131
Ft3.853	Ft4.358	0.270909
Ft2.106	Ft3.1249	0.270846
Ft6.1404	Ft7.2122	0.270368
Ft3.5351	Ft7.2715	0.269735
Ft7.393	Ft8.1284	0.269447
Ft4.4327	Ft8.2405	0.269185
Ft4.3782	Ft7.2935	0.269171
Ft2.2835	Ft8.5151	0.268909
Ft3.2828	Ft8.4852	0.267839
Ft2.1103	Ft7.1859	0.26783
Ft2.2378	Ft4.369	0.267359
Ft3.5510	Ft7.1052	0.267096
Ft2.889	Ft7.4906	0.266781
Ft2.961	Ft2.6469	0.266587
Ft7.3210	Ft8.2537	0.266469
Ft7.2087	Ft8.1745	0.266229
Ft2.1857	Ft3.4208	0.266196
Ft7.920	Ft8.2390	0.266161
Ft2.833	Ft4.2157	0.265977
Ft2.1883	Ft2.5849	0.265765
Ft3.5569	Ft6.1044	0.265578
Ft4.2972	Ft7.3278	0.265417
Ft2.546	Ft3.1281	0.26509
Ft3.913	Ft7.920	0.264744
HiC_scaffold_5_	iC_scaffold_5_20	0.264618
HiC_scaffold_5_	iC_scaffold_5_37	0.264568
Ft7.1623	Ft7.3943	0.264393
Ft3.913	Ft4.786	0.264388
Ft4.4803	HiC.scaffold.5.147	0.264368
Ft3.3758	Ft8.1415	0.264286
Ft8.524	Ft8.605	0.264277
Ft2.6469	Ft7.1623	0.263967
Ft2.5609	Ft7.3094	0.263889
Ft2.473	Ft7.2251	0.26293
Ft7.2148	Ft7.2925	0.262841
Ft2.2697	Ft4.2936	0.262698
Ft2.2391	Ft2.5221	0.262287
Ft3.1318	Ft7.2986	0.261661
Ft6.2846	Ft7.4994	0.261238
Ft2.2378	Ft3.879	0.260985
Ft2.5910	Ft3.1353	0.260911
Ft4.2706	Ft7.3064	0.260619
Ft3.2084	Ft7.1322	0.260403
Ft4.3394	Ft7.1879	0.260218
Ft2.3302	Ft3.2777	0.259944
Ft4.4782	HiC.scaffold.5.191	0.259915
HiC_scaffold_5_	iC_scaffold_5_24	0.259606
Ft4.4788	HiC.scaffold.5.387	0.259586

Fe7.317	Fe8.8242	0.96399
Fe5.4134	Fe5.8797	0.963853
Fe5.2547	Fe6.8380	0.963799
Fe5.12790	Fe7.3508	0.963358
Fe1.7337	Fe8.678	0.962828
Fe4.11587	Fe6.4194	0.962734
Fe6.756	Fe8.9785	0.962487
Fe3.10615	Fe8.6848	0.96239
Fe2.3020	Fe5.13512	0.962164
Fe5.11782	Fe7.8199	0.962083
Fe2.13825	Fe7.12691	0.961823
Fe6.763	Fe8.9812	0.96157
Fe2.5085	Fe4.7846	0.961399
Fe6.162	Fe7.2525	0.961279
Fe6.9702	Fe8.664	0.961172
Fe1.10153	Fe6.8368	0.961007
Fe2.1623	Fe8.2539	0.960984
Fe6.5989	Fe8.4104	0.960981
Fe2.3539	Fe5.8891	0.960703
Fe2.10603	Fe3.13805	0.960679
Fe2.13795	Fe2.14162	0.960218
Fe3.9225	Fe6.10261	0.959688
Fe1.11682	Fe4.13199	0.959608
Fe5.11955	Hic.scaffold.9.406	0.959095
Fe7.7425	Fe7.11049	0.959048
Fe1.4046	Fe8.5129	0.959009
Fe1.3094	Fe8.1555	0.958802
Fe5.14334	Fe6.1512	0.958589
Fe2.2668	Fe4.1189	0.95857
Fe6.3570	Hic.scaffold.9.361	0.95833
Fe2.10781	Fe6.3358	0.958292
Fe4.4596	Fe6.10560	0.958251
Fe1.10029	Fe8.9770	0.958204
Fe3.7618	Fe7.3277	0.958115
Fe8.10005	Fe8.11539	0.958015
Fe6.700	Hic.scaffold.11.133	0.957968
Fe1.10548	Fe4.676	0.957671
Fe3.7618	Fe8.732	0.95763
Fe1.473	Fe4.13569	0.957424
Fe6.10493	Fe8.6402	0.957111
Fe1.10721	Fe4.12877	0.956746
Fe3.2954	Fe7.12005	0.956607
Fe2.2355	Fe8.10574	0.956578
Fe6.895	Fe8.10211	0.95654
Fe3.13423	Fe6.3708	0.956427
Fe1.8092	Fe3.6667	0.956359
Fe5.6085	Fe6.12124	0.956191
Fe5.8827	Fe6.11384	0.955663
Fe5.14316	Fe7.12427	0.95563
Fe6.7341	Fe7.11091	0.955624
Fe2.12835	Fe3.9114	0.955309
Fe5.4793	Fe5.13035	0.955251
Fe2.13229	Fe8.10888	0.955038
Fe1.11775	Fe4.8156	0.954975
Fe5.13035	Fe6.12187	0.954477
Ft2.2618	Ft7.3278	0.259427
Ft3.4076	Ft8.4534	0.258801
Ft2.5951	Ft4.2972	0.258624
Ft3.4575	Ft4.1215	0.258522
Ft4.2705	Ft6.2598	0.258134
Ft3.3263	Ft7.1184	0.258077
Ft2.1876	Ft7.602	0.257988
Ft4.2157	Ft8.1821	0.25727
HiC_scaffold_5_2	iC_scaffold_5_24	0.257033
Ft5.1718	HiC.scaffold.5.388	0.256949
Ft7.2086	Ft7.3868	0.256739
Ft4.5472	Ft7.1068	0.256718
Ft3.3403	Ft4.3847	0.256636
Ft2.201	Ft4.5472	0.256209
Ft2.4447	Ft7.3115	0.256094
HiC_scaffold_5_1	iC_scaffold_5_35	0.255758
Ft3.4154	Ft8.2565	0.25574
Ft3.3278	Ft7.3321	0.255542
Ft2.2697	Ft2.3058	0.255482
Ft4.4777	HiC.scaffold.5.200	0.255049
Ft4.885	Ft8.1821	0.254806
HiC_scaffold_5_1	iC_scaffold_5_28	0.254498
Ft7.920	Ft8.3940	0.25444
Ft2.6469	Ft8.1552	0.253831
Ft2.3037	Ft8.1284	0.253516
Ft3.1984	Ft3.3449	0.253489
Ft4.2155	Ft7.2213	0.253117
Ft2.2898	Ft3.1413	0.252977
Ft2.449	Ft7.2474	0.252917
Ft6.2407	Ft7.3728	0.252597
Ft1.365	Ft5.2175	0.252272
Ft2.889	Ft2.5849	0.252014
Ft2.411	Ft8.492	0.250839
Ft2.1039	Ft2.1347	0.250477
Ft3.1474	Ft3.3404	0.250387
Ft3.1351	Ft4.4247	0.250386
Ft2.793	Ft2.5504	0.249489
Ft4.4881	Ft6.3334	0.249272
Ft7.146	Ft7.2282	0.248585
Ft7.1740	Ft7.2002	0.247722
Ft3.1861	Ft4.786	0.247391
Ft4.1153	Ft6.2268	0.247371
Ft2.5951	Ft7.2540	0.246925
HiC_scaffold_5_1	iC_scaffold_5_21	0.24653
Ft2.5740	Ft4.914	0.246317
HiC_scaffold_5_1	iC_scaffold_5_39	0.246295
Ft3.5569	Ft6.871	0.246147
Ft7.1648	Ft8.4237	0.245851
Ft4.914	Ft4.2081	0.245575
Ft3.4798	Ft8.3878	0.245205
Ft2.4525	Ft8.225	0.24512
Ft4.4802	HiC.scaffold.5.123	0.245084
Ft3.3403	Ft8.750	0.244663
Ft3.1125	Ft6.435	0.244584
Ft3.4798	Ft7.2540	0.243723

Fe4.5602	Fe7.11405	0.954145
Fe3.6640	Fe5.7337	0.953763
Fe2.1029	Fe8.5307	0.953728
Fe1.5125	Fe7.3599	0.953529
Fe1.8950	Fe4.961	0.953468
Fe1.1485	Fe5.2878	0.953461
Fe2.10363	Fe3.9410	0.953373
Fe2.13554	Fe2.14112	0.95335
Fe2.12507	Hic.scaffold.9.79	0.953222
Fe2.10219	Fe5.3750	0.953155
Fe1.9872	Fe5.6857	0.952881
Fe1.2500	Fe4.11697	0.952805
Fe5.1512	Fe7.3451	0.952613
Fe6.9851	Fe7.6414	0.952557
Fe1.4499	Fe7.1570	0.952148
Fe6.2645	Fe6.3582	0.951971
Fe2.12601	Fe4.4336	0.951888
Fe1.620	Fe8.10689	0.951575
Fe1.1898	Fe1.14162	0.951012
Fe1.2507	Fe3.4988	0.950487
Fe2.2767	Fe4.1242	0.950275
Fe1.14362	Fe3.2153	0.949713
Fe3.12037	Fe7.11828	0.949591
Fe2.1556	Fe3.2010	0.949348
Fe3.5763	Fe3.8743	0.949136
Fe1.8574	Fe8.8817	0.948923
Fe2.9818	Fe2.13235	0.948857
Fe5.12142	Fe5.13992	0.948631
Fe2.14290	Fe8.12046	0.948504
Fe2.11366	Fe6.4413	0.948425
Fe2.13572	Fe4.3469	0.948376
Fe2.1382	Fe7.605	0.948274
Fe2.5085	Fe3.8823	0.948268
Fe1.10158	Fe8.4415	0.947871
Fe6.10915	Fe7.1185	0.947844
Fe5.13076	Fe6.318	0.94774
Fe4.10224	Fe5.5595	0.947683
Fe3.5714	Fe8.4611	0.947661
Fe7.465	Hic.scaffold.10.458	0.947572
Fe6.1266	Fe8.3074	0.947337
Fe3.8186	Fe4.8504	0.947272
Fe2.1422	Fe4.490	0.947217
Fe2.9312	Fe7.2663	0.947206
Fe5.6666	Fe7.12879	0.947029
Fe1.2342	Fe4.8299	0.946806
Fe6.5477	Fe6.9419	0.946763
Fe6.1512	Fe7.12944	0.946521
Fe2.3415	Fe5.4088	0.945993
Fe3.12037	Fe8.10810	0.945943
Fe4.8047	Fe7.3642	0.945818
Fe8.4182	Fe8.6474	0.945755
Fe3.10261	Fe8.11803	0.945092
Fe5.3186	Fe5.12409	0.944959
Fe2.3243	Hic.scaffold.10.245	0.944751
Fe5.8621	Fe7.7415	0.944738
Ft2.793	Ft3.1414	0.242729
HiC_scaffold_5_1	iC_scaffold_5_38	0.242646
Ft8.1260	Ft8.3296	0.242622
Ft7.1277	Ft7.2213	0.242491
Ft6.2472	Ft7.4651	0.242461
Ft4.3847	Ft7.2465	0.24217
HiC_scaffold_5_1	iC_scaffold_5_15	0.241829
Ft3.3892	Ft7.2122	0.241589
Ft3.2537	Ft3.3396	0.241488
Ft6.1044	Ft6.2268	0.241311
Ft2.2636	Ft8.3837	0.240968
Ft3.1380	Ft7.1068	0.240953
Ft7.393	Ft8.3478	0.240875
Ft7.4510	Ft8.2390	0.240449
Ft2.2324	Ft7.3912	0.239576
Ft2.2754	Ft3.3592	0.239527
Ft2.201	Ft3.913	0.239458
HiC_scaffold_5_1	iC_scaffold_5_23	0.239193
HiC_scaffold_5_1	iC_scaffold_5_26	0.23893
Ft4.3808	Ft8.3370	0.238735
Ft3.1246	Ft7.4344	0.238684
Ft2.1883	Ft7.2920	0.238198
Ft4.216	Ft7.145	0.237726
Ft2.5951	Ft4.4320	0.237554
HiC_scaffold_5_1	iC_scaffold_5_19	0.237482
HiC_scaffold_5_1	iC_scaffold_5_37	0.237482
HiC_scaffold_5_1	iC_scaffold_5_37	0.237482
Ft4.2636	Ft7.1730	0.237473
Ft2.5910	Ft8.4571	0.237103
Ft2.3137	Ft6.3087	0.237077
Ft2.5740	Ft7.475	0.236981
Ft2.6408	Ft8.1638	0.236803
Ft2.2618	Ft8.1552	0.236659
Ft2.2856	Ft2.6069	0.236435
Ft4.5409	Ft7.4765	0.236228
Ft3.1414	Ft4.4329	0.23604
HiC_scaffold_5_1	iC_scaffold_5_24	0.235667
Ft7.920	Ft8.1695	0.235564
Ft3.2450	Ft4.4142	0.235486
Ft2.833	Ft7.393	0.235386
Ft3.1380	Ft7.475	0.235364
Ft2.5221	Ft2.5445	0.235361
Ft7.1052	Ft8.1821	0.235228
Ft4.4777	HiC.scaffold.5.399	0.234972
HiC_scaffold_5_1	iC_scaffold_5_39	0.234824
Ft4.2636	Ft7.1150	0.234773
HiC_scaffold_5_1	iC_scaffold_5_26	0.234639
Ft6.1939	Ft8.3478	0.234345
Ft2.5951	Ft3.913	0.234065
Ft4.5660	Ft7.2655	0.234023
Ft4.1629	Ft8.1454	0.233319
HiC_scaffold_5_1	iC_scaffold_5_38	0.233278
Ft2.3114	Ft7.1651	0.233103
Ft3.1932	Ft7.1649	0.232978
Ft6.2200	Ft7.3094	0.232685

Fe2.8871	Fe4.6220	0.944117
Fe6.2628	Fe8.8614	0.943818
Fe8.10881	Hic.scaffold.9.749	0.943781
Fe6.5570	Fe7.7000	0.943709
Fe6.3708	Fe7.1835	0.943383
Fe7.6936	Fe8.2825	0.94331
Fe2.8449	Fe7.6999	0.943141
Fe4.13601	Fe8.12198	0.942948
Fe2.10601	Fe4.13599	0.942797
Fe1.13737	Fe4.13831	0.942702
Fe7.11394	Fe8.4724	0.94262
Fe1.7426	Fe8.5110	0.942587
Fe3.11235	Fe7.4297	0.942495
Fe4.2975	Fe8.3444	0.942431
Fe5.8013	Fe8.4427	0.942162
Fe2.10957	Fe5.13025	0.941991
Fe4.5271	Fe8.9214	0.94189
Fe2.13841	Fe8.7199	0.94138
Fe1.7329	Fe3.7618	0.941312
Fe2.4755	Fe3.10391	0.941309
Fe1.14228	Fe4.11940	0.941136
Fe1.2099	Fe6.4056	0.941126
Fe1.13171	Fe2.13432	0.941111
Fe1.2365	Fe1.14024	0.941068
Fe4.12673	Fe7.11405	0.940823
Fe4.4910	Fe4.11813	0.940736
Fe1.1644	Fe6.3718	0.940687
Fe5.14513	Fe7.2698	0.940527
Fe1.14127	Fe6.3993	0.940005
Fe3.14129	Fe4.2374	0.939974
Fe8.10618	Hic.scaffold.11.130	0.939867
Fe3.10138	Fe8.11810	0.93981
Fe7.2465	Fe7.3645	0.939397
Fe1.3335	Fe3.4401	0.939207
Fe2.12855	Fe4.5966	0.939104
Fe3.6239	Fe4.4013	0.938674
Fe7.5037	Fe8.10366	0.938473
Fe1.11396	Fe6.9419	0.937947
Fe2.9228	Fe4.3973	0.937724
Fe1.1722	Fe1.14216	0.937509
Fe3.9974	Fe8.2555	0.937256
Fe2.8644	Fe4.868	0.937244
Fe1.11460	Fe5.9005	0.937
Fe6.3212	Fe6.12154	0.93679
Fe6.9702	Fe6.12237	0.936751
Fe4.8568	Fe8.5691	0.936714
Fe4.11593	Fe6.4185	0.936686
Fe2.4406	Fe5.4436	0.936478
Fe1.14525	Fe8.11514	0.93641
Fe1.14588	Fe4.14393	0.936367
Fe3.9856	Fe6.7341	0.936339
Fe3.11429	Fe5.4462	0.936133
Fe3.14089	Fe4.2358	0.935935
Fe4.2975	Fe6.5135	0.935839
Fe1.13422	Fe6.3434	0.935799
Ft4.2036	Ft8.1695	0.232128
HiC_scaffold_5_[	iC_scaffold_5_18	0.231971
Ft2.1039	Ft7.1068	0.231961
Ft3.746	Ft6.2226	0.231739
HiC_scaffold_5_[	iC_scaffold_5_38	0.231437
Ft3.5510	Ft4.914	0.231417
HiC_scaffold_5_[	iC_scaffold_5_33	0.231296
Ft2.5951	Ft7.1623	0.231031
Ft2.393	Ft8.2035	0.230834
Ft3.913	Ft8.492	0.230817
HiC_scaffold_5_[	iC_scaffold_5_38	0.230633
Ft3.1329	Ft7.2488	0.230609
Ft2.6594	Ft3.420	0.230552
Ft1.1273	Ft3.5390	0.230292
Ft3.1413	Ft4.1017	0.230253
Ft3.3403	Ft4.3340	0.229878
Ft2.2324	Ft8.4455	0.229726
Ft2.5385	Ft3.913	0.229515
HiC_scaffold_5_1[	iC_scaffold_5_23	0.229289
Ft2.5232	Ft4.1017	0.229287
Ft3.2828	Ft8.3940	0.229058
Ft2.5849	Ft3.1380	0.22896
Ft3.1353	Ft7.4765	0.228952
HiC_scaffold_5_1[	iC_scaffold_5_28	0.228733
Ft2.2714	Ft4.2636	0.22861
Ft2.5550	Ft2.6302	0.228349
Ft4.2805	Ft7.2986	0.228023
Ft3.5563	Ft4.5336	0.227985
Ft7.1627	Ft7.4133	0.227756
Ft2.2879	Ft2.5221	0.227598
Ft4.3786	Ft7.1803	0.22738
Ft4.885	Ft4.2636	0.227123
Ft3.5510	Ft4.2081	0.226953
Ft7.3094	Ft8.2565	0.226831
Ft7.775	Ft8.828	0.226752
HiC_scaffold_5_2[	iC_scaffold_5_34	0.226439
Ft7.410	Ft7.2251	0.226412
Ft2.6408	Ft8.225	0.226313
HiC_scaffold_5_1[	iC_scaffold_5_34	0.226102
Ft6.694	Ft8.3192	0.225996
Ft2.5951	Ft7.253	0.225791
HiC_scaffold_5_1[	iC_scaffold_5_39	0.225707
Ft2.2324	Ft4.4142	0.22559
Ft2.889	Ft2.1883	0.225363
Ft7.4125	Ft8.3370	0.225159
Ft3.1380	Ft6.1276	0.22485
HiC_scaffold_5_1[	iC_scaffold_5_38	0.224824
Ft1.2387	Ft3.2828	0.224442
Ft3.1414	Ft6.1515	0.22438
Ft3.1353	Ft7.1052	0.224237
Ft2.32	Ft2.6469	0.224185
Ft2.2835	Ft3.1300	0.223514
Ft3.3403	Ft7.3045	0.22334
Ft4.4790	HiC.scaffold.5.82	0.223315
Ft4.3926	Ft7.1094	0.223269

Fe4.11443	Fe8.5461	0.93528
Fe5.10524	Fe7.424	0.93508
Fe8.4623	Fe8.4724	0.935062
Fe1.2217	Fe6.2649	0.935051
Fe2.13228	Fe4.2116	0.934968
Fe2.11243	Fe4.2548	0.934813
Fe3.488	Fe8.7451	0.934799
Fe1.14522	Fe3.14597	0.934472
Fe2.10850	Fe3.14089	0.934434
Fe2.959	Fe3.4479	0.934268
Fe5.62	Hic.scaffold.11.145	0.934267
Fe4.5424	Fe8.1361	0.933921
Fe3.4072	Fe8.6488	0.933673
Fe3.3518	Fe6.3582	0.933496
Fe1.12589	Fe4.13554	0.933454
Fe4.6044	Fe8.9017	0.93332
Fe2.11584	Fe3.3960	0.933138
Fe1.9262	Fe6.5048	0.933128
Fe1.8049	Fe6.10526	0.932929
Fe1.10280	Hic.scaffold.10.394	0.932869
Fe1.561	Fe2.13967	0.932575
Fe2.12707	Fe4.4713	0.932543
Fe3.7276	Fe5.6028	0.932435
Fe2.9414	Fe6.7446	0.93234
Fe4.11603	Fe6.9526	0.932203
Fe1.14506	Fe4.2034	0.93182
Fe1.11163	Fe4.509	0.931799
Fe2.11952	Fe5.412	0.931765
Fe7.5089	Fe8.10341	0.931458
Fe1.3550	Fe6.5249	0.931094
Fe1.10635	Fe4.12842	0.93105
Fe3.6640	Fe7.9142	0.930969
Fe3.7369	Fe8.5464	0.930856
Fe2.13548	Fe2.14115	0.930389
Fe7.4337	Fe7.12315	0.930313
Fe2.4947	Fe3.6430	0.930163
Fe3.5242	Fe8.6637	0.930116
Fe5.14351	Fe7.13111	0.929935
Fe4.5513	Fe8.9112	0.929871
Fe3.433	Fe8.7033	0.929679
Fe2.8187	Fe4.5775	0.929589
Fe3.5082	Fe7.10098	0.92954
Fe2.13864	Fe8.5790	0.929296
Fe4.1277	Fe4.3987	0.928775
Fe5.12976	Fe6.2236	0.928756
Fe3.10672	Fe4.9906	0.928711
Fe1.12466	Fe5.5984	0.928637
Fe5.12615	Fe7.69	0.928579
Fe4.257	Fe7.12322	0.928161
Fe4.535	Fe4.12978	0.928058
Fe1.10247	Fe4.811	0.927912
Fe4.3961	Fe5.4793	0.92748
Fe6.5249	Fe8.7172	0.927465
Fe2.8187	Fe5.1728	0.927462
Fe3.844	Fe8.6795	0.927456
Ft2.991	Ft2.4661	0.222898
Ft4.2843	Ft7.3019	0.222869
Ft2.2841	Ft7.677	0.222684
Ft3.2828	Ft4.2157	0.222631
Ft4.2636	Ft4.4276	0.222535
Ft4.4782	HiC.scaffold.5.92	0.222425
Ft3.1319	Ft8.750	0.222122
Ft4.3815	Ft7.1094	0.222084
Ft3.4121	Ft8.1552	0.221704
Ft1.1703	Ft5.1147	0.221595
Ft3.1380	Ft7.1052	0.221588
HiC_scaffold_5_1	HiC_scaffold_5_34	0.221137
Ft2.671	Ft7.3115	0.220816
Ft2.5849	Ft4.914	0.220815
Ft3.5650	Ft7.2003	0.220799
Ft3.1787	Ft8.2549	0.220622
Ft2.2359	Ft8.1821	0.220537
Ft3.3424	Ft3.3676	0.219782
Ft4.4885	Ft6.793	0.219776
Ft2.5505	Ft7.2715	0.219728
Ft2.6469	Ft7.4765	0.218983
HiC_scaffold_5_1	HiC_scaffold_5_33	0.218897
HiC_scaffold_5_2	HiC_scaffold_5_25	0.218878
Ft3.3975	Ft7.721	0.21882
HiC_scaffold_5_2	HiC_scaffold_5_36	0.218194
Ft5.643	Ft7.4287	0.217995
HiC_scaffold_5_1	HiC_scaffold_5_20	0.217871
Ft4.4794	HiC.scaffold.5.111	0.217446
HiC_scaffold_5_1	HiC_scaffold_5_34	0.216813
Ft4.4777	HiC.scaffold.5.335	0.216641
Ft7.1016	Ft8.225	0.216486
Ft7.3478	Ft8.4166	0.216436
HiC_scaffold_5_1	HiC_scaffold_5_38	0.215832
HiC_scaffold_5_1	HiC_scaffold_5_29	0.215768
Ft4.4777	HiC.scaffold.5.76	0.215237
Ft6.1576	Ft7.4602	0.214555
Ft3.3145	Ft7.3936	0.214551
Ft2.2754	Ft7.2094	0.214301
HiC_scaffold_5_2	HiC_scaffold_5_36	0.21398
Ft3.5707	Ft7.475	0.21374
Ft7.2529	Ft8.281	0.2137
Ft6.1940	Ft7.3158	0.213646
Ft4.2936	Ft7.4180	0.213425
HiC_scaffold_5_1	HiC_scaffold_5_33	0.213376
Ft8.492	Ft8.2390	0.213341
Ft4.4799	HiC.scaffold.5.387	0.213179
Ft2.889	Ft7.3943	0.212861
Ft2.6076	Ft4.3846	0.212637
Ft2.5328	Ft7.445	0.212557
Ft4.2607	Ft7.1740	0.21149
HiC_scaffold_5_2	HiC_scaffold_5_27	0.211442
Ft4.2813	Ft7.2728	0.211182
Ft2.6076	Ft8.1313	0.210654
Ft3.322	Ft8.4722	0.210548
Ft3.4975	Ft8.605	0.210434

Fe1.301	Fe2.12114	0.927436
Fe2.3836	Fe6.9702	0.927314
Fe1.5946	Fe4.1629	0.927176
Fe3.2733	Fe7.12692	0.926794
Fe2.8966	Fe4.1959	0.926778
Fe2.2722	Fe7.7710	0.926759
Fe1.12473	Fe4.13468	0.926008
Fe3.495	Fe5.13059	0.925796
Fe1.8532	Fe8.3040	0.925608
Fe4.2791	Fe8.11283	0.925519
Fe7.1629	Fe8.2047	0.925141
Fe4.14467	Fe6.743	0.924952
Fe8.1641	Fe8.5493	0.924801
Fe4.4881	Fe4.9812	0.924787
Fe2.1347	Fe8.1555	0.924581
Fe1.14602	Fe8.10532	0.924492
Fe4.1309	Fe6.1937	0.924153
Fe1.3068	Fe6.2829	0.923814
Fe2.14279	Fe4.3008	0.923765
Fe4.7132	Fe6.9997	0.923512
Fe1.5580	Fe4.6048	0.923208
Fe2.1923	Fe7.3528	0.923138
Fe7.113	Fe8.10810	0.923125
Fe2.1533	Fe5.1144	0.922915
Fe4.5919	Fe8.454	0.922659
Fe2.10221	Fe8.11630	0.922599
Fe4.13421	Fe5.1246	0.92252
Fe4.9132	Fe8.3507	0.922517
Fe3.9856	Fe7.6414	0.922418
Fe3.9792	Fe6.5048	0.922315
Fe4.1341	Fe6.1884	0.922183
Fe1.1476	Fe6.6228	0.92157
Fe2.9912	Fe8.11644	0.921448
Fe5.4226	Fe5.9102	0.921196
Fe2.2670	Fe8.951	0.920681
Fe2.2722	Fe8.1616	0.920613
Fe2.8436	Hic.scaffold.9.665	0.920521
Fe7.12881	Fe8.5137	0.920318
Fe5.6482	Fe6.7374	0.920188
Fe2.2921	Fe4.1272	0.920049
Fe1.10896	Fe3.3296	0.919911
Fe2.5285	Fe4.9656	0.9199
Fe3.8677	Fe6.3103	0.919666
Fe5.11904	Fe7.7710	0.91963
Fe1.754	Fe6.2766	0.919314
Fe1.6842	Fe7.6936	0.919066
Fe5.12476	Fe6.5872	0.919053
Fe6.8010	Fe7.10825	0.918806
Fe5.9802	Fe8.4076	0.918674
Fe2.2165	Fe6.11179	0.918434
Fe1.2609	Fe5.2064	0.918412
Fe2.9949	Fe5.9006	0.918334
Fe7.502	Fe7.5536	0.918248
Fe4.2849	Fe8.10185	0.918152
Fe3.8677	Fe8.3507	0.917729

Ft2.393	Ft3.1398	0.209813
Ft4.3815	Ft8.750	0.209546
Ft4.2803	Ft7.2715	0.209445
Ft3.1984	Ft3.3263	0.209438
Ft2.2618	Ft4.2036	0.208558
Ft2.2005	Ft7.2855	0.208374
Ft2.4120	Ft4.1690	0.20822
Ft3.1507	Ft3.2752	0.207399
Ft2.2977	Ft3.3574	0.207186
HiC_scaffold_5_HiC_scaffold_5_13		0.207151
Ft8.586	Ft8.2405	0.20684
HiC_scaffold_5_HiC_scaffold_5_20		0.20668
Ft3.2836	Ft4.2145	0.206558
Ft2.2561	Ft3.913	0.20644
Ft4.3059	Ft8.693	0.206087
HiC_scaffold_5_HiC_scaffold_5_19		0.205968
Ft7.3115	Ft8.2612	0.205778
HiC_scaffold_5_HiC_scaffold_5_28		0.205503
Ft6.1939	Ft7.4906	0.205298
Ft3.1346	Ft8.780	0.205282
Ft7.1269	Ft7.1623	0.205138
Ft7.397	Ft7.1509	0.204813
Ft2.6588	Ft6.1636	0.204796
Ft2.5601	Ft7.3115	0.204311
Ft2.6594	Ft8.4237	0.204267
Ft3.319	Ft8.4719	0.204258
Ft3.423	Ft7.4875	0.203806
Ft4.1959	Ft7.3707	0.203794
Ft3.420	Ft8.225	0.203448
HiC_scaffold_5_2HiC_scaffold_5_34		0.203448
Ft2.1123	Ft2.5101	0.203442
Ft8.2390	Ft8.3712	0.203391
HiC_scaffold_5_HiC_scaffold_5_24		0.203068
Ft3.1786	Ft8.2550	0.202859
Ft2.3037	Ft8.1695	0.202196
HiC_scaffold_5_HiC_scaffold_5_12		0.201899
HiC_scaffold_5_HiC_scaffold_5_35		0.201899
Ft3.3147	Ft3.3366	0.201795
Ft3.4142	Ft7.401	0.20177
Ft6.1044	Ft8.3478	0.201532
Ft2.2391	Ft6.2630	0.201499
Ft2.3391	Ft6.2420	0.200978
Ft4.4802	HiC.scaffold.5.400	0.200857
Ft3.3512	Ft8.4571	0.200827
Ft2.20	Ft7.4765	0.200701
HiC_scaffold_5_3HiC_scaffold_5_36		0.200577
Ft4.814	Ft8.2390	0.200472
Ft6.2796	Ft7.4125	0.200467
Ft4.3846	Ft7.1096	0.200463
Ft7.331	Ft7.2986	0.200269
Ft3.3236	Ft4.914	0.200211
Ft2.671	Ft4.914	0.199859
Ft3.1426	Ft8.4074	0.199836
Ft3.3170	Ft4.3340	0.199766
HiC_scaffold_5_1HiC_scaffold_5_32		0.199707

Fe5.12079	Fe7.7224	0.917286
Fe2.1892	Fe7.3724	0.91714
Fe4.3971	Fe7.12727	0.916977
Fe4.11999	Fe5.596	0.916797
Fe2.11467	Fe3.13598	0.916737
Fe4.5498	Fe6.11694	0.916604
Fe4.14359	Fe7.11973	0.916585
Fe2.10269	Fe6.9702	0.916507
Fe4.1302	Fe4.3949	0.915933
Fe1.2811	Fe1.13860	0.915877
Fe2.13334	Fe7.11828	0.915785
Fe2.10269	Fe4.4956	0.915352
Fe2.5664	Fe6.7446	0.915072
Fe1.9277	Fe6.6229	0.914809
Fe4.156	Fe7.11699	0.914549
Fe2.9280	Fe8.11085	0.914277
Fe1.14510	Fe3.14514	0.914098
Fe5.3502	Fe6.8003	0.913453
Fe5.10524	Fe8.10728	0.913299
Fe5.4976	Fe5.9103	0.912752
Fe2.831	Fe7.12217	0.912703
Fe5.5956	Fe5.10842	0.912683
Fe3.7728	Fe5.5956	0.912381
Fe3.345	Fe5.515	0.912291
Fe4.14469	Fe8.10654	0.912267
Fe2.13165	Fe3.13593	0.912179
Fe7.3018	Fe8.8176	0.912126
Fe4.14134	Fe6.519	0.911497
Fe4.2553	Fe4.14134	0.911497
Fe3.9125	Fe4.4146	0.911392
Fe6.11633	Fe7.12315	0.911365
Fe2.8697	Fe6.3830	0.911331
Fe5.11060	Fe8.8314	0.910624
Fe2.14188	Fe3.14121	0.910569
Fe2.10269	Fe8.664	0.910369
Fe2.3745	Fe2.10269	0.910369
Fe4.3795	Fe8.1616	0.910185
Fe2.12921	Fe8.11014	0.910046
Fe1.6690	Fe6.5336	0.909951
Fe3.3063	Fe3.6800	0.909931
Fe1.9997	Fe7.6387	0.909825
Fe3.5899	Fe5.12764	0.909818
Fe4.6223	Fe7.630	0.909624
Fe4.11557	Fe6.5336	0.909187
Fe1.1573	Fe1.14250	0.909123
Fe3.12037	Fe8.8753	0.908931
Fe1.9609	Hic.scaffold.9.921	0.908798
Fe3.5063	Fe7.5564	0.908575
Fe4.12549	Fe7.11277	0.908307
Fe3.389	Fe8.11925	0.908265
Fe5.11465	Fe7.201	0.908086
Fe2.13078	Fe3.13758	0.90807
Fe1.3342	Fe2.10269	0.907756
Fe4.13423	Fe5.1248	0.907736
Fe1.5089	Fe6.9494	0.907691
Ft2.201	Ft2.4317	0.199696
Ft3.2828	Ft4.786	0.199642
HiC_scaffold_5_{	iC_scaffold_5_36	0.199616
Ft6.1638	Ft8.799	0.199361
Ft4.1245	Ft7.268	0.199278
HiC_scaffold_5_1	liC_scaffold_5_29	0.199243
Ft2.284	Ft8.4106	0.199109
Ft4.4794	HiC.scaffold.5.336	0.19883
Ft2.6076	Ft7.331	0.198816
Ft7.3212	Ft8.2550	0.198296
Ft2.2359	Ft3.913	0.198125
Ft8.2390	Ft8.2613	0.198066
Ft4.3815	Ft7.2695	0.197809
Ft2.4447	Ft3.2828	0.197722
Ft2.3034	Ft8.1745	0.197088
Ft4.2657	Ft6.3268	0.196817
Ft3.1318	Ft3.3404	0.196793
HiC_scaffold_5_1	liC_scaffold_5_28	0.196759
Ft2.2618	Ft4.786	0.196572
Ft3.3404	Ft4.3341	0.196033
Ft4.3690	Ft8.2405	0.196005
Ft7.2986	Ft8.749	0.195768
Ft3.2828	Ft7.920	0.195283
Ft6.2281	Ft7.1297	0.195139
Ft2.2324	Ft7.3943	0.195052
Ft4.2936	Ft7.3212	0.194893
Ft1.1840	Ft3.1939	0.194696
Ft2.2561	Ft3.2828	0.194519
Ft4.4778	HiC.scaffold.5.336	0.1945
Ft2.2324	Ft7.3115	0.194443
Ft3.1861	Ft7.1623	0.194422
Ft7.643	Ft7.1953	0.194174
HiC_scaffold_5_3	iC_scaffold_5_39	0.194075
Ft8.225	Ft8.1638	0.193874
HiC_scaffold_5_1	liC_scaffold_5_34	0.193371
Ft8.227	Ft8.3839	0.193308
Ft4.3815	Ft7.1814	0.193306
Ft7.1068	Ft7.3115	0.19317
Ft2.2714	Ft3.1380	0.192623
HiC_scaffold_5_2	iC_scaffold_5_32	0.192444
Ft2.1883	Ft3.1380	0.19243
Ft7.3094	Ft8.4237	0.192362
HiC_scaffold_5_2	iC_scaffold_5_27	0.192039
Ft4.4365	Ft8.281	0.191998
Ft6.1921	Ft7.3101	0.191962
Ft4.4780	HiC.scaffold.5.233	0.191937
Ft2.3037	Ft2.5910	0.191561
Ft8.632	Ft8.1638	0.191346
Ft7.393	Ft7.4906	0.191166
Ft2.445	Ft3.1540	0.190914
Ft2.4447	Ft7.393	0.190564
Ft2.889	Ft2.3037	0.190544
Ft2.2618	Ft8.1821	0.190318
HiC_scaffold_5_1	liC_scaffold_5_34	0.190315
Ft4.5650	Ft7.475	0.190305

Fe6.5158	Fe8.8475	0.907005
Fe4.8406	Fe6.8334	0.906955
Fe4.10170	Fe5.5617	0.906924
Fe1.2375	Fe1.9618	0.906882
Fe3.5714	Fe8.6907	0.906689
Fe5.1163	Fe6.11384	0.906679
Fe6.9617	Fe7.800	0.906649
Fe3.4446	Fe3.12065	0.906648
Fe1.13452	Fe6.3393	0.906631
Fe2.11467	Fe5.3220	0.906572
Fe2.1521	Fe8.1433	0.906336
Fe2.6048	Fe6.9985	0.906307
Fe1.13308	Fe3.13584	0.906029
Fe1.4075	Fe3.12047	0.905994
Fe4.3949	Fe6.1939	0.90587
Fe1.11400	Fe7.3604	0.905801
Fe5.11998	Fe7.49	0.905304
Fe2.11467	Fe5.13462	0.905167
Fe2.10957	Fe4.1185	0.905158
Fe1.10195	Fe5.5304	0.905151
Fe6.3582	Fe6.5303	0.905026
Fe2.11794	Fe8.3745	0.904777
Fe5.65	Fe6.704	0.904499
Fe2.9450	Fe8.10998	0.904246
Fe4.113	Fe6.1432	0.904082
Fe5.13025	Fe6.3570	0.904007
Fe2.4531	Fe6.114	0.903999
Fe4.5613	Fe6.3023	0.903952
Fe7.5686	Fe7.12655	0.90355
Fe2.1595	Fe4.12855	0.903485
Fe1.8698	Fe5.4462	0.90337
Fe2.3763	Fe8.9539	0.903025
Fe1.6164	Fe2.12758	0.902768
Fe6.11492	Fe8.1716	0.902635
Fe5.2234	Fe6.10247	0.902458
Fe2.4644	Fe6.103	0.902141
Fe3.6800	Fe6.12187	0.902086
Fe2.2560	Fe3.6435	0.902068
Fe5.10544	Fe7.3233	0.901962
Fe1.2258	Fe6.5048	0.901764
Fe5.1163	Fe7.3090	0.90167
Fe1.11469	Fe4.13175	0.901656
Fe2.6720	Fe8.10800	0.901514
Fe2.1915	Fe4.736	0.90146
Fe2.8822	Fe3.8580	0.901194
Fe3.515	Fe6.9395	0.900955
Fe1.4482	Fe8.4131	0.900954
Fe3.9249	Fe7.12691	0.900944
Fe1.13940	Fe4.11220	0.899812
Fe2.10352	Fe2.13163	0.89943
Fe1.473	Fe4.5602	0.899354
Fe1.12144	Fe2.9387	0.899108
Fe6.10429	Fe8.6565	0.899087
Fe2.733	Fe3.3115	0.898612
Fe5.4229	Fe6.3043	0.898335
Ft4.3846	Ft7.1815	0.190293
Ft3.476	Ft6.1187	0.190057
Ft2.889	Ft4.5472	0.189894
Ft3.4201	Ft7.3094	0.189862
Ft2.2842	Ft7.3349	0.189837
Ft4.358	Ft6.2199	0.189668
Ft3.2450	Ft8.4455	0.189537
Ft3.1861	Ft8.1821	0.189227
Ft2.2561	Ft3.2450	0.189117
Ft4.2081	Ft7.1052	0.189054
Ft4.4801	HiC.scaffold.5.369	0.188747
Ft2.3037	Ft4.2036	0.188568
Ft3.1413	Ft8.1273	0.188481
Ft8.461	Ft8.2427	0.188386
Ft2.438	Ft2.4650	0.188318
Ft3.3170	Ft4.1877	0.188314
Ft8.1465	Ft8.3338	0.187493
Ft2.1857	Ft8.3370	0.187373
Ft3.4005	Ft7.2137	0.187057
Ft7.393	Ft8.2390	0.186903
HiC_scaffold_5_3	iC_scaffold_5_39	0.186739
Ft2.2477	Ft2.2618	0.186631
Ft2.2618	Ft7.1623	0.186545
Ft4.1986	Ft7.2282	0.186409
Ft3.2828	Ft7.3115	0.186374
Ft2.1545	Ft8.2967	0.186326
Ft4.2249	Ft8.281	0.186021
HiC_scaffold_5_1	iC_scaffold_5_37	0.185952
Ft7.2094	Ft7.3115	0.185655
Ft4.4318	Ft8.2380	0.185588
Ft3.2752	Ft8.1273	0.18516
Ft7.970	Ft8.1313	0.184858
Ft2.5849	Ft3.5569	0.184341
HiC_scaffold_5_1	iC_scaffold_5_35	0.183599
Ft2.2324	Ft3.5569	0.18322
Ft3.1318	Ft4.3846	0.183077
Ft7.706	Ft7.776	0.182223
Ft7.3312	Ft8.1771	0.182149
Ft3.1380	Ft8.3712	0.181663
Ft7.1626	Ft7.3081	0.181655
Ft3.1318	Ft8.3191	0.181243
Ft3.3095	Ft3.3237	0.181121
Ft7.2198	Ft8.797	0.180791
Ft1.2387	Ft2.3037	0.180783
HiC_scaffold_5_1	iC_scaffold_5_34	0.180726
HiC_scaffold_5_1	iC_scaffold_5_38	0.18068
Ft2.4509	Ft7.3021	0.180336
Ft4.2936	Ft8.2967	0.18017
Ft3.913	Ft7.3115	0.179749
Ft3.4975	Ft8.410	0.179429
Ft2.961	Ft4.4142	0.17911
Ft8.4262	Ft8.4867	0.178864
HiC_scaffold_5_1	iC_scaffold_5_26	0.17798
Ft3.1570	Ft8.1066	0.177738
Ft4.5424	Ft6.1638	0.177304

Fe2.4042	Fe7.5692	0.898139
Fe1.10459	Fe3.5459	0.898045
Fe5.13050	Fe7.997	0.898028
Fe6.5226	Fe7.5933	0.897753
Fe6.9955	Fe8.559	0.897699
Fe6.12154	Fe8.5702	0.89761
Fe2.9956	Fe5.8995	0.897393
Fe4.5556	Fe4.12776	0.897321
Fe3.11188	Fe8.11742	0.897313
Fe1.3103	Fe4.13589	0.897176
Fe2.4710	Fe3.10385	0.897053
Fe1.112	Fe6.2224	0.896892
Fe2.2301	Fe3.11108	0.896813
Fe1.5438	Fe2.12452	0.896694
Fe8.2330	Fe8.3746	0.896631
Fe4.2020	Fe8.11111	0.896623
Fe2.8904	Fe5.3988	0.896485
Fe7.7153	Fe8.5110	0.896349
Fe3.9294	Fe3.9804	0.896238
Fe5.12751	Fe7.108	0.896219
Fe4.13934	Fe6.3372	0.896196
Fe3.1247	Hic.scaffold.9.192	0.896194
Fe3.7618	Fe4.5133	0.895891
Fe5.12272	Fe7.1923	0.895599
Fe1.6549	Fe2.3817	0.895363
Fe5.3566	Fe7.6756	0.895061
Fe2.12878	Fe8.9013	0.894896
Fe1.2271	Fe6.11117	0.89475
Fe3.3295	Fe5.3523	0.894552
Fe2.423	Fe5.13341	0.894399
Fe1.10184	Fe3.6366	0.894244
Fe2.12797	Fe4.5197	0.894141
Fe1.539	Fe6.2623	0.894139
Fe2.2105	Fe7.3708	0.894008
Fe2.11189	Fe2.13525	0.893839
Fe2.4647	Fe3.6366	0.893664
Fe3.9030	Fe5.10692	0.893604
Fe5.4976	Fe6.5872	0.893505
Fe5.12732	Fe7.94	0.893494
Fe2.11655	Fe4.12244	0.893468
Fe2.10816	Fe3.14075	0.892744
Fe3.3100	Fe7.11648	0.892527
Fe1.3342	Fe2.2560	0.892443
Fe2.10269	Fe6.7446	0.892115
Fe1.33	Fe6.2454	0.891634
Fe1.768	Fe5.14150	0.891554
Fe5.8670	Fe8.11601	0.891541
Fe1.12734	Fe4.13596	0.891489
Fe4.5513	Fe8.9183	0.890837
Fe5.13194	Fe7.3874	0.890806
Fe6.1843	Fe6.3103	0.890689
Fe4.7780	Fe8.2923	0.890628
Fe3.10131	Fe8.11811	0.890598
Fe7.10999	Fe7.11335	0.890438
Fe2.12380	Fe7.3625	0.89028

Ft3.2828	Ft6.1044	0.17722
Ft3.1380	Ft4.819	0.176454
Ft7.475	Ft7.920	0.176389
Ft4.1153	Ft6.1044	0.176265
Ft7.1452	Ft8.131	0.175822
Ft7.2920	Ft8.1821	0.175635
HiC_scaffold_5_1	iC_scaffold_5_29	0.175181
Ft4.5386	Ft7.3037	0.174813
HiC_scaffold_5_1	iC_scaffold_5_36	0.174638
Ft3.2828	Ft3.4867	0.174534
Ft2.4975	Ft7.4836	0.17433
Ft3.476	Ft3.855	0.174262
Ft3.1861	Ft7.1730	0.174231
Ft2.1621	Ft7.1052	0.174046
HiC_scaffold_5_1	iC_scaffold_5_29	0.173932
Ft8.1316	Ft8.4249	0.173867
Ft3.1520	Ft7.3115	0.173802
Ft1.2387	Ft3.1520	0.173798
Ft3.4990	Ft3.5310	0.173194
Ft3.1984	Ft3.5041	0.173045
Ft3.2752	Ft3.3263	0.172735
Ft4.1876	Ft4.2196	0.172587
Ft4.4793	HiC.scaffold.5.392	0.172479
HiC_scaffold_5_1	iC_scaffold_5_39	0.172479
Ft4.885	Ft8.2390	0.171989
HiC_scaffold_5_	iC_scaffold_5_20	0.17188
Ft7.1052	Ft7.2540	0.171617
Ft2.2618	Ft4.885	0.171537
Ft2.5394	Ft2.5811	0.171318
HiC_scaffold_5_	iC_scaffold_5_35	0.171249
Ft3.680	Ft6.650	0.170971
HiC_scaffold_5_1	iC_scaffold_5_17	0.169907
Ft3.3967	Ft8.1486	0.169792
Ft4.4792	HiC.scaffold.5.198	0.169335
HiC_scaffold_5_	iC_scaffold_5_19	0.169335
Ft6.3406	Ft7.4875	0.168978
Ft4.18	Ft8.1384	0.168655
Ft2.1013	Ft3.3575	0.168261
Ft4.4782	HiC.scaffold.5.208	0.168221
Ft2.616	Ft7.4912	0.168193
Ft2.199	Ft2.393	0.168139
HiC_scaffold_5_1	iC_scaffold_5_37	0.167886
Ft7.970	Ft8.3878	0.167785
HiC_scaffold_5_1	iC_scaffold_5_21	0.167492
Ft3.5514	Ft8.1287	0.167071
Ft7.3943	Ft7.4510	0.166827
Ft4.2863	Ft8.1344	0.166694
Ft3.1413	Ft3.1984	0.166682
Ft2.2618	Ft3.4484	0.165473
Ft3.1380	Ft4.2157	0.165417
Ft2.6469	Ft3.1353	0.164931
Ft3.5490	Ft7.4765	0.164624
Ft4.4784	HiC.scaffold.5.111	0.164356
Ft4.3734	Ft7.1009	0.163711
Ft2.2646	Ft4.2813	0.163652

Fe1.14235	Fe4.11942	0.890193
Fe4.12573	Hic.scaffold.10.506	0.890152
Fe2.12789	Fe4.5059	0.890133
Fe4.2192	Fe6.3570	0.89009
Fe3.10264	Fe8.2158	0.889894
Fe4.11895	Fe5.546	0.889636
Fe1.7337	Fe5.4793	0.889253
Fe2.6790	Fe8.10809	0.888818
Fe2.13316	Fe2.14210	0.888607
Fe1.6347	Fe1.8675	0.888534
Fe4.11557	Fe8.732	0.888503
Fe6.5559	Fe7.7014	0.888474
Fe4.5230	Fe8.9226	0.88847
Fe4.329	Fe5.14403	0.888468
Fe5.9802	Fe8.2825	0.888434
Fe4.12673	Fe6.5572	0.88824
Fe2.1900	Fe8.7078	0.888186
Fe3.8064	Fe8.3298	0.888026
Fe2.13781	Fe3.14345	0.887936
Fe6.8857	Fe6.9020	0.887706
Fe6.5364	Fe7.11078	0.887141
Fe3.13894	Fe8.7135	0.8871
Fe2.10825	Fe3.14082	0.88698
Fe2.9805	Fe7.2514	0.886966
Fe2.9533	Fe8.3656	0.886765
Fe2.1410	Fe7.7153	0.886607
Fe4.233	Fe7.12167	0.886422
Fe1.11775	Fe4.11977	0.886326
Fe2.1094	Fe6.2236	0.88628
Fe3.79	Fe8.11952	0.886271
Fe4.11227	Fe6.4456	0.88618
Fe2.10339	Fe2.13166	0.88591
Fe1.14397	Fe4.13702	0.885889
Fe2.8544	Fe3.155	0.885381
Fe3.2044	Fe4.13721	0.885282
Fe4.14122	Fe6.524	0.885225
Fe1.11969	Fe4.13249	0.88511
Fe3.3676	Fe8.11263	0.885096
Fe1.6591	Fe2.2670	0.884999
Fe7.7415	Fe8.2330	0.88412
Fe3.2670	Fe7.12389	0.883914
Fe4.14073	Fe6.475	0.883904
Fe5.11965	Fe7.37	0.883877
Fe5.14454	Fe7.2529	0.883873
Fe4.9093	Fe5.13148	0.883693
Fe5.10524	Fe8.10717	0.883231
Fe1.4474	Fe2.4406	0.883217
Fe3.4540	Fe7.6306	0.88299
Fe2.13825	Fe5.412	0.882946
Fe1.11212	Fe4.6136	0.882824
Fe2.12611	Fe4.4480	0.882797
Fe2.2059	Fe5.11955	0.882748
Fe6.5152	Fe8.8478	0.882667
Fe1.5580	Fe3.9363	0.882569
Fe1.13951	Fe6.4400	0.882434
Ft3.1436	Ft3.1796	0.163611
Ft3.1380	Ft6.871	0.1633
HiC_scaffold_5_1	iC_scaffold_5_34	0.163252
Ft3.3145	Ft7.984	0.163118
Ft2.473	Ft7.410	0.163041
Ft4.5409	Ft7.3115	0.16294
HiC_scaffold_5_1	iC_scaffold_5_22	0.162231
Ft3.1787	Ft3.2777	0.161906
HiC_scaffold_5_1	iC_scaffold_5_33	0.161864
Ft7.970	Ft8.749	0.161752
Ft2.5221	Ft8.1638	0.161743
Ft2.889	Ft4.2081	0.161729
Ft2.6469	Ft7.3115	0.161374
Ft3.1380	Ft3.1861	0.161188
Ft3.5041	Ft8.586	0.16062
Ft4.1438	Ft7.2715	0.160252
Ft3.1436	Ft3.3449	0.160218
Ft4.4782	HiC.scaffold.5.172	0.159778
HiC_scaffold_5_1	iC_scaffold_5_39	0.159131
HiC_scaffold_5_1	iC_scaffold_5_24	0.158067
Ft2.5296	Ft4.4915	0.157655
Ft3.2509	Ft3.2752	0.156922
Ft7.2762	Ft8.768	0.15683
Ft2.473	Ft8.3370	0.156758
Ft2.3241	Ft4.4031	0.156081
Ft3.1520	Ft6.2268	0.1559
HiC_scaffold_5_1	iC_scaffold_5_17	0.155249
Ft2.4317	Ft7.920	0.155186
Ft3.4975	Ft8.2124	0.154604
HiC_scaffold_5_2	iC_scaffold_5_38	0.153729
Ft2.6362	Ft8.1745	0.153579
Ft4.3816	Ft7.2986	0.153381
Ft3.3473	Ft8.4166	0.153141
Ft6.3248	Ft8.1534	0.153138
Ft2.2714	Ft4.2157	0.152919
Ft2.2654	Ft4.2781	0.152897
Ft2.6105	Ft8.5123	0.152895
HiC_scaffold_5_2	iC_scaffold_5_36	0.15285
Ft3.1787	Ft4.961	0.152555
Ft4.2135	Ft8.2612	0.152237
HiC_scaffold_5_1	iC_scaffold_5_28	0.151987
Ft3.1861	Ft3.5569	0.151744
Ft3.1436	Ft4.901	0.151593
Ft7.2094	Ft7.3943	0.151393
Ft2.3037	Ft7.2094	0.151353
Ft2.2618	Ft7.4765	0.151327
Ft2.2324	Ft6.2268	0.151321
Ft2.1024	Ft2.1333	0.151311
Ft4.962	Ft8.2967	0.150924
Ft3.1319	Ft7.2987	0.15087
Ft2.2618	Ft8.1284	0.150693
Ft2.2544	Ft7.1702	0.150531
Ft6.1404	Ft7.3094	0.150154
Ft4.4804	HiC.scaffold.5.267	0.149943
HiC_scaffold_5_1	iC_scaffold_5_37	0.149655

Fe3.7618	Fe4.4596	0.882399
Fe2.9244	Fe8.11111	0.882358
Fe4.714	Fe5.3199	0.882119
Hic.scaffold.11.175	Hic.scaffold.11.291	0.882031
Fe2.11467	Fe6.4477	0.881936
Fe3.375	Fe5.502	0.881917
Fe6.9306	Fe7.12315	0.881851
Fe4.14205	Fe5.147	0.881599
Fe6.5989	Fe8.10091	0.881569
Fe2.11533	Fe6.3485	0.881182
Fe5.7578	Fe7.6414	0.881168
Fe2.13043	Fe4.5961	0.881001
Fe3.5010	Fe7.5653	0.880762
Fe3.9114	Fe7.4972	0.88072
Fe3.1067	Fe5.3933	0.880668
Fe3.48	Fe8.3503	0.880664
Fe1.1517	Fe6.6081	0.880341
Fe1.2906	Fe1.13840	0.88002
Fe2.6048	Fe3.5714	0.879874
Fe1.1792	Fe3.8551	0.879815
Fe3.9027	Fe5.5932	0.87969
Fe4.1868	Fe4.5602	0.879613
Fe1.10857	Fe2.1579	0.879353
Fe2.11918	Fe8.2430	0.879304
Fe4.9906	Fe6.6668	0.879276
Fe3.6095	Fe5.11428	0.879264
Fe4.11977	Fe8.5464	0.879259
Fe7.633	Fe8.6355	0.879164
Fe3.13894	Fe7.4572	0.878525
Fe3.8823	Fe6.6430	0.878491
Fe3.4318	Fe7.6496	0.878171
Fe3.5083	Fe4.3362	0.878046
Fe1.2679	Fe5.3356	0.877987
Fe2.11678	Fe8.11238	0.877973
Fe1.10711	Fe4.571	0.877946
Fe1.13915	Fe4.11165	0.877818
Fe2.6734	Fe4.7780	0.87767
Fe2.4620	Fe6.108	0.877645
Fe2.11217	Fe3.14345	0.877638
Fe4.3760	Fe7.11405	0.877629
Fe4.670	Fe4.12794	0.877467
Fe2.10269	Fe4.11160	0.877196
Fe5.10675	Fe7.402	0.877051
Fe1.9214	Fe6.4668	0.876868
Fe1.3625	Fe5.6792	0.876789
Fe1.13919	Fe4.11167	0.876687
Fe1.2043	Fe6.3981	0.87665
Fe7.3148	Fe8.3444	0.876584
Fe2.13570	Fe2.14099	0.876571
Fe2.12884	Fe8.9004	0.876527
Fe6.3630	Fe7.12490	0.876419
Fe1.11197	Fe4.13060	0.876286
Fe1.9303	Fe3.11990	0.876061
Fe2.13210	Fe8.10934	0.875913
Fe1.6549	Fe4.8568	0.875881
HiC_scaffold_5_4	iC_scaffold_5_36	0.149645
Ft4.4782	HiC.scaffold.5.80	0.148955
HiC_scaffold_5_1	iC_scaffold_5_34	0.148435
HiC_scaffold_5_4	iC_scaffold_5_34	0.148435
HiC_scaffold_5_4	iC_scaffold_5_37	0.148435
HiC_scaffold_5_1	iC_scaffold_5_36	0.148158
HiC_scaffold_5_1	iC_scaffold_5_36	0.147831
Ft3.1380	Ft3.2828	0.147813
Ft2.4525	Ft3.879	0.147806
Ft3.1787	Ft7.2724	0.147017
Ft4.865	Ft8.1236	0.146889
Ft7.3707	Ft8.2802	0.146735
Ft8.1552	Ft8.1836	0.14607
HiC_scaffold_5_2	iC_scaffold_5_34	0.145872
Ft3.4372	Ft8.1533	0.145048
HiC_scaffold_5_1	iC_scaffold_5_32	0.145042
Ft3.3286	Ft4.3059	0.144241
Ft4.4887	Ft6.794	0.143907
Ft4.962	Ft8.605	0.14244
Ft2.844	Ft3.1436	0.142241
Ft4.4780	HiC.scaffold.5.114	0.142234
Ft3.4975	Ft8.4725	0.142186
Ft3.1975	Ft7.410	0.14195
HiC_scaffold_5_1	iC_scaffold_5_15	0.141573
Ft2.5696	Ft4.1925	0.141254
Ft4.1152	Ft8.4061	0.140923
Ft2.4412	Ft2.4897	0.140908
HiC_scaffold_5_1	iC_scaffold_5_37	0.139823
HiC_scaffold_5_1	iC_scaffold_5_37	0.139823
Ft6.1044	Ft7.3115	0.139495
Ft2.1733	Ft3.4562	0.139384
Ft2.4627	Ft7.410	0.139274
Ft4.4793	HiC.scaffold.5.121	0.139032
Ft2.2359	Ft2.3037	0.138793
Ft3.3236	Ft7.1879	0.138758
Ft2.6069	Ft8.2565	0.138603
Ft4.4780	Ft4.4802	0.138315
Ft3.1246	Ft4.1925	0.1381
Ft3.717	Ft6.2420	0.137964
HiC_scaffold_5_1	iC_scaffold_5_36	0.137664
HiC_scaffold_5_1	iC_scaffold_5_40	0.137061
HiC_scaffold_5_2	iC_scaffold_5_32	0.137034
HiC_scaffold_5_4	iC_scaffold_5_33	0.136943
Ft4.4793	HiC.scaffold.5.103	0.136938
Ft3.1380	Ft4.4142	0.136812
Ft7.330	Ft7.2987	0.136642
Ft3.1318	Ft8.749	0.136469
HiC_scaffold_5_1	iC_scaffold_5_37	0.13594
HiC_scaffold_5_1	iC_scaffold_5_37	0.13594
HiC_scaffold_5_1	iC_scaffold_5_25	0.135921
Ft6.1404	Ft8.225	0.13562
HiC_scaffold_5_1	iC_scaffold_5_34	0.134897
Ft3.1380	Ft4.726	0.134742
HiC_scaffold_5_4	iC_scaffold_5_34	0.134709
HiC_scaffold_5_4	iC_scaffold_5_37	0.134709

Fe2.2095	Fe4.800	0.875706
Fe2.7940	Fe2.11467	0.875582
Fe5.12804	Fe7.3520	0.875517
Fe1.11892	Fe3.4856	0.875387
Fe2.102	Fe7.11008	0.875226
Fe4.14263	Fe6.585	0.875115
Fe2.13623	Fe8.10217	0.874512
Fe1.12824	Fe4.13640	0.874363
Fe1.1933	Fe6.3899	0.874185
Fe2.7678	Fe4.7634	0.874168
Fe2.2740	Fe8.10975	0.874068
Fe5.3900	Fe8.3754	0.873954
Fe3.6095	Fe4.4041	0.873879
Fe3.1002	Fe8.7246	0.873543
Fe1.11273	Fe2.4647	0.873439
Fe2.7835	Fe3.4435	0.87342
Fe3.14387	Fe6.3055	0.873365
Fe1.11053	Fe4.3727	0.873233
Fe2.249	Fe6.23	0.873197
Fe2.12888	Fe8.8985	0.87311
Fe2.13732	Fe5.9389	0.872981
Fe5.12375	Fe7.2008	0.87282
Fe3.375	Fe7.4431	0.872664
Fe2.13632	Fe8.11293	0.872604
Fe2.7566	Fe7.627	0.872418
Fe6.698	Fe8.10618	0.872374
Fe1.8572	Fe3.6667	0.872202
Fe4.6220	Fe5.1213	0.872155
Fe1.6870	Fe4.8047	0.872032
Fe2.11659	Fe4.2671	0.871984
Fe2.13334	Fe6.7777	0.87162
Fe4.12489	Hic.scaffold.10.527	0.871304
Fe1.737	Fe6.2695	0.87126
Fe3.3348	Fe7.7153	0.871138
Fe2.10362	Fe3.13542	0.870932
Fe3.591	Fe8.7652	0.870863
Fe2.9811	Fe4.2121	0.870586
Fe1.10961	Fe4.12988	0.870273
Fe1.14397	Fe8.7858	0.87016
Fe3.111	Fe8.665	0.870119
Fe3.1051	Fe8.7110	0.870089
Fe3.1054	Fe8.7094	0.870016
Fe4.9525	Fe5.12829	0.869907
Fe4.13131	Fe6.11438	0.869703
Fe5.8839	Fe8.5353	0.869643
Fe7.3467	Fe7.3516	0.869563
Fe6.5872	Fe7.11828	0.869432
Fe2.13808	Fe3.14129	0.869374
Fe6.7166	Fe7.7425	0.869291
Fe2.12819	Fe4.5568	0.869264
Fe2.2425	Fe4.1075	0.86889
Fe8.10508	Hic.scaffold.11.279	0.868678
Fe4.3037	Fe4.4146	0.868495
Fe4.7855	Fe5.6169	0.868451
Fe4.2872	Fe7.6393	0.868429
Ft3.2722	Ft4.1215	0.134448
Ft6.855	Ft6.2665	0.133511
Ft2.2714	Ft2.3037	0.133295
Ft3.476	Ft3.1796	0.132608
Ft4.4781	HiC.scaffold.5.123	0.13228
Ft2.2618	Ft2.3037	0.131517
Ft7.4994	Ft8.3735	0.131348
Ft2.4563	Ft4.534	0.131207
HiC_scaffold_5_1	iC_scaffold_5_37	0.131202
HiC_scaffold_5_1	iC_scaffold_5_37	0.131202
HiC_scaffold_5_	iC_scaffold_5_27	0.131106
Ft2.6408	Ft4.5310	0.130384
Ft3.4973	Ft8.604	0.130366
Ft2.5951	Ft4.786	0.130281
Ft2.1628	Ft7.3046	0.13
HiC_scaffold_5_1	iC_scaffold_5_27	0.129955
Ft2.961	Ft7.475	0.129857
Ft2.358	Ft7.3955	0.129779
HiC_scaffold_5_	iC_scaffold_5_37	0.129767
HiC_scaffold_5_	iC_scaffold_5_38	0.129759
HiC_scaffold_5_	iC_scaffold_5_38	0.12935
Ft4.5385	Ft5.2223	0.129228
Ft4.782	Ft7.3947	0.128962
HiC_scaffold_5_	iC_scaffold_5_37	0.128833
Ft3.3404	Ft7.3046	0.128683
Ft1.2899	Ft2.115	0.127704
Ft3.1395	Ft3.3915	0.127666
Ft3.2836	Ft7.2602	0.127566
Ft2.904	Ft3.420	0.12666
Ft7.2640	Ft8.652	0.125998
Ft1.132	Ft1.1426	0.12556
Ft3.1980	Ft8.1232	0.12548
Ft3.5041	Ft4.1017	0.125012
Ft4.2693	Ft7.2198	0.12458
Ft3.5490	Ft8.4571	0.124499
Ft2.5740	Ft2.5951	0.124358
HiC_scaffold_5_2	iC_scaffold_5_24	0.124286
Ft3.3019	Ft4.4282	0.124272
Ft2.500	Ft7.2656	0.123844
HiC_scaffold_5_1	iC_scaffold_5_34	0.123548
Ft2.53	Ft3.4990	0.122802
Ft4.5424	Ft6.1187	0.122202
HiC_scaffold_5_	iC_scaffold_5_39	0.122066
Ft4.5865	Ft6.2198	0.121929
HiC_scaffold_5_2	iC_scaffold_5_36	0.12175
HiC_scaffold_5_1	iC_scaffold_5_13	0.121426
Ft7.331	Ft8.3878	0.121404
Ft7.2695	Ft7.3045	0.119992
Ft2.32	Ft2.3037	0.119877
HiC_scaffold_5_1	iC_scaffold_5_33	0.119847
Ft2.844	Ft4.4807	0.119313
HiC_scaffold_5_2	iC_scaffold_5_32	0.119225
Ft7.1649	Ft8.131	0.119097
Ft3.4107	Ft8.4527	0.119074
Ft7.330	Ft7.2695	0.119049

Fe2.4647	Fe3.7276	0.868056
Fe5.3273	Fe8.10526	0.867771
Fe2.3086	Fe3.12663	0.867767
Fe3.12019	Fe4.3619	0.867472
Fe2.4973	Fe3.6377	0.867462
Fe7.1835	Fe8.7136	0.867332
Fe5.12977	Fe7.12316	0.867228
Fe3.2057	Fe5.4229	0.867218
Fe6.6006	Fe8.5691	0.86706
Fe3.5648	Fe3.9813	0.866959
Fe2.4406	Fe7.7153	0.86694
Fe4.2673	Fe8.11223	0.866806
Fe3.1977	Fe4.13736	0.866791
Fe4.1218	Fe4.12231	0.866782
Fe2.12231	Fe8.1714	0.866642
Fe3.11056	Fe8.11756	0.866443
Fe5.2323	Fe7.7360	0.866116
Fe2.4922	Fe7.10999	0.866071
Fe4.14081	Fe6.544	0.865982
Fe1.2483	Fe4.11312	0.865884
Fe5.2064	Fe6.9754	0.865744
Fe3.8961	Fe5.5087	0.864786
Fe6.7446	Fe8.4850	0.864139
Fe4.1577	Fe6.1842	0.86395
Fe2.519	Fe5.1908	0.863637
Fe5.12454	Fe7.2120	0.863519
Fe1.8532	Fe8.8809	0.863517
Fe4.13526	Fe8.10402	0.863398
Fe6.3630	Fe7.4977	0.863346
Fe1.9303	Fe7.7223	0.863344
Fe3.7861	Fe6.6875	0.863107
Fe2.6967	Fe4.8047	0.86304
Fe4.14110	Fe5.4084	0.862774
Fe2.9070	Fe3.14510	0.862604
Fe6.794	Fe8.9889	0.862517
Fe2.156	Fe2.6151	0.862174
Fe1.473	Fe7.869	0.862135
Fe6.10236	Fe7.10646	0.862052
Fe1.5285	Fe5.8969	0.861966
Fe6.3630	Hic.scaffold.13.215	0.861645
Fe7.5554	Fe8.10802	0.861608
Fe5.9674	Fe8.11473	0.861552
Fe5.3199	Fe6.6430	0.861531
Fe6.1537	Fe6.2372	0.861504
Fe1.9047	Fe2.4406	0.861421
Fe2.9891	Fe3.12998	0.861335
Fe3.13366	Fe5.9102	0.861306
Fe3.2275	Fe7.3469	0.861218
Fe6.1947	Fe6.3451	0.860967
Fe2.5992	Fe3.8743	0.860852
Fe2.8595	Fe7.6321	0.86085
Fe5.12352	Fe7.1999	0.860847
Fe4.12249	Fe5.747	0.860482
Fe2.11591	Fe2.13706	0.860402
Fe4.8517	Fe5.10846	0.860009
Ft4.1877	Ft4.3815	0.118651
Ft3.2776	Ft4.2936	0.118596
Ft4.4803	HiC.scaffold.5.333	0.118467
Ft4.2249	Ft7.3021	0.118315
Ft4.4782	HiC.scaffold.5.338	0.117964
Ft3.1318	Ft4.1876	0.117958
HiC_scaffold_5_1	iC_scaffold_5_29	0.117718
Ft2.1778	Ft7.1657	0.117635
Ft2.4618	Ft6.1930	0.117617
HiC_scaffold_5_2	iC_scaffold_5_25	0.117471
HiC_scaffold_5_2	iC_scaffold_5_36	0.117453
Ft3.294	Ft4.4290	0.11743
Ft3.4867	Ft7.3115	0.117341
Ft7.4787	Ft7.5250	0.116999
HiC_scaffold_5_1	iC_scaffold_5_33	0.116915
Ft2.1451	Ft7.64	0.116914
Ft2.5987	Ft8.1586	0.116386
HiC_scaffold_5_2	iC_scaffold_5_27	0.116344
Ft4.4802	HiC.scaffold.5.146	0.116252
HiC_scaffold_5_1	iC_scaffold_5_34	0.11593
Ft4.950	Ft8.586	0.115751
Ft4.4802	HiC.scaffold.5.334	0.11571
HiC_scaffold_5_2	iC_scaffold_5_33	0.115613
HiC_scaffold_5_1	iC_scaffold_5_27	0.115441
Ft4.901	Ft4.5967	0.115261
HiC_scaffold_5_2	iC_scaffold_5_32	0.115224
Ft2.5789	Ft3.2331	0.114377
Ft2.4661	Ft8.1552	0.114357
Ft2.1537	Ft7.4904	0.113887
HiC_scaffold_5_1	iC_scaffold_5_26	0.113852
Ft3.2537	Ft7.1859	0.113648
Ft7.2986	Ft8.1313	0.113329
Ft4.4759	Ft4.4831	0.112499
Ft3.2752	Ft4.4807	0.112322
HiC_scaffold_5_1	iC_scaffold_5_26	0.112223
Ft3.1625	Ft4.18	0.111896
Ft4.1876	Ft8.3191	0.111211
Ft6.1638	Ft7.3122	0.111125
Ft3.1984	Ft7.2715	0.11101
Ft3.1473	Ft7.2695	0.110797
Ft2.686	Ft7.64	0.110734
Ft2.2898	Ft7.2715	0.110389
HiC_scaffold_5_1	iC_scaffold_5_36	0.109374
HiC_scaffold_5_2	iC_scaffold_5_33	0.109138
HiC_scaffold_5_1	iC_scaffold_5_34	0.108939
HiC_scaffold_5_3	iC_scaffold_5_39	0.108607
Ft3.4562	Ft8.3366	0.108051
Ft4.946	Ft4.2084	0.107971
HiC_scaffold_5_1	iC_scaffold_5_21	0.107088
Ft1.2765	Ft4.2107	0.106619
Ft5.1718	HiC.scaffold.5.16	0.106505
Ft5.875	Ft8.2558	0.106436
HiC_scaffold_5_1	iC_scaffold_5_37	0.106178
Ft4.2312	Ft7.1068	0.106069
Ft4.2196	Ft7.3046	0.10597

Fe8.1667	Fe8.8132	0.859944
Fe2.11621	Fe3.13548	0.859931
Fe3.5641	Fe3.12327	0.859799
Fe1.4911	Fe7.1642	0.859615
Fe2.11948	Fe8.7943	0.859385
Fe2.11211	Fe4.2538	0.859177
Fe7.6227	Fe8.4182	0.858995
Fe5.3231	Fe8.8948	0.858758
Fe4.9409	Fe8.4538	0.858538
Fe4.14423	Fe6.691	0.858479
Fe4.14557	Fe6.873	0.858474
Fe1.10100	Fe4.12412	0.858327
Fe2.11591	Fe4.2615	0.85823
Fe2.11430	Fe8.2773	0.858199
Fe2.13706	Fe4.2615	0.858069
Fe1.4415	Fe3.6199	0.857953
Fe4.12574	Hic.scaffold.10.505	0.8576
Fe7.4337	Hic.scaffold.10.155	0.85759
Fe1.7198	Fe7.5826	0.857562
Fe1.10031	Fe4.906	0.857553
Fe2.7813	Fe8.4046	0.857336
Fe1.2695	Fe4.11208	0.85731
Fe4.14163	Fe6.501	0.857168
Fe6.1728	Hic.scaffold.9.316	0.857134
Fe1.14425	Fe4.13714	0.857037
Fe2.12788	Fe4.5047	0.856817
Fe4.810	Fe8.8772	0.856667
Fe1.9073	Fe6.5583	0.85644
Fe1.9460	Fe7.6703	0.856397
Fe3.4102	Fe4.3717	0.856261
Fe5.13125	Fe7.3846	0.85614
Fe1.12661	Fe4.13555	0.855957
Fe2.10640	Fe5.3383	0.855743
Fe4.11581	Fe6.4201	0.855694
Fe1.5470	Fe3.9713	0.855663
Fe7.11687	Fe8.9678	0.8556
Fe7.177	Fe7.2969	0.855542
Fe2.10269	Fe5.12591	0.855455
Fe1.3702	Fe6.10064	0.855383
Fe1.7426	Fe4.8568	0.855223
Fe2.10269	Fe6.9369	0.854843
Fe6.9673	Fe8.689	0.854804
Fe5.150	Fe6.558	0.854553
Fe4.13258	Fe6.3103	0.854344
Fe1.10099	Fe3.6199	0.854329
Fe1.2926	Fe1.13839	0.854229
Fe3.9962	Fe3.12200	0.853744
Fe2.9761	Fe2.13217	0.853562
Fe6.3103	Fe6.11384	0.853528
Fe2.1133	Fe4.354	0.853126
Fe4.10224	Fe5.8373	0.853015
Fe8.2721	Fe8.4427	0.852817
Fe4.14070	Fe5.273	0.85276
Fe4.3895	Fe8.9666	0.852703
Fe3.187	Fe8.2864	0.852677
Ft4.4782	HiC.scaffold.5.369	0.10579
HiC_scaffold_5_2	iC_scaffold_5_32	0.105669
HiC_scaffold_5_1	liC_scaffold_5_32	0.105579
Ft2.2601	Ft2.5901	0.105536
Ft4.2157	Ft7.3115	0.105493
Ft7.410	Ft7.4125	0.105031
HiC_scaffold_5_2	iC_scaffold_5_25	0.105005
Ft3.954	Ft4.746	0.104991
Ft3.4017	Ft8.1661	0.104883
Ft3.879	Ft3.5128	0.104811
Ft3.1380	Ft4.2081	0.104592
Ft3.4762	Ft6.2550	0.104582
HiC_scaffold_5_1	liC_scaffold_5_37	0.104522
Ft3.1436	Ft7.3122	0.10409
Ft2.1546	Ft8.2966	0.1039
Ft2.1013	Ft2.1308	0.103489
Ft3.4991	Ft7.3064	0.103385
Ft4.4792	HiC.scaffold.5.345	0.103312
HiC_scaffold_5_1	liC_scaffold_5_34	0.103312
HiC_scaffold_5_(	iC_scaffold_5_34	0.103312
Ft4.5472	Ft8.1836	0.103277
Ft2.969	Ft3.1692	0.103254
Ft2.2898	Ft3.1984	0.103235
Ft3.2740	Ft7.1233	0.102861
Ft3.1318	Ft4.2196	0.102198
Ft4.5472	Ft7.3115	0.102155
Ft2.2601	Ft4.901	0.101993
Ft3.3404	Ft4.3846	0.101988
Ft3.1474	Ft4.3927	0.101675
Ft3.4435	Ft5.811	0.10154
Ft3.4973	Ft8.4726	0.101328
Ft8.525	Ft8.604	0.101291
Ft3.3093	Ft3.3235	0.101243
HiC_scaffold_5_1	iC_scaffold_5_23	0.100684
HiC_scaffold_5_1	iC_scaffold_5_27	0.100641
HiC_scaffold_5_1	liC_scaffold_5_17	0.100245
Ft3.1507	Ft7.1986	0.100208
Ft7.907	Ft8.4344	0.0995411
Ft4.18	Ft7.2199	0.0991843
Ft3.1696	Ft4.80	0.0983141
Ft6.1276	Ft7.3943	0.0980526
Ft4.3188	Ft8.799	0.0975546
Ft7.2602	Ft8.164	0.0973715
HiC_scaffold_5_2	iC_scaffold_5_37	0.0972509
Ft2.803	Ft2.2701	0.0970201
HiC_scaffold_5_1	liC_scaffold_5_33	0.0968502
Ft3.3449	Ft7.3122	0.0968456
HiC_scaffold_5_1	iC_scaffold_5_40	0.0965533
Ft3.1984	Ft4.3188	0.0959172
HiC_scaffold_5_2	iC_scaffold_5_33	0.0958018
Ft2.844	Ft2.5505	0.0956728
Ft2.3452	Ft8.3742	0.0953388
Ft4.1017	Ft7.3122	0.0942518
Ft7.1421	Ft7.1986	0.0933221
Ft2.1268	Ft4.475	0.0931886

Fe4.8154	Fe4.10727	0.852525
Fe3.5142	Fe7.5682	0.852418
Fe1.11790	Fe7.5488	0.85216
Fe1.14510	Fe3.14486	0.852101
Fe1.14468	Fe4.13775	0.851957
Fe2.4451	Fe4.6042	0.851856
Fe3.4305	Fe6.5777	0.851822
Fe3.152	Fe4.14226	0.85179
Fe2.13128	Fe3.13662	0.851771
Fe2.2207	Fe8.10091	0.851692
Fe1.97	Fe6.2276	0.851518
Fe3.13356	Fe7.869	0.850977
Fe4.1888	Fe8.11430	0.850491
Fe2.7566	Fe3.6199	0.850146
Fe6.9985	Fe7.7007	0.849838
Fe2.10267	Fe5.8845	0.84946
Fe4.11895	Fe6.5872	0.84933
Fe2.3081	Fe4.2975	0.849278
Fe5.412	Fe8.7750	0.849043
Fe3.14559	Fe8.11517	0.848682
Fe5.3257	Fe6.1844	0.84851
Fe1.905	Fe6.3116	0.848441
Fe4.12230	Fe6.1977	0.848326
Fe2.10269	Fe2.12287	0.848199
Fe2.14294	Fe8.10430	0.84811
Fe4.6220	Fe5.1198	0.84808
Fe4.1716	Fe5.1613	0.847911
Fe6.9772	Fe8.3745	0.847883
Fe6.5364	Fe8.6286	0.847875
Fe1.310	Fe2.12111	0.847867
Fe7.4370	Fe8.3307	0.847851
Fe1.14321	Fe6.4991	0.8478
Fe1.2421	Fe6.5336	0.847761
Fe2.4451	Fe5.6472	0.847727
Fe5.11980	Fe7.41	0.847715
Fe2.1245	Fe2.13825	0.847622
Fe1.10154	Fe3.13346	0.847504
Fe2.1397	Fe7.6018	0.847474
Fe1.1933	Fe6.3866	0.847464
Fe1.14054	Fe4.11577	0.847432
Fe4.2094	Fe8.10909	0.847304
Fe4.14158	Fe6.515	0.847183
Fe2.13593	Fe4.2899	0.847009
Fe1.113	Fe6.2223	0.84683
Fe2.4922	Fe8.732	0.84678
Fe1.1517	Fe3.4638	0.846644
Fe5.2418	Fe5.6155	0.846502
Fe1.2603	Fe1.4755	0.845926
Fe4.786	Fe4.12675	0.845556
Fe5.12722	Fe7.82	0.84553
Fe2.10776	Fe3.13987	0.84545
Fe2.13871	Fe8.5890	0.845341
Fe4.14361	Fe5.93	0.845289
Fe3.4856	Fe7.7153	0.84522
Fe1.9662	Fe4.1206	0.845101
Ft7.5019	Ft8.1686	0.0929651
HiC_scaffold_5_	iC_scaffold_5_18	0.0924556
Ft6.3091	Ft8.3442	0.0924234
HiC_scaffold_5_	iC_scaffold_5_18	0.0922177
Ft3.1786	Ft4.962	0.0920386
Ft3.3449	Ft7.47	0.0917701
Ft3.4762	Ft4.4114	0.0912704
Ft3.1984	Ft8.2405	0.0908082
Ft7.2987	Ft8.713	0.0905434
Ft4.3846	Ft7.970	0.0903551
HiC_scaffold_5_	iC_scaffold_5_34	0.0901965
HiC_scaffold_5_1	iC_scaffold_5_36	0.0900005
Ft4.1737	Ft4.3717	0.0898707
Ft4.2196	Ft7.2986	0.0895451
Ft2.461	Ft3.3710	0.0894127
Ft2.2618	Ft7.393	0.0892589
Ft7.3115	Ft8.4843	0.0890286
Ft2.5232	Ft2.5991	0.0889636
Ft4.4793	HiC.scaffold.5.371	0.0889138
Ft4.4793	HiC.scaffold.5.81	0.0889138
HiC_scaffold_5_1	iC_scaffold_5_37	0.0889138
HiC_scaffold_5_1	iC_scaffold_5_37	0.0889138
Ft4.961	Ft8.604	0.0886831
Ft3.1436	Ft4.4807	0.0883309
HiC_scaffold_5_	iC_scaffold_5_24	0.0883148
Ft1.1591	Ft7.4867	0.0881912
Ft4.4777	HiC.scaffold.5.89	0.0881684
Ft3.3014	Ft4.2935	0.0879797
Ft6.2453	Ft8.2831	0.0879607
Ft6.3247	Ft8.1533	0.0875756
Ft3.320	Ft8.4720	0.0873492
Ft3.3263	Ft4.901	0.087125
Ft2.919	Ft2.3628	0.0861618
Ft2.393	Ft2.5740	0.0859959
Ft4.4777	HiC.scaffold.5.145	0.0859751
HiC_scaffold_5_2	iC_scaffold_5_35	0.085912
Ft4.4780	HiC.scaffold.5.26	0.0855809
Ft2.662	Ft3.1380	0.0853338
Ft8.1615	Ft8.3429	0.0851189
Ft3.4145	Ft4.4313	0.0848049
HiC_scaffold_5_	iC_scaffold_5_33	0.0845566
Ft3.3404	Ft8.749	0.0843619
Ft3.3425	Ft4.946	0.0842857
Ft4.4782	HiC.scaffold.5.113	0.0841375
Ft2.2601	Ft3.1796	0.0840222
Ft2.3137	Ft4.3660	0.0835733
Ft4.4778	HiC.scaffold.5.25	0.0835704
HiC_scaffold_5_	iC_scaffold_5_23	0.0835505
HiC_scaffold_5_1	iC_scaffold_5_27	0.0835474
Ft2.4509	Ft4.4911	0.0832113
Ft2.5901	Ft4.950	0.0831027
HiC_scaffold_5_	iC_scaffold_5_27	0.0825683
Ft4.2935	Ft8.2966	0.0822358
HiC_scaffold_5_1	iC_scaffold_5_29	0.0819858
Ft3.3013	Ft4.2936	0.0813502

Fe1.13463	Fe4.13943	0.844831
Fe2.9916	Fe2.13280	0.844379
Fe1.2603	Fe3.9813	0.844348
Fe3.4568	Fe4.7634	0.844287
Fe1.306	Fe6.2039	0.844155
Fe2.9740	Fe8.10680	0.844112
Fe7.2968	Fe8.8366	0.843536
Fe4.806	Fe4.12340	0.843529
Fe5.6155	Fe7.3277	0.843489
Fe6.5336	Fe7.11335	0.843488
Fe1.14528	Fe2.8966	0.843337
Fe1.717	Fe5.14163	0.843238
Fe1.14588	Hic.scaffold.11.151	0.843183
Fe1.11454	Fe4.454	0.84305
Fe5.10544	Fe6.8279	0.842996
Fe3.10717	Fe6.9702	0.842978
Fe2.2386	Fe4.1075	0.842957
Fe1.4415	Fe2.4138	0.842928
Fe2.6240	Fe6.30	0.842667
Fe3.666	Fe6.375	0.84259
Fe4.7514	Fe8.2639	0.842228
Fe2.4451	Fe3.7455	0.842045
Fe5.100	Fe6.3506	0.841967
Fe2.8526	Fe7.1601	0.841624
Fe5.10941	Fe7.313	0.841327
Fe2.10587	Fe3.9125	0.841241
Fe2.8822	Fe3.6199	0.841159
Fe4.5893	Fe6.9702	0.840877
Fe4.11801	Fe6.3916	0.840733
Fe3.490	Fe8.7461	0.840622
Fe2.10269	Fe5.3926	0.840525
Fe5.2284	Fe5.2326	0.840521
Fe3.6430	Fe6.92	0.84052
Fe2.13796	Fe8.11546	0.840494
Fe2.2779	Fe4.1245	0.840305
Fe7.1701	Fe7.3599	0.840122
Fe2.2820	Fe8.9577	0.839633
Fe1.1907	Fe6.3842	0.839631
Fe3.12097	Fe5.14144	0.839453
Fe6.9702	Fe8.9714	0.839294
Fe4.1915	Fe4.8402	0.839291
Fe1.9444	Hic.scaffold.12.186	0.83924
Fe1.1220	Fe6.3393	0.839056
Fe3.4705	Fe5.8034	0.839021
Fe1.10460	Fe7.11828	0.838875
Fe2.8765	Fe2.13843	0.838375
Fe4.4956	Fe6.9702	0.838327
Fe1.3335	Fe7.11455	0.838279
Fe3.514	Fe8.7528	0.83786
Fe3.9249	Fe5.4976	0.837489
Fe3.2940	Fe7.12005	0.836931
Fe2.2259	Fe4.897	0.836485
Fe3.12200	Fe8.3595	0.83643
Fe6.5293	Fe7.7648	0.836263
Fe6.5135	Fe7.8437	0.835886
Ft2.1778	Ft2.3198	0.0812189
HiC_scaffold_5_2	iC_scaffold_5_33	0.0807433
Ft4.4794	HiC.scaffold.5.370	0.0806226
Ft2.2856	Ft3.879	0.080576
Ft4.4777	HiC.scaffold.5.368	0.0804911
Ft5.1709	HiC.scaffold.5.180	0.0801167
Ft3.855	Ft4.5424	0.0793268
Ft1.255	Ft6.856	0.0786071
Ft2.2601	Ft7.1421	0.0784492
Ft6.1735	Ft7.4994	0.0782318
Ft3.1796	Ft4.5967	0.0781007
HiC_scaffold_5_1	iC_scaffold_5_33	0.0779561
Ft3.3263	Ft3.3449	0.0777603
Ft4.2694	Ft7.2199	0.0777252
HiC_scaffold_5_	iC_scaffold_5_19	0.07771
HiC_scaffold_5_	iC_scaffold_5_37	0.07771
HiC_scaffold_5_1	iC_scaffold_5_25	0.0772881
HiC_scaffold_5_2	iC_scaffold_5_35	0.0772881
Ft3.3631	Ft7.2925	0.0771105
Ft4.3391	Ft5.2781	0.0762729
Ft7.1099	Ft7.1343	0.0762625
HiC_scaffold_5_2	iC_scaffold_5_27	0.0762461
Ft5.107	Ft5.618	0.0758737
HiC_scaffold_5_2	iC_scaffold_5_37	0.0756002
HiC_scaffold_5_	iC_scaffold_5_28	0.0756002
HiC_scaffold_5_1	iC_scaffold_5_39	0.0755397
HiC_scaffold_5_	iC_scaffold_5_27	0.0755358
Ft1.883	Ft2.377	0.0747779
HiC_scaffold_5_2	iC_scaffold_5_35	0.074616
Ft3.1796	Ft3.5351	0.0743443
HiC_scaffold_5_	iC_scaffold_5_36	0.0742905
Ft2.5601	Ft4.5472	0.0739843
Ft2.4412	Ft3.5563	0.073697
Ft4.4800	HiC.scaffold.5.198	0.0735768
HiC_scaffold_5_1	iC_scaffold_5_37	0.0735768
HiC_scaffold_5_	iC_scaffold_5_19	0.0735768
Ft4.4066	Ft8.797	0.0733448
Ft7.2724	Ft8.2966	0.073342
HiC_scaffold_5_1	iC_scaffold_5_24	0.07334
Ft3.476	Ft4.5424	0.0730885
Ft1.1630	Ft8.2830	0.0730323
HiC_scaffold_5_	iC_scaffold_5_32	0.0729679
HiC_scaffold_5_	iC_scaffold_5_37	0.0727084
HiC_scaffold_5_	iC_scaffold_5_34	0.0726943
HiC_scaffold_5_	iC_scaffold_5_38	0.0726943
Ft4.4802	HiC.scaffold.5.114	0.0723308
Ft7.3211	Ft8.2549	0.0719473
HiC_scaffold_5_1	iC_scaffold_5_29	0.0716653
Ft4.4803	HiC.scaffold.5.192	0.0716197
HiC_scaffold_5_2	iC_scaffold_5_34	0.0705171
Ft3.2828	Ft8.3878	0.0704944
Ft2.2697	Ft3.4395	0.0703109
Ft2.473	Ft2.4627	0.0699836
Ft2.969	Ft3.1300	0.069557
Ft3.1422	Ft7.3359	0.0695394

Fe4.6343	Fe7.657	0.835883
Fe1.8778	Fe5.3293	0.835611
Fe1.14372	Fe8.7886	0.835528
Fe1.9609	Fe4.1218	0.835361
Fe2.4922	Fe5.8013	0.834998
Fe1.11991	Fe4.13425	0.834723
Fe4.13266	Fe6.5084	0.834561
Fe4.4146	Fe7.12691	0.834542
Fe3.12325	Fe5.13901	0.834464
Fe1.11476	Fe6.9322	0.834392
Fe2.4647	Fe7.12784	0.834228
Fe2.2473	Fe4.1124	0.834148
Fe4.12165	Fe5.707	0.834104
Fe2.5185	Fe7.3090	0.833801
Fe2.5664	Fe6.9702	0.833795
Fe2.10606	Fe6.10526	0.833685
Fe2.9834	Fe3.12958	0.833635
Fe5.14450	Fe7.2511	0.833634
Fe5.12386	Fe7.2018	0.833588
Fe6.5797	Fe8.7750	0.833428
Fe8.3507	Fe8.10029	0.833292
Fe4.3515	Fe5.12158	0.833245
Fe5.3172	Fe6.5872	0.833168
Fe1.2227	Fe1.14055	0.833011
Fe2.4858	Fe6.9702	0.832963
Fe4.6000	Fe6.1843	0.832791
Fe1.12855	Fe4.10665	0.832719
Fe5.13920	Fe5.14117	0.832641
Fe6.8310	Fe8.1754	0.832613
Fe5.9409	Fe8.2330	0.832484
Fe3.10524	Fe4.4041	0.832342
Fe3.8947	Fe5.4975	0.832291
Fe1.14521	Fe5.9611	0.83224
Fe5.11712	Fe6.8334	0.832143
Fe3.14390	Fe8.11534	0.831974
Fe2.12806	Fe4.5513	0.83192
Fe7.8801	Fe8.5493	0.831589
Fe3.6199	Fe3.9125	0.831342
Fe2.12803	Fe8.9192	0.831112
Fe5.10653	Fe7.406	0.830643
Fe4.1250	Fe8.9577	0.830621
Fe1.13932	Fe6.4474	0.830385
Fe1.6870	Fe2.4628	0.830376
Fe1.7254	Fe6.7616	0.830253
Fe3.1323	Fe8.1628	0.83023
Fe2.14195	Fe3.14104	0.830209
Fe2.2560	Fe6.9369	0.830198
Fe1.10896	Hic.scaffold.9.227	0.830155
Fe2.3702	Fe4.11720	0.830009
Fe3.11990	Fe6.5029	0.829893
Fe3.6199	Fe7.3148	0.82988
Fe4.3071	Fe8.10490	0.829865
Fe8.9226	Fe8.9530	0.829646
Fe2.11578	Fe2.13722	0.828938
Fe3.1216	Fe8.2266	0.828847

Ft2.162	Ft8.4736	0.0694186
Ft2.5901	Ft3.855	0.069362
Ft4.2145	Ft7.4904	0.069097
HiC_scaffold_5_1	HiC_scaffold_5_34	0.0686145
Ft5.2893	Ft6.2359	0.0682724
Ft2.2226	Ft8.4726	0.0679895
Ft3.5041	Ft4.1438	0.0678202
Ft3.1319	Ft4.1877	0.0675345
Ft4.2803	Ft8.799	0.0675173
Ft2.3302	Ft8.525	0.0674298
Ft5.1705	HiC.scaffold.5.147	0.0673553
HiC_scaffold_5_1	HiC_scaffold_5_20	0.0672899
HiC_scaffold_5_1	HiC_scaffold_5_37	0.0670498
HiC_scaffold_5_1	HiC_scaffold_5_37	0.0670498
Ft3.855	Ft3.3263	0.0669922
HiC_scaffold_5_2	HiC_scaffold_5_27	0.0669427
Ft5.1715	HiC.scaffold.5.197	0.0661276
Ft5.1715	HiC.scaffold.5.22	0.0661276
Ft5.1715	HiC.scaffold.5.381	0.0661276
Ft1.2802	Ft3.4572	0.0661163
Ft4.2200	Ft7.3064	0.0659094
Ft2.4329	Ft3.4991	0.0655789
Ft2.2227	Ft8.4725	0.0648781
Ft4.4794	HiC.scaffold.5.207	0.0646022
HiC_scaffold_5_1	HiC_scaffold_5_36	0.0645815
Ft2.2612	Ft8.1259	0.0644255
Ft3.1786	Ft3.2776	0.0644219
HiC_scaffold_5_1	HiC_scaffold_5_36	0.0643101
Ft4.4065	Ft8.798	0.0640436
Ft2.863	Ft2.4702	0.0640071
Ft3.3421	Ft8.250	0.0634734
Ft4.4795	HiC.scaffold.5.90	0.0633199
HiC_scaffold_5_2	HiC_scaffold_5_37	0.0631593
Ft2.2531	Ft2.2541	0.0630199
Ft2.539	Ft6.2057	0.0622791
HiC_scaffold_5_1	HiC_scaffold_5_33	0.0611954
Ft4.1877	Ft7.2987	0.0610994
Ft6.2692	Ft7.894	0.0608734
HiC_scaffold_5_1	HiC_scaffold_5_36	0.0602033
Ft2.1265	Ft4.484	0.0601908
Ft6.690	Ft8.3249	0.059809
Ft4.4888	Ft6.796	0.0597562
Ft4.2694	Ft7.2724	0.0596332
Ft2.2849	Ft7.673	0.059546
HiC_scaffold_5_1	HiC_scaffold_5_34	0.0594127
Ft3.855	Ft8.799	0.0593795
Ft2.3037	Ft3.1380	0.0593087
Ft4.4066	Ft8.3735	0.0592431
HiC_scaffold_5_2	HiC_scaffold_5_37	0.0592078
Ft3.1507	Ft3.5351	0.0591988
HiC_scaffold_5_2	HiC_scaffold_5_37	0.0591301
Ft3.1296	Ft6.1838	0.0588105
Ft2.688	Ft7.62	0.0584307
Ft2.445	Ft2.1733	0.0584132
Ft4.4792	Ft4.4797	0.0583353

Fe1.10099	Fe4.8154	0.828744
Fe6.5082	Fe8.8552	0.8285
Fe2.10247	Fe3.13440	0.828228
Fe1.1917	Fe6.3835	0.828157
Fe5.1163	Fe5.3271	0.828062
Fe5.56	Fe6.732	0.828041
Fe7.10999	Fe8.2825	0.827337
Fe3.10013	Fe8.11825	0.827272
Fe3.429	Fe8.7029	0.827266
Fe6.10704	Fe7.4977	0.827039
Fe1.11202	Fe5.1157	0.826802
Fe2.9471	Fe2.12940	0.825758
Fe3.8790	Fe6.10301	0.825265
Fe3.4223	Fe6.10301	0.825203
Fe2.10269	Fe4.5893	0.824911
Fe5.12147	Fe7.19	0.82483
Fe4.10562	Fe6.12187	0.82476
Fe2.6240	Fe4.10645	0.824674
Fe1.2911	Fe1.3197	0.824388
Fe2.11294	Fe4.2975	0.823439
Fe4.2918	Fe7.5257	0.823275
Fe1.409	Fe6.2575	0.823255
Fe1.1491	Fe6.3576	0.823145
Fe5.12452	Fe7.2118	0.82296
Fe3.6221	Fe6.3448	0.822876
Fe7.7153	Fe7.12145	0.822697
Fe4.4434	Fe8.9536	0.822399
Fe7.3043	Fe8.8160	0.822215
Fe3.5203	Fe8.3914	0.822154
Fe1.7932	Fe8.9825	0.822079
Fe3.420	Fe6.1761	0.822004
Fe2.4922	Fe3.4401	0.821957
Fe2.12596	Fe4.4299	0.821881
Fe5.10496	Fe7.433	0.821657
Fe1.10367	Fe2.1974	0.821635
Fe1.10636	Fe6.8035	0.82155
Fe1.2421	Fe7.12145	0.821475
Fe2.9975	Fe3.13129	0.82144
Fe2.11627	Fe4.2665	0.821292
Fe4.14350	Fe6.649	0.821141
Fe4.11990	Fe5.594	0.821026
Fe3.4679	Fe8.2306	0.820944
Fe3.4446	Fe8.1888	0.82055
Fe2.12559	Fe8.9649	0.820353
Fe1.14249	Fe4.2199	0.820311
Fe5.8785	Fe7.9790	0.820046
Fe1.1354	Fe6.3495	0.819874
Fe1.2078	Fe4.11750	0.819359
Fe4.13058	Fe5.1157	0.819328
Fe1.13849	Fe4.11042	0.81923
Fe1.3771	Fe5.7886	0.818883
Fe1.14376	Fe3.2116	0.818814
Fe6.7777	Fe7.11405	0.818679
Fe4.676	Hic.scaffold.13.236	0.818437
Fe2.13069	Fe4.2260	0.818294
Ft3.840	Ft3.1887	0.0578782
HiC_scaffold_5_2	iC_scaffold_5_36	0.0577701
HiC_scaffold_5_1	iC_scaffold_5_23	0.0572735
Ft4.2684	Ft8.2961	0.0567905
HiC_scaffold_5_1	iC_scaffold_5_28	0.0566115
Ft3.3618	Ft4.2799	0.0565596
HiC_scaffold_5_2	iC_scaffold_5_32	0.056388
Ft3.1319	Ft4.3847	0.0563258
HiC_scaffold_5_1	iC_scaffold_5_16	0.0561594
Ft4.4777	HiC.scaffold.5.348	0.0561422
HiC_scaffold_5_3	iC_scaffold_5_37	0.0559777
Ft5.1709	HiC.scaffold.5.85	0.0557149
Ft3.3449	Ft4.901	0.0545986
HiC_scaffold_5_2	iC_scaffold_5_33	0.0542906
Ft3.913	Ft8.3478	0.05394
Ft2.2392	Ft6.1239	0.0538105
HiC_scaffold_5_1	iC_scaffold_5_28	0.0537747
Ft2.2530	Ft2.2542	0.053502
Ft7.2199	Ft8.604	0.0533991
Ft7.3046	Ft8.3878	0.0531694
Ft4.5424	Ft4.5967	0.0523175
Ft1.1730	Ft5.2649	0.0522963
Ft4.4778	HiC.scaffold.5.234	0.0520184
Ft2.4627	Ft4.2155	0.0519666
Ft3.3555	Ft3.4166	0.0518568
HiC_scaffold_5_6	iC_scaffold_5_28	0.0517473
Ft7.3072	Ft8.3989	0.0516361
Ft4.4793	HiC.scaffold.5.173	0.0511208
HiC_scaffold_5_2	iC_scaffold_5_32	0.0510499
HiC_scaffold_5_6	iC_scaffold_5_28	0.050933
Ft3.3617	Ft4.2798	0.0505215
HiC_scaffold_5_1	iC_scaffold_5_37	0.0493641
HiC_scaffold_5_6	iC_scaffold_5_34	0.0490201
HiC_scaffold_5_1	iC_scaffold_5_33	0.0488205
HiC_scaffold_5_6	iC_scaffold_5_14	0.0486371
Ft3.1380	Ft7.4510	0.0482223
Ft3.4208	Ft4.2155	0.0477509
Ft4.4792	HiC.scaffold.5.102	0.0471876
HiC_scaffold_5_1	iC_scaffold_5_33	0.0468933
Ft4.961	Ft8.2966	0.0466822
Ft3.1975	Ft4.3212	0.0465624
Ft2.863	Ft3.3345	0.0455599
HiC_scaffold_5_1	iC_scaffold_5_28	0.0453943
Ft4.2196	Ft8.1313	0.0442819
Ft5.1600	Ft7.3543	0.0440357
Ft3.1474	Ft7.3046	0.0439422
Ft3.3477	Ft4.531	0.0435067
Ft4.5424	Ft7.3122	0.0431219
HiC_scaffold_5_6	iC_scaffold_5_37	0.0425126
HiC_scaffold_5_1	iC_scaffold_5_34	0.0416906
Ft1.1574	Ft1.1736	0.0415866
Ft2.445	Ft4.3844	0.0410843
Ft2.5232	Ft4.5424	0.0404933
HiC_scaffold_5_1	iC_scaffold_5_33	0.0402044
Ft2.4661	Ft4.5472	0.0402037

Fe4.2199	Fe4.2828	0.818269
Fe1.2538	Fe7.12784	0.817667
Fe1.5763	Fe1.10939	0.817653
Fe4.3461	Fe5.12112	0.817146
Fe2.1128	Fe4.345	0.816801
Fe2.12263	Fe7.1047	0.816614
Fe5.1691	Fe5.3559	0.816596
Fe2.9650	Fe8.10962	0.816512
Fe4.12514	Hic.scaffold.10.513	0.816089
Fe4.1808	Fe8.732	0.816019
Fe2.14164	Fe4.2406	0.815795
Fe5.9654	Fe8.11514	0.815565
Fe4.906	Fe4.12503	0.815203
Fe2.12252	Fe4.10217	0.815173
Fe1.3758	Fe5.1970	0.814706
Fe2.12898	Fe8.8961	0.814663
Fe4.9876	Fe7.1584	0.814448
Fe4.14363	Fe6.663	0.814322
Fe2.12878	Fe4.6053	0.814295
Fe4.13903	Fe6.3345	0.813368
Fe2.13517	Fe4.3345	0.813056
Fe2.7149	Fe3.12666	0.812671
Fe1.7155	Fe8.4415	0.812657
Fe2.10269	Fe4.3860	0.812447
Fe1.111	Fe6.2226	0.8123
Fe1.14521	Fe4.1991	0.812255
Fe7.7415	Fe8.3746	0.812199
Fe3.5975	Fe6.12154	0.812115
Fe1.4441	Fe7.5753	0.811959
Fe2.1382	Fe4.13089	0.811863
Fe1.14125	Fe4.11763	0.811489
Fe1.6475	Fe7.3463	0.811388
Fe3.49	Fe7.4261	0.811181
Fe2.11131	Fe2.13513	0.811107
Fe1.6978	Fe5.11118	0.810823
Fe1.509	Fe6.2596	0.810822
Fe6.9494	Fe7.7282	0.810778
Fe2.10231	Fe2.13310	0.810661
Fe3.4152	Fe4.3037	0.810607
Fe1.1346	Fe6.3494	0.809968
Fe7.7153	Fe8.2555	0.809872
Fe2.101	Fe7.10960	0.809701
Fe1.952	Fe1.14631	0.809647
Fe2.523	Fe5.1895	0.809537
Fe1.10668	Fe4.591	0.809535
Fe2.5085	Fe7.5014	0.80944
Fe4.9665	Fe7.12315	0.809404
Fe3.4112	Fe7.7243	0.809205
Fe3.426	Fe8.7021	0.808961
Fe2.13569	Fe2.14102	0.808881
Fe2.11726	Fe4.8339	0.808826
Fe4.13002	Fe5.1144	0.808401
Fe4.3924	Fe4.11443	0.808291
Fe3.13423	Fe4.9661	0.808271
Fe2.11972	Fe4.2854	0.807695
Ft2.4359	Ft2.4363	0.0401574
HiC_scaffold_5_2	iC_scaffold_5_37	0.0400542
HiC_scaffold_5_2	iC_scaffold_5_37	0.0397991
Ft2.4702	Ft6.3334	0.0391644
Ft7.2198	Ft8.605	0.039162
HiC_scaffold_5_1	iC_scaffold_5_34	0.038966
Ft3.3263	Ft7.3122	0.0388497
HiC_scaffold_5_1	iC_scaffold_5_36	0.0385661
HiC_scaffold_5_2	iC_scaffold_5_37	0.0383505
HiC_scaffold_5_2	iC_scaffold_5_37	0.0383505
Ft2.863	Ft6.160	0.0381248
HiC_scaffold_5_2	iC_scaffold_5_32	0.0373951
Ft4.2200	Ft6.2490	0.0373248
Ft2.1270	Ft4.474	0.036735
HiC_scaffold_5_1	iC_scaffold_5_40	0.0367079
HiC_scaffold_5_1	iC_scaffold_5_37	0.0360624
HiC_scaffold_5_3	iC_scaffold_5_36	0.0359871
HiC_scaffold_5_1	iC_scaffold_5_36	0.0356031
Ft4.2196	Ft8.749	0.035448
Ft5.1705	HiC.scaffold.5.27	0.0347891
HiC_scaffold_5_1	iC_scaffold_5_37	0.0346183
Ft2.5901	Ft8.1492	0.0341065
Ft2.844	Ft3.2509	0.0331962
Ft3.4973	Ft8.2123	0.0330437
Ft2.5505	Ft3.1796	0.0315369
Ft5.1711	HiC.scaffold.5.373	0.0310827
Ft5.1711	HiC.scaffold.5.65	0.0310827
HiC_scaffold_5_1	iC_scaffold_5_36	0.0309551
Ft4.3847	Ft7.3045	0.030937
Ft7.913	Ft8.4484	0.0309102
Ft4.4047	Ft5.1093	0.0308946
Ft5.1705	HiC.scaffold.5.333	0.0308393
Ft2.473	Ft6.2851	0.0307345
Ft8.447	Ft8.2454	0.0306645
Ft7.330	Ft8.3879	0.0305595
Ft3.1796	Ft4.950	0.0300781
Ft5.1713	HiC.scaffold.5.23	0.0298499
HiC_scaffold_5_2	iC_scaffold_5_39	0.0296497
HiC_scaffold_5_1	iC_scaffold_5_29	0.0294685
Ft2.3389	Ft7.2148	0.0293679
Ft4.3690	Ft4.5424	0.0287402
Ft2.359	Ft7.3954	0.0282313
Ft3.1473	Ft8.3879	0.0278456
Ft4.4800	HiC.scaffold.5.102	0.0275592
HiC_scaffold_5_1	iC_scaffold_5_37	0.0275592
Ft2.844	Ft2.5901	0.0275198
Ft4.4778	HiC.scaffold.5.398	0.0268928
Ft6.1741	Ft8.1921	0.0268383
Ft5.1717	HiC.scaffold.5.383	0.0266558
Ft5.1717	HiC.scaffold.5.198	0.0266532
Ft8.799	Ft8.2236	0.0265006
Ft4.3926	Ft8.713	0.0254154
Ft2.357	Ft7.3956	0.0244628
HiC_scaffold_5_1	iC_scaffold_5_34	0.0244613
HiC_scaffold_5_2	iC_scaffold_5_39	0.0240016

Fe4.2097	Fe7.3148	0.807382
Fe2.2778	Fe4.1244	0.807364
Fe2.10269	Hic.scaffold.9.268	0.807254
Fe5.12568	Fe7.2173	0.807077
Fe1.1522	Fe6.3641	0.806989
Fe2.4928	Fe6.93	0.80679
Fe1.5440	Fe4.5595	0.806775
Fe4.14201	Fe5.152	0.806624
Fe3.8693	Fe8.3745	0.806244
Fe1.13739	Fe4.13815	0.806141
Fe1.6231	Fe6.6275	0.80601
Fe1.7165	Fe5.4976	0.805998
Fe4.11581	Fe6.7439	0.805935
Fe1.14434	Fe3.2027	0.805897
Fe1.6690	Fe6.9837	0.805795
Fe2.3702	Fe3.4114	0.805781
Fe4.4599	Fe5.12764	0.805362
Fe1.10399	Fe3.5771	0.805293
Fe2.8991	Fe8.11514	0.805239
Fe6.9676	Fe7.795	0.805037
Fe2.1164	Fe4.389	0.804946
Fe3.14240	Fe6.3630	0.804444
Fe2.3085	Hic.scaffold.9.129	0.804339
Fe5.9686	Fe8.11472	0.804172
Fe3.585	Fe8.7633	0.803941
Fe2.11628	Fe4.2667	0.803799
Fe3.3218	Fe7.11297	0.803728
Fe2.14071	Fe4.2856	0.803704
Fe2.8697	Fe5.6175	0.803702
Fe6.12141	Fe7.738	0.803523
Fe5.12976	Fe7.12315	0.803427
Fe1.12048	Fe5.1241	0.80327
Fe6.7598	Fe8.5198	0.803168
Fe3.227	Fe5.4102	0.802949
Fe5.6186	Fe5.6781	0.802896
Fe2.2560	Fe6.3468	0.802863
Fe1.14631	Fe8.10471	0.802846
Fe4.14502	Fe8.9822	0.802695
Fe2.1245	Fe3.12037	0.802457
Fe6.2438	Fe7.4491	0.80175
Fe5.14391	Fe7.13246	0.801709
Fe2.13597	Fe8.11317	0.801654
Fe1.7329	Fe6.9419	0.801447
Fe5.10627	Fe7.409	0.801407
Fe3.10524	Fe8.9686	0.801196
Fe1.12189	Fe5.1222	0.801127
Fe6.1176	Fe7.4224	0.801102
Fe2.13830	Fe8.10032	0.801086
Fe4.1697	Fe6.9702	0.801077
Fe5.469	Fe6.1234	0.801076
Fe6.11136	Fe7.1146	0.800924
Fe1.10099	Fe7.12691	0.800685
Fe4.5556	Fe6.12295	0.800642
Fe2.12792	Fe4.5087	0.800598
Fe1.10863	Fe7.3090	0.800519

HiC_scaffold_5_2	iC_scaffold_5_36	0.0238999
HiC_scaffold_5_2	iC_scaffold_5_34	0.0238726
HiC_scaffold_5_2	iC_scaffold_5_36	0.0237112
HiC_scaffold_5_1	iC_scaffold_5_10	0.0225865
Ft4.80	Ft7.3122	0.0223758
HiC_scaffold_5_1	iC_scaffold_5_37	0.0213432
Ft2.2500	Ft7.2656	0.0211071
Ft5.1705	HiC.scaffold.5.134	0.0208917
Ft4.4794	HiC.scaffold.5.398	0.0204644
HiC_scaffold_5_1	iC_scaffold_5_39	0.0202084
Ft7.1814	Ft8.713	0.0195634
HiC_scaffold_5_1	iC_scaffold_5_34	0.0195477
HiC_scaffold_5_1	iC_scaffold_5_34	0.0194941
HiC_scaffold_5_1	iC_scaffold_5_26	0.0191219
HiC_scaffold_5_1	iC_scaffold_5_36	0.0190121
HiC_scaffold_5_1	iC_scaffold_5_25	0.0189659
Ft2.3303	Ft3.2776	0.0181914
Ft2.3104	Ft7.354	0.0179138
HiC_scaffold_5_1	iC_scaffold_5_37	0.0178975
HiC_scaffold_5_2	iC_scaffold_5_36	0.0175494
Ft4.4794	Ft5.1707	0.0174304
Ft2.5232	Ft7.3122	0.0166675
Ft2.4627	Ft4.3808	0.016657
HiC_scaffold_5_1	iC_scaffold_5_32	0.0164332
Ft2.473	Ft4.1508	0.0163147
Ft2.5232	Ft4.5967	0.0162706
HiC_scaffold_5_1	iC_scaffold_5_39	0.0160207
Ft2.5901	Ft4.80	0.0150264
Ft3.3197	Ft4.185	0.0147473
HiC_scaffold_5_2	iC_scaffold_5_37	0.0147045
HiC_scaffold_5_1	iC_scaffold_5_39	0.0146287
Ft7.3172	Ft8.704	0.013475
Ft6.694	Ft7.330	0.0133057
Ft2.3790	Ft7.1233	0.0132749
HiC_scaffold_5_1	iC_scaffold_5_39	0.0104182
Ft2.5901	Ft7.1421	0.0101662
HiC_scaffold_5_1	iC_scaffold_5_39	0.00958158
Ft4.4803	HiC.scaffold.5.134	0.00872275
Ft4.1876	Ft7.3046	0.00827557
HiC_scaffold_5_2	iC_scaffold_5_36	0.00799066
Ft3.1473	Ft4.1877	0.00732641

Fe3.8823	Fe8.4415	0.800407
Fe2.10601	Fe3.13728	0.800402
Fe2.335	Fe4.12391	0.800389
Fe4.5602	Fe6.1896	0.800315
Fe3.4401	Fe5.6155	0.800289
Fe4.7347	Fe5.6051	0.800289
Fe2.8909	Fe2.11571	0.800271
Fe1.2271	Fe6.3570	0.800197
Fe4.9353	Fe6.5193	0.799804
Fe7.844	Fe8.5456	0.799765
Fe4.13344	Fe5.1222	0.799688
Fe8.8699	Hic.scaffold.11.346	0.799674
Fe7.9354	Fe7.11368	0.799627
Fe1.2180	Fe4.11585	0.799626
Fe5.11428	Fe6.3172	0.799514
Fe1.7165	Fe3.6239	0.799496
Fe1.12729	Fe4.13580	0.799005
Fe1.14528	Fe4.1959	0.798487
Fe1.1927	Fe4.11817	0.798487
Fe2.6955	Fe8.10857	0.798374
Fe4.11769	Fe6.7459	0.79837
Fe1.10148	Hic.scaffold.10.447	0.798339
Fe4.4146	Fe8.3656	0.797507
Fe1.10280	Hic.scaffold.10.369	0.797084
Fe2.13267	Fe3.12983	0.797007
Fe3.13366	Fe6.3761	0.796985
Fe2.7421	Fe3.12237	0.796873
Fe1.12532	Fe8.10402	0.796774
Fe3.1052	Fe8.7099	0.796526
Fe3.12068	Fe6.9851	0.796523
Fe3.13974	Fe7.11828	0.796326
Fe3.1245	Fe8.6437	0.796175
Fe1.10053	Fe2.2270	0.796124
Fe7.7526	Fe8.3745	0.795483
Fe1.5043	Fe7.1680	0.795452
Fe5.13043	Fe7.3811	0.795449
Fe5.12585	Fe7.2174	0.79525
Fe2.12253	Fe7.881	0.795051
Fe3.13418	Fe5.8845	0.794911
Fe5.10509	Fe7.429	0.794677
Fe2.1580	Fe4.549	0.79445
Fe2.13550	Fe2.14114	0.794449
Fe1.205	Fe2.12143	0.794442
Fe2.2450	Fe5.8230	0.794408
Fe6.9702	Fe8.5131	0.794364
Fe2.2105	Fe4.813	0.794203
Fe3.5714	Fe7.7007	0.794182
Fe3.5929	Fe6.7670	0.794117
Fe1.6591	Fe6.11694	0.793755
Fe4.14360	Fe6.660	0.793612
Fe2.8187	Fe3.7931	0.793404
Fe4.9132	Fe7.3896	0.793397
Fe4.14457	Fe6.747	0.793217
Fe4.10010	Fe7.1057	0.793198
Fe3.669	Fe8.2089	0.792865

Fe2.794	Fe6.11438	0.792734
Fe2.10362	Fe6.3170	0.792654
Fe1.10722	Fe4.12878	0.792447
Fe3.12760	Fe3.12920	0.792265
Fe7.5530	Fe8.10830	0.79205
Fe3.14486	Fe4.2045	0.791806
Fe2.702	Fe5.14292	0.791726
Fe5.4722	Fe5.13059	0.791723
Fe2.7834	Fe7.12315	0.791595
Fe3.10732	Fe7.3799	0.791493
Fe5.2769	Fe7.687	0.791447
Fe5.9148	Fe6.6691	0.791418
Fe6.7777	Fe8.10849	0.790975
Fe5.9673	Fe8.11474	0.790942
Fe4.4721	Fe8.9395	0.790929
Fe5.10329	Fe7.475	0.790667
Fe4.1991	Fe5.9611	0.790001
Fe5.10880	Fe7.349	0.79
Fe5.6792	Fe5.7578	0.78991
Fe5.2500	Fe7.8241	0.789562
Fe4.2928	Fe5.13464	0.789252
Fe5.11028	Fe7.137	0.789247
Fe1.9073	Fe6.9086	0.789128
Fe3.1044	Fe5.2941	0.788865
Fe5.2919	Fe6.11414	0.788501
Fe3.5975	Fe3.8922	0.788442
Fe1.2548	Fe6.4372	0.788287
Fe2.9236	Fe4.2025	0.788259
Fe1.12221	Fe4.13307	0.787986
Fe1.14541	Fe2.8919	0.787815
Fe1.8813	Fe8.8919	0.786985
Fe3.940	Fe8.7343	0.786893
Fe2.1199	Fe4.413	0.786706
Fe3.11929	Fe5.1879	0.786698
Fe2.9657	Fe2.13193	0.786429
Fe1.13986	Fe6.4356	0.786294
Fe2.7804	Fe7.1440	0.786278
Fe3.559	Fe6.9320	0.786128
Fe3.124	Fe8.12121	0.785971
Fe1.3907	Fe7.11689	0.785868
Fe1.2500	Fe4.2896	0.785494
Fe2.9411	Fe2.12915	0.785356
Fe4.11697	Fe6.7777	0.785168
Fe2.10617	Fe4.2272	0.785098
Fe1.1422	Fe7.1676	0.7848
Fe5.439	Fe6.1179	0.784665
Fe4.13386	Fe5.1229	0.784578
Fe2.2560	Fe6.9201	0.784469
Fe2.10601	Fe7.11142	0.78421
Fe2.9401	Fe2.12911	0.784089
Fe1.14109	Fe4.11806	0.78387
Fe7.11343	Fe8.3595	0.783732
Fe3.9283	Fe6.7446	0.783684
Fe2.1224	Fe4.13184	0.783602
Fe4.11755	Fe6.7446	0.783482

Fe1.8675	Fe6.9322	0.783461
Fe3.3037	Fe4.167	0.783379
Fe3.8922	Fe5.10850	0.783379
Fe3.6239	Fe7.11455	0.783305
Fe3.4479	Fe7.4297	0.783139
Fe2.12841	Fe4.5833	0.78308
Fe1.410	Fe6.2566	0.782642
Fe3.10473	Fe7.9497	0.782627
Fe4.4596	Fe8.5110	0.782544
Fe3.11202	Fe8.11740	0.782117
Fe2.11387	Fe6.7446	0.78209
Fe1.12856	Fe4.13678	0.78201
Fe1.14635	Fe8.10457	0.781743
Fe3.12001	Fe5.1936	0.781705
Fe5.9538	Fe8.11520	0.781638
Fe2.4813	Fe4.714	0.781619
Fe6.5193	Fe7.3633	0.781417
Fe5.2836	Fe7.644	0.781361
Fe2.14314	Fe8.10457	0.781227
Fe1.1907	Fe6.3828	0.781171
Fe3.9125	Fe4.11977	0.781137
Fe2.11291	Fe2.13747	0.780945
Fe4.3037	Fe4.5602	0.780781
Fe4.12962	Fe5.1123	0.780777
Fe3.1366	Fe8.1535	0.780719
Fe3.255	Fe5.4140	0.78066
Fe4.562	Fe4.12901	0.780656
Fe2.1588	Fe4.562	0.779907
Fe2.13581	Fe2.14094	0.779886
Fe3.4479	Fe7.2465	0.77976
Fe4.5346	Fe6.2236	0.77944
Fe2.2560	Fe4.3104	0.779356
Fe4.4607	Fe8.5131	0.779102
Fe8.2330	Fe8.2923	0.779012
Fe1.11818	Fe7.3724	0.778978
Fe5.10688	Fe7.398	0.778709
Fe1.2421	Fe1.4157	0.778651
Fe4.9594	Fe6.3172	0.77864
Fe6.5572	Fe6.10407	0.778485
Fe5.6792	Fe7.12784	0.778412
Fe2.2375	Fe4.12617	0.778305
Fe3.9248	Fe8.7683	0.778296
Fe1.313	Fe2.12109	0.778268
Fe3.8495	Fe7.2792	0.778193
Fe5.5885	Fe7.4337	0.778042
Fe5.12401	Fe7.2065	0.777997
Fe2.9912	Fe2.13278	0.777993
Fe3.8655	Fe4.9009	0.777691
Fe4.8299	Fe6.7616	0.77768
Fe2.10351	Fe2.13164	0.777648
Fe3.3292	Fe3.8610	0.777449
Fe3.9102	Fe8.9373	0.777385
Fe3.3504	Fe5.2418	0.77736
Fe6.10560	Fe7.11335	0.777082
Fe2.10221	Fe2.13392	0.776895

Fe8.1583	Fe8.4538	0.776754
Fe1.1223	Fe4.12673	0.776645
Fe3.11619	Fe8.11721	0.776291
Fe3.11990	Fe8.4877	0.776231
Fe4.14440	Fe6.687	0.77607
Fe3.2045	Fe4.13720	0.776062
Fe5.9728	Fe8.11463	0.775927
Fe4.1568	Fe6.1853	0.775732
Fe6.4412	Fe7.12621	0.775439
Fe7.210	Fe8.8449	0.775363
Fe1.5763	Fe7.5943	0.77478
Fe1.11794	Fe4.13207	0.77476
Fe4.5041	Fe8.9630	0.774701
Fe2.844	Fe3.5975	0.774554
Fe2.5038	Fe4.7988	0.774547
Fe5.1534	Fe5.1591	0.774243
Fe3.9249	Fe4.613	0.774182
Fe7.3007	Fe8.8212	0.774168
Fe3.4150	Fe7.6998	0.77382
Fe1.1299	Fe6.10784	0.773589
Fe4.9353	Fe5.8230	0.773562
Fe2.5277	Fe3.6991	0.77353
Fe2.4093	Fe8.11845	0.773464
Fe2.13278	Fe3.13043	0.773393
Fe2.4790	Fe6.7777	0.773348
Fe1.1906	Fe2.10802	0.772966
Fe6.3533	Fe7.11525	0.772835
Fe1.342	Fe2.12084	0.772732
Fe3.9813	Fe8.10029	0.772617
Fe7.5545	Fe8.10806	0.77251
Fe1.9653	Fe5.727	0.772248
Fe5.12814	Fe7.3542	0.772225
Fe2.13830	Fe8.10005	0.772193
Fe4.3760	Fe4.5602	0.772193
Fe7.630	Fe8.6353	0.772089
Fe2.4687	Fe3.6127	0.772052
Fe2.119	Fe7.11297	0.77205
Fe1.14324	Fe6.4988	0.771781
Fe2.4948	Fe3.8493	0.771781
Fe1.10492	Fe4.12771	0.771547
Fe2.4574	Fe8.3787	0.771541
Fe2.8048	Fe7.689	0.771239
Fe2.14067	Fe4.2821	0.77106
Fe4.12979	Fe5.1137	0.770608
Fe1.7128	Fe6.11750	0.77039
Fe7.6232	Fe8.4104	0.770308
Fe4.8402	Fe7.9788	0.77023
Fe2.3702	Fe3.12499	0.769736
Fe1.7244	Fe5.10938	0.769677
Fe2.167	Fe6.32	0.769434
Fe4.14158	Fe5.176	0.768999
Fe3.11087	Fe8.11752	0.768543
Fe1.12158	Fe4.13367	0.768388
Fe4.5755	Fe6.9484	0.76835
Fe4.3845	Fe6.2236	0.768263

Fe1.11273	Fe7.3633	0.768215
Fe4.14172	Fe5.170	0.767967
Fe1.10053	Fe4.904	0.76794
Fe4.7634	Fe6.6691	0.767901
Fe2.844	Fe7.3633	0.767369
Fe3.2091	Fe5.9198	0.767242
Fe1.960	Fe1.14621	0.767056
Fe1.14545	Fe2.8884	0.766894
Fe1.11146	Fe3.10524	0.766798
Fe5.12700	Fe7.80	0.766739
Fe6.11251	Fe7.3469	0.766678
Fe5.67	Fe8.10618	0.766666
Fe3.12083	Fe6.3582	0.766644
Fe5.147	Fe6.560	0.76664
Fe5.439	Fe7.4313	0.766586
Fe1.10044	Fe4.9128	0.766497
Fe5.12278	Fe7.1926	0.766485
Fe2.2670	Fe5.3635	0.766389
Fe1.14621	Fe8.10477	0.766183
Fe4.2991	Fe5.13376	0.766177
Fe2.9640	Fe2.13191	0.766068
Fe1.4483	Fe3.7928	0.765772
Fe3.166	Fe8.393	0.765726
Fe1.7932	Fe8.2819	0.765687
Fe5.10077	Fe6.3591	0.765285
Fe1.10692	Fe4.12861	0.765102
Fe3.12078	Fe6.3570	0.764996
Fe1.11906	Fe4.13227	0.764963
Fe3.1228	Fe8.2330	0.764951
Fe1.294	Fe6.2046	0.764595
Fe5.10977	Fe8.2073	0.764456
Fe3.4422	Fe4.7988	0.764413
Fe2.1856	Fe4.729	0.764381
Fe1.11512	Fe4.13184	0.763736
Fe3.13357	Fe4.8339	0.76365
Fe5.1970	Fe5.13945	0.763537
Fe2.4485	Fe6.117	0.763531
Fe2.1642	Fe2.13699	0.763524
Fe2.6151	Fe6.38	0.763449
Fe1.13751	Fe4.13818	0.763314
Fe6.10229	Fe8.3444	0.763293
Fe2.9664	Fe2.13199	0.763192
Fe7.8092	Fe7.12315	0.763144
Fe1.5781	Fe4.9906	0.763039
Fe3.7618	Fe4.11557	0.76288
Fe1.6591	Fe8.5691	0.762803
Fe2.8594	Fe3.12037	0.762759
Fe5.11056	Fe7.143	0.762666
Fe1.11394	Fe4.13115	0.762618
Fe6.5094	Fe8.8531	0.762483
Fe5.67	Hic.scaffold.11.130	0.762422
Fe5.3635	Fe7.6936	0.762212
Fe2.9585	Fe8.10970	0.762185
Fe2.3208	Fe6.1937	0.762183
Fe3.4128	Fe7.7202	0.762096

Fe4.684	Fe4.12788	0.762094
Fe1.3342	Fe6.9702	0.762044
Fe2.14293	Fe8.10429	0.761673
Fe2.13285	Fe3.13517	0.761276
Fe2.5669	Fe3.10845	0.761032
Fe7.676	Fe8.6378	0.760782
Fe1.2059	Fe6.3993	0.760781
Fe3.2904	Fe7.4892	0.760751
Fe3.6037	Fe5.4010	0.760645
Fe1.5282	Fe2.12476	0.760554
Fe4.2056	Fe4.2991	0.760495
Fe4.5602	Fe4.11697	0.760234
Fe3.13859	Fe8.1372	0.760173
Fe4.14388	Fe6.729	0.760084
Fe3.11663	Fe8.11724	0.760019
Fe7.7710	Hic.scaffold.9.270	0.759934
Fe1.11531	Fe5.8827	0.75986
Fe2.2104	Fe4.12350	0.759837
Fe1.12164	Fe7.4893	0.759631
Fe1.4142	Fe8.5103	0.759286
Fe4.14352	Hic.scaffold.11.290	0.759121
Fe4.5556	Fe7.3645	0.759029
Fe5.13034	Fe7.3807	0.758707
Fe3.2027	Fe5.4248	0.758551
Fe1.9769	Fe4.8731	0.758375
Fe5.12390	Fe7.2022	0.758344
Fe2.1152	Fe3.3292	0.758235
Fe3.5642	Fe8.5461	0.758127
Fe2.8302	Fe4.2991	0.757841
Fe5.10977	Fe7.3724	0.757816
Fe4.14413	Fe6.700	0.757777
Fe5.9454	Fe7.11231	0.75744
Fe1.2393	Fe1.3531	0.75724
Fe6.9754	Fe7.12315	0.757218
Fe2.4790	Fe2.11952	0.757156
Fe2.10823	Fe3.14078	0.757076
Fe3.13712	Fe8.11575	0.756756
Fe3.5975	Fe6.9640	0.756724
Fe3.9078	Fe5.13217	0.756556
Fe6.875	Fe6.2310	0.756429
Fe6.5336	Fe7.7153	0.756296
Fe5.67	Fe6.698	0.756066
Fe6.12187	Fe8.456	0.756021
Fe3.3936	Fe5.6177	0.756011
Fe7.4977	Fe7.11689	0.755839
Fe5.2075	Fe7.1135	0.755666
Fe2.844	Fe6.9851	0.755602
Fe3.8823	Fe8.5108	0.755571
Fe2.889	Fe7.12001	0.755462
Fe5.7819	Fe7.8090	0.755362
Fe5.12640	Fe6.9885	0.755314
Fe2.3020	Fe4.471	0.755164
Fe5.10923	Fe7.336	0.755039
Fe1.4787	Fe2.3640	0.75503
Fe2.537	Fe5.1863	0.754958

Fe5.502	Fe7.4431	0.754905
Fe3.10036	Fe6.60	0.754733
Fe2.10714	Fe5.12268	0.754706
Fe1.10073	Fe4.12488	0.754514
Fe3.2961	Fe6.10407	0.754426
Fe2.10363	Fe3.10524	0.75427
Fe2.12570	Fe8.9706	0.754169
Fe5.4110	Fe7.3617	0.754139
Fe6.9837	Fe6.10560	0.754081
Fe3.11907	Fe5.5885	0.75403
Fe3.5063	Fe3.12068	0.753992
Fe4.2199	Fe6.5269	0.753735
Fe5.8912	Fe6.6430	0.753454
Fe2.10568	Fe3.13758	0.753432
Fe4.5328	Fe8.9108	0.753243
Fe2.12679	Fe8.9434	0.753082
Fe6.10778	Fe7.10999	0.75303
Fe4.1302	Fe6.1939	0.75291
Fe5.3903	Fe5.8230	0.75282
Fe5.10871	Fe7.351	0.752525
Fe7.127	Fe8.7981	0.752273
Fe2.9254	Fe8.11096	0.752176
Fe2.7904	Fe6.7598	0.751958
Fe5.9454	Fe6.8428	0.751922
Fe2.11972	Fe6.3708	0.751757
Fe2.9525	Fe4.2062	0.751589
Fe4.13933	Fe5.180	0.751475
Fe4.9601	Fe7.3520	0.751468
Fe5.1868	Fe5.12640	0.751453
Fe1.9460	Fe7.3633	0.751332
Fe2.3719	Fe4.1477	0.751198
Fe5.4170	Fe6.11080	0.751099
Fe2.11644	Fe2.13684	0.751098
Fe6.10332	Fe7.11828	0.750973
Fe3.14561	Fe5.9606	0.750843
Fe4.5545	Fe6.3391	0.750735
Fe1.12735	Fe4.13601	0.750728
Fe2.1375	Fe7.3700	0.750688
Fe1.10261	Fe2.10219	0.750671
Fe2.12819	Fe8.9150	0.750659
Fe2.2820	Fe4.1250	0.750485
Fe2.2583	Fe2.4790	0.750459
Fe2.9437	Fe8.11005	0.750458
Fe3.4338	Fe6.5840	0.750303
Fe3.2027	Fe7.12315	0.75029
Fe4.14281	Fe6.590	0.750271
Fe2.2378	Fe4.1071	0.750218
Fe2.2422	Fe4.1071	0.750218
Fe5.7248	Fe5.7319	0.750136
Fe3.3676	Fe4.3924	0.749812
Fe6.9185	Fe8.4076	0.749779
Fe2.788	Fe8.3870	0.749778
Fe4.8406	Fe7.6232	0.749476
Fe3.5724	Fe5.8483	0.749259
Fe7.2653	Fe7.12852	0.749186

Fe1.459	Fe6.2583	0.749104
Fe5.3994	Fe6.2236	0.748612
Fe4.12970	Fe5.1130	0.748392
Fe4.4041	Fe5.13895	0.748126
Fe1.318	Fe2.12090	0.74807
Fe3.4625	Fe6.6080	0.747877
Fe5.6206	Fe7.3645	0.747613
Fe2.8526	Fe5.8633	0.747516
Fe3.2050	Fe4.13713	0.74747
Fe1.12740	Fe4.13603	0.747224
Fe7.2288	Fe8.11350	0.7472
Fe6.717	Hic.scaffold.11.146	0.747046
Fe5.10930	Fe7.334	0.747044
Fe4.10675	Fe6.11682	0.746935
Fe6.3470	Fe6.12187	0.746721
Fe1.14615	Fe8.10487	0.746607
Fe2.4513	Fe7.6029	0.74652
Fe1.12879	Fe6.11231	0.746441
Fe3.10964	Fe8.11763	0.746129
Fe3.14479	Fe8.11525	0.746117
Fe6.7446	Fe6.9324	0.745745
Fe1.12812	Fe4.13627	0.745628
Fe5.12268	Fe6.9795	0.745583
Fe4.7044	Fe7.710	0.745465
Fe5.3553	Fe6.9494	0.745463
Fe3.2334	Fe8.8052	0.745232
Fe2.11347	Fe5.12124	0.744938
Fe3.5846	Fe6.3006	0.744897
Fe6.5307	Fe7.7534	0.744806
Fe1.802	Hic.scaffold.13.215	0.744798
Fe5.88	Fe6.667	0.744738
Fe5.14445	Fe7.2460	0.744051
Fe6.1227	Fe8.3307	0.743988
Fe2.4948	Fe7.3843	0.743954
Fe3.9249	Fe8.3656	0.743816
Fe2.13838	Fe8.12072	0.743796
Fe1.4911	Fe8.5248	0.743756
Fe7.10938	Fe8.7913	0.74311
Fe6.11384	Fe7.2293	0.743101
Fe1.11053	Fe4.6042	0.742998
Fe2.1200	Fe3.5203	0.742749
Fe2.8822	Fe7.6108	0.742736
Fe2.5088	Fe4.7867	0.742676
Fe1.1440	Fe2.9998	0.742671
Fe4.11764	Fe6.10250	0.742532
Fe1.2292	Fe6.4675	0.742299
Fe4.12300	Hic.scaffold.9.361	0.742211
Fe2.11952	Fe6.5572	0.741741
Fe2.4638	Fe3.10309	0.741488
Fe2.5134	Fe8.3745	0.741257
Fe2.10267	Fe4.1862	0.74074
Fe2.4947	Fe6.92	0.740633
Fe2.12752	Fe4.4801	0.74033
Fe3.4289	Fe6.5750	0.740203
Fe4.11436	Fe7.11333	0.740173

Fe2.10568	Fe5.8580	0.73986
Fe4.8609	Fe5.8373	0.739351
Fe1.459	Fe2.13937	0.738969
Fe2.12910	Fe5.11689	0.738945
Fe6.2236	Fe6.3117	0.738931
Fe1.3531	Fe2.3454	0.738879
Fe5.2581	Fe6.5989	0.738863
Fe3.13367	Fe6.8428	0.738788
Fe1.2106	Fe4.11657	0.738663
Fe4.1334	Fe6.1887	0.738316
Fe3.11990	Fe6.10643	0.738297
Fe2.10957	Fe6.3570	0.737828
Fe2.9658	Fe2.13197	0.737693
Fe1.4157	Fe4.6967	0.73753
Fe3.2961	Fe7.11405	0.737473
Fe3.2904	Fe6.10406	0.737252
Fe3.777	Fe8.6493	0.737136
Fe4.9325	Fe8.9001	0.737134
Fe4.382	Fe6.1564	0.73693
Fe4.5602	Fe7.1661	0.736917
Fe1.1932	Fe4.11814	0.736737
Fe2.8309	Fe5.9317	0.736695
Fe7.1131	Fe8.5553	0.736434
Fe6.12241	Fe7.693	0.735978
Fe3.6346	Fe4.11408	0.735591
Fe3.594	Fe6.9252	0.735483
Fe3.9249	Fe4.3037	0.735443
Fe1.473	Fe4.831	0.735411
Fe2.659	Fe6.11438	0.73529
Fe2.10421	Fe3.13631	0.734897
Fe2.14284	Fe8.12056	0.734876
Fe2.12853	Fe8.9066	0.734595
Fe4.9451	Fe5.12845	0.734454
Fe3.10116	Fe8.11818	0.734204
Fe1.12164	Fe4.11895	0.734166
Fe4.403	Fe6.1579	0.734114
Fe1.2099	Fe4.11681	0.734013
Fe1.10321	Fe6.5562	0.73392
Fe3.5142	Fe7.8191	0.733903
Fe4.5446	Fe4.9099	0.733799
Fe1.4474	Fe6.6006	0.733436
Fe5.960	Fe8.8019	0.732933
Fe6.10064	Fe7.3516	0.732854
Fe7.3019	Fe8.8171	0.732812
Fe4.13982	Fe5.296	0.732634
Fe3.4401	Fe7.3277	0.732609
Fe4.6053	Fe8.9013	0.732496
Fe2.11318	Fe2.11838	0.732461
Fe2.12854	Fe8.9065	0.732162
Fe1.14178	Fe4.11906	0.732122
Fe6.5193	Fe8.1754	0.732111
Fe2.13571	Fe4.3468	0.732082
Fe4.14398	Fe6.717	0.731556
Fe3.6800	Fe4.5556	0.731458
Fe7.6108	Fe8.3656	0.731341

Fe1.2375	Fe1.12784	0.731248
Fe7.2586	Fe7.12276	0.731025
Fe1.5781	Fe3.7040	0.730977
Fe1.181	Fe2.12163	0.730821
Fe3.479	Fe8.7420	0.730804
Fe2.11522	Fe2.12022	0.730677
Fe6.2681	Fe8.8731	0.730649
Fe2.12558	Fe8.9648	0.730491
Fe4.13589	Fe4.13795	0.729889
Fe1.873	Fe6.3079	0.729624
Fe2.9429	Hic.scaffold.9.38	0.729598
Fe3.12078	Fe7.11857	0.729541
Fe2.2560	Fe5.6597	0.729484
Fe3.13544	Fe4.3970	0.729462
Fe6.1146	Fe7.4190	0.729188
Fe2.10601	Fe5.3271	0.729047
Fe2.9111	Fe3.14493	0.728935
Fe1.7337	Fe3.6800	0.728813
Fe5.11951	Fe7.36	0.728475
Fe1.10064	Fe4.902	0.728364
Fe4.12518	Hic.scaffold.10.512	0.727856
Fe6.9324	Fe7.11738	0.727354
Fe1.3938	Fe1.12711	0.7272
Fe3.9114	Fe5.11109	0.726821
Fe6.1974	Fe8.8742	0.725984
Fe2.1458	Fe4.505	0.725962
Fe1.12827	Fe4.13651	0.725862
Fe3.10264	Fe7.11828	0.725827
Fe5.11484	Fe7.213	0.725621
Fe3.4479	Fe5.6636	0.725445
Fe6.2750	Fe8.10634	0.725211
Fe3.9679	Fe5.7819	0.72507
Fe1.7198	Fe7.7415	0.725051
Fe1.2808	Fe6.4650	0.724788
Fe1.12438	Fe4.13452	0.724775
Fe6.831	Fe8.9936	0.724702
Fe1.11146	Fe5.2941	0.724539
Fe1.10153	Fe4.7634	0.724513
Fe7.3010	Fe8.8200	0.724476
Fe1.7088	Fe7.3070	0.723943
Fe4.14469	Fe6.741	0.723767
Fe3.683	Fe6.366	0.723644
Fe3.12200	Fe5.6085	0.723507
Fe4.14080	Fe6.487	0.723478
Fe2.11828	Fe7.3639	0.72337
Fe1.4642	Fe6.11750	0.723343
Fe7.6359	Fe8.7913	0.723244
Fe3.6522	Fe5.6155	0.723232
Fe2.12657	Fe4.4571	0.723051
Fe5.12199	Fe7.31	0.722963
Fe3.11829	Fe6.2236	0.722884
Fe1.2752	Fe6.4604	0.722767
Fe4.8049	Fe8.4201	0.722658
Fe1.14566	Fe8.10667	0.72265
Fe6.3331	Fe8.5036	0.722621

Fe5.12526	Fe7.2145	0.722602
Fe3.7443	Fe8.11879	0.722279
Fe5.14428	Fe7.12168	0.722233
Fe4.1702	Fe4.2991	0.721456
Fe2.10269	Fe7.12180	0.721403
Fe1.11272	Fe5.13744	0.721211
Fe5.14397	Fe7.13288	0.721101
Fe3.9962	Fe7.8737	0.720831
Fe5.14330	Fe7.12905	0.720792
Fe6.4393	Fe7.4297	0.72069
Fe5.4752	Fe7.7359	0.720407
Fe4.10727	Fe8.7750	0.72039
Fe3.12078	Fe8.456	0.720008
Fe2.12817	Fe8.9163	0.719922
Fe5.12836	Fe7.3554	0.719758
Fe1.10226	Fe4.808	0.719185
Fe2.11071	Fe5.13213	0.71903
Fe3.11990	Fe8.7419	0.718888
Fe2.12835	Fe6.9494	0.71875
Fe3.1041	Fe8.7140	0.718686
Fe3.555	Fe8.7588	0.718657
Fe2.5185	Fe3.1756	0.71832
Fe3.13367	Fe7.7710	0.718017
Fe1.6591	Fe7.11455	0.717983
Fe1.10158	Fe8.10078	0.717924
Fe1.1314	Fe6.3495	0.717857
Fe2.10438	Fe3.13631	0.717814
Fe4.9353	Fe6.4820	0.717296
Fe4.4723	Fe8.9393	0.716926
Fe7.3015	Fe8.8177	0.716629
Fe3.14029	Fe7.4295	0.716522
Fe5.10474	Fe7.449	0.716384
Fe1.3907	Fe7.3937	0.716296
Fe6.11117	Hic.scaffold.9.361	0.716217
Fe4.5764	Fe7.7415	0.716134
Fe3.11012	Fe8.11760	0.716132
Fe3.11199	Fe7.4239	0.7158
Fe2.9070	Fe8.11524	0.715701
Fe2.4922	Fe6.5336	0.715684
Fe1.9303	Fe8.7913	0.715631
Fe1.14517	Fe2.9031	0.714991
Fe3.12037	Fe7.9820	0.714884
Fe2.10587	Fe4.13569	0.714882
Fe3.9974	Fe7.11335	0.714781
Fe5.123	Hic.scaffold.9.647	0.714497
Fe3.6264	Fe5.10080	0.71448
Fe3.812	Fe6.10374	0.713967
Fe3.4105	Fe3.6095	0.713942
Fe2.6720	Fe6.17	0.713871
Fe5.10152	Fe7.511	0.713855
Fe1.12164	Fe4.3760	0.713843
Fe6.8997	Fe6.12054	0.71358
Fe4.856	Fe4.12408	0.713507
Fe3.3348	Fe8.4076	0.713352
Fe5.3293	Fe8.8861	0.71332

Fe1.6557	Fe5.5511	0.713172
Fe5.6597	Fe6.7446	0.713088
Fe5.11737	Fe7.11163	0.712954
Fe7.5467	Fe8.10860	0.712937
Fe4.2192	Fe4.7846	0.712806
Fe3.6640	Fe5.7724	0.712573
Fe2.3719	Fe8.9644	0.71257
Fe2.10891	Fe2.13420	0.712531
Fe1.13298	Fe2.11160	0.712488
Fe1.4474	Fe3.6239	0.71243
Fe3.10632	Fe4.2991	0.712368
Fe6.3338	Fe7.1919	0.712347
Fe6.5651	Fe7.6934	0.712194
Fe2.8594	Fe4.3037	0.712176
Fe1.4820	Fe8.5173	0.712174
Fe1.7405	Fe7.2955	0.712174
Fe5.6051	Fe5.8121	0.712174
Fe6.9185	Fe6.10560	0.712134
Fe4.831	Fe8.8753	0.711964
Fe4.14332	Fe6.616	0.711916
Fe2.9050	Fe3.9294	0.71175
Fe2.1621	Fe6.2269	0.711545
Fe2.9128	Fe2.12788	0.711464
Fe2.1579	Fe4.547	0.71134
Fe2.13804	Fe2.14182	0.711132
Fe2.10967	Fe2.13452	0.710998
Fe3.12149	Fe4.740	0.710977
Fe4.10759	Fe6.11384	0.710936
Fe5.14287	Fe6.1432	0.710849
Fe5.461	Fe6.1231	0.710659
Fe5.3255	Fe7.11525	0.710472
Fe2.4138	Fe2.4790	0.710176
Fe3.2412	Fe7.11525	0.710124
Fe3.6640	Fe5.7819	0.709736
Fe4.11554	Fe5.6198	0.709646
Fe3.2951	Fe7.12001	0.709645
Fe4.5133	Fe8.5110	0.709631
Fe3.6522	Fe4.9484	0.709329
Fe1.14009	Fe6.4272	0.709324
Fe7.6018	Fe8.732	0.709087
Fe3.8795	Fe7.4803	0.708856
Fe1.1981	Fe4.6511	0.708598
Fe3.13836	Fe4.2284	0.708403
Fe3.675	Fe8.1869	0.707959
Fe6.9702	Fe8.4850	0.707845
Fe4.12345	Fe6.3028	0.707615
Fe3.12016	Fe4.5609	0.707595
Fe1.2731	Fe6.4553	0.707568
Fe2.11684	Fe2.13673	0.707501
Fe4.14001	Fe5.294	0.70738
Fe6.9201	Fe6.9702	0.707327
Fe2.4922	Fe5.6155	0.706729
Fe3.2538	Fe5.7711	0.706698
Fe6.3630	Fe7.8077	0.706478
Fe1.12153	Fe3.8655	0.706471

Fe6.3358	Fe6.10704	0.706427
Fe5.4308	Fe6.1554	0.706292
Fe4.4607	Fe4.9009	0.706288
Fe2.8407	Fe5.1878	0.706285
Fe1.10697	Fe4.573	0.70617
Fe1.1060	Fe6.3345	0.705885
Fe3.4102	Fe7.11368	0.705861
Fe2.3233	Fe6.1932	0.705773
Fe2.8583	Fe8.1042	0.705676
Fe1.4474	Fe6.10778	0.705649
Fe4.4743	Fe8.9303	0.705565
Fe6.504	Fe6.1305	0.705443
Fe2.11952	Fe3.12037	0.705317
Fe2.6452	Fe6.20	0.705288
Fe7.7134	Fe7.13172	0.704941
Fe3.14095	Fe5.9056	0.704923
Fe3.10524	Fe7.2877	0.70479
Fe1.12189	Fe4.13344	0.704697
Fe4.11557	Fe6.10560	0.704593
Fe4.2828	Fe4.11895	0.704354
Fe1.30	Fe6.2474	0.704036
Fe2.132	Fe7.11367	0.703927
Fe6.873	Fe8.10285	0.703821
Fe1.10460	Fe6.5135	0.703488
Fe4.8485	Fe6.7817	0.703363
Fe1.707	Fe6.2686	0.70319
Fe1.11892	Fe4.11557	0.703163
Fe2.10483	Fe2.13129	0.702967
Fe1.313	Fe6.2027	0.702732
Fe5.1520	Fe7.3460	0.70257
Fe5.176	Fe6.515	0.702363
Fe1.10243	Fe2.2577	0.702332
Fe1.1934	Fe4.6364	0.702257
Fe1.14027	Fe4.11469	0.702235
Fe1.6586	Fe3.11990	0.702133
Fe3.4331	Fe7.2398	0.702093
Fe4.14528	Fe6.781	0.70205
Fe2.874	Fe7.12008	0.701656
Fe3.9856	Fe4.4013	0.701271
Fe8.9147	Fe8.9698	0.701202
Fe3.670	Fe6.373	0.701089
Fe4.12166	Fe5.708	0.700997
Fe7.7282	Fe8.3507	0.700926
Fe4.14131	Hic.scaffold.11.303	0.700918
Fe2.4406	Fe6.5477	0.700856
Fe2.1595	Fe4.574	0.700751
Fe2.9861	Fe2.13268	0.700747
Fe3.2904	Fe4.14559	0.700686
Fe2.5037	Fe3.7455	0.70062
Fe4.10848	Fe5.3384	0.700572
Fe3.8922	Fe6.12154	0.700565
Fe6.2337	Fe7.4250	0.700379
Fe1.10896	Fe3.5608	0.699953
Fe2.5037	Fe6.5915	0.699514
Fe1.4133	Fe6.8276	0.699486

Fe2.13841	Fe3.1017	0.699386
Fe1.2782	Fe6.4624	0.699366
Fe1.9262	Fe6.3708	0.6993
Fe1.12132	Fe4.13379	0.699065
Fe2.10363	Fe5.3523	0.69897
Fe4.14570	Fe6.857	0.698852
Fe3.6264	Fe7.3244	0.698833
Fe2.4406	Fe7.11335	0.698215
Fe2.14308	Fe5.12276	0.698165
Fe5.2073	Fe7.1140	0.698088
Fe7.5654	Fe7.7019	0.698005
Fe3.11868	Fe5.1830	0.697905
Fe2.10409	Fe2.13144	0.697764
Fe2.8526	Fe6.9301	0.697732
Fe2.10363	Fe6.11417	0.697682
Fe4.14131	Hic.scaffold.11.343	0.697588
Fe5.4944	Fe5.8322	0.697551
Fe3.7896	Fe8.443	0.697147
Fe3.9813	Fe6.1844	0.696913
Fe2.10268	Fe2.13294	0.696875
Fe1.4755	Fe5.6198	0.69663
Fe4.11078	Fe8.9208	0.69658
Fe3.2961	Fe6.5269	0.696387
Fe5.8912	Fe7.3645	0.696355
Fe3.8795	Fe3.10336	0.696224
Fe1.12117	Fe5.1229	0.696196
Fe1.14516	Fe2.9056	0.696191
Fe4.2192	Fe8.5108	0.696093
Fe1.5552	Fe2.12443	0.696083
Fe2.9818	Fe4.2131	0.695888
Fe1.3704	Fe6.9885	0.695819
Fe2.12669	Fe4.4611	0.695774
Fe1.1432	Fe1.4986	0.695615
Fe3.14525	Fe5.9504	0.695582
Fe2.7559	Fe7.7415	0.695355
Fe4.4146	Fe4.11697	0.694706
Fe4.3717	Fe7.11368	0.694616
Fe2.8935	Fe4.1948	0.694424
Fe8.660	Fe8.1372	0.69441
Fe1.13430	Hic.scaffold.9.889	0.694374
Fe2.14156	Fe5.9123	0.694374
Fe3.195	Fe4.14158	0.694341
Fe1.12210	Fe4.13312	0.694252
Fe3.12200	Fe4.10224	0.694019
Fe2.9533	Fe4.2975	0.693701
Fe3.6690	Fe4.9009	0.693666
Fe4.7855	Fe4.8406	0.693664
Fe1.9512	Fe4.1808	0.693494
Fe4.13879	Fe6.3240	0.693439
Fe3.9974	Fe7.12145	0.692713
Fe2.1660	Fe7.1023	0.692553
Fe7.6653	Fe7.11142	0.692295
Fe3.4401	Fe3.7618	0.69222
Fe4.7979	Fe5.8845	0.692149
Fe1.13422	Fe4.13969	0.691933

Fe4.10101	Fe5.2581	0.691792
Fe5.10977	Fe8.565	0.691747
Fe3.9564	Fe4.5556	0.691737
Fe1.128	Fe4.1961	0.691736
Fe3.2734	Fe7.12693	0.691255
Fe2.8528	Fe4.2972	0.691138
Fe2.13568	Fe4.3446	0.691132
Fe1.10863	Fe4.6000	0.690934
Fe3.14372	Fe5.9322	0.690781
Fe3.2264	Fe7.1608	0.690627
Fe2.3771	Fe4.1523	0.690543
Fe4.3760	Fe6.8136	0.690341
Fe6.3708	Fe8.9698	0.690203
Fe4.5553	Fe8.9131	0.689987
Fe6.894	Fe8.9972	0.689745
Fe6.7715	Fe8.5385	0.689618
Fe4.9693	Fe6.9837	0.689465
Fe1.14162	Fe4.11860	0.689305
Fe2.10269	Fe7.5898	0.689297
Fe4.11755	Fe6.9702	0.689179
Fe2.12847	Fe4.5935	0.688615
Fe3.6264	Fe3.10406	0.68849
Fe7.7153	Fe7.11335	0.688286
Fe2.10737	Fe4.9983	0.688156
Fe4.7901	Fe5.6175	0.688097
Fe2.7876	Fe4.7988	0.687927
Fe3.9249	Fe3.12037	0.687824
Fe7.9705	Fe8.10078	0.687779
Fe2.521	Fe5.1905	0.687685
Fe1.9047	Fe6.9419	0.687661
Fe1.3094	Fe4.13569	0.687532
Fe6.12149	Fe7.736	0.686966
Fe2.9409	Fe2.12914	0.686699
Fe1.3094	Fe3.12037	0.686654
Fe2.4813	Fe3.6800	0.686412
Fe2.10134	Fe4.1915	0.686323
Fe1.3503	Fe6.9974	0.686234
Fe5.14379	Fe7.13181	0.685935
Fe1.12164	Fe7.9820	0.685933
Fe7.11091	Fe8.2746	0.685614
Fe3.11940	Fe5.1891	0.685577
Fe1.11149	Fe5.1146	0.685507
Fe1.13001	Fe6.11374	0.685452
Fe2.8517	Fe6.4591	0.685375
Fe7.8437	Fe7.9820	0.685261
Fe1.14043	Fe2.3837	0.685194
Fe4.13667	Fe8.6661	0.684849
Fe2.11318	Fe2.11890	0.684821
Fe6.3209	Fe6.10526	0.684516
Fe2.12782	Fe8.9266	0.684345
Fe3.9713	Fe8.4104	0.684332
Fe5.4667	Fe5.6482	0.684116
Fe3.2318	Fe4.4170	0.683932
Fe5.9148	Fe6.6006	0.683772
Fe2.8822	Fe4.11697	0.683166

Fe2.11814	Fe4.2816	0.683145
Fe5.5304	Fe8.3298	0.683114
Fe2.12801	Fe4.5241	0.683107
Fe3.6224	Fe4.3717	0.683099
Fe6.9494	Fe7.6653	0.683098
Fe4.4596	Fe5.12660	0.682997
Fe4.9264	Fe5.5375	0.682825
Fe4.10412	Fe5.1849	0.68272
Fe1.200	Fe2.12152	0.682506
Fe2.8096	Fe4.12268	0.682493
Fe2.3539	Fe4.7988	0.682079
Fe2.10541	Fe2.13080	0.681956
Fe5.9892	Fe6.8391	0.681665
Fe2.10637	Fe2.13048	0.681568
Fe3.10920	Fe4.4924	0.680885
Fe4.11554	Fe5.3933	0.680745
Fe4.14375	Fe6.667	0.680708
Fe2.7940	Fe3.6095	0.680613
Fe2.9877	Fe2.13271	0.680381
Fe2.8822	Fe7.12691	0.680353
Fe7.11078	Fe8.1616	0.680238
Fe2.10775	Fe4.12714	0.680187
Fe4.14177	Fe6.551	0.680012
Fe3.195	Fe5.176	0.679847
Fe1.6842	Fe6.10778	0.679829
Fe1.4974	Fe4.3420	0.679469
Fe5.12743	Fe7.105	0.679371
Fe2.8071	Fe8.3101	0.679215
Fe1.4000	Fe4.8353	0.679126
Fe5.4709	Fe5.9454	0.67897
Fe2.2525	Fe4.1164	0.678497
Fe1.591	Fe4.9398	0.678333
Fe1.10029	Fe4.12513	0.67814
Fe4.5622	Fe4.7855	0.678079
Fe4.4839	Fe8.9289	0.67793
Fe4.3739	Fe6.6317	0.67787
Fe3.4175	Fe7.6840	0.677817
Fe1.495	Fe6.2594	0.677649
Fe4.1961	Fe7.7052	0.677491
Fe1.11396	Fe4.11557	0.677483
Fe1.2065	Fe6.4000	0.677454
Fe4.3970	Fe6.3630	0.677429
Fe4.5553	Fe8.9163	0.677344
Fe1.9661	Fe8.5385	0.677267
Fe1.13158	Fe6.8054	0.677018
Fe2.5863	Fe7.5994	0.677011
Fe3.1979	Fe5.4280	0.676963
Fe1.9543	Fe8.983	0.676576
Fe2.4813	Fe4.7846	0.676562
Fe1.54	Fe6.2432	0.676535
Fe3.2248	Fe8.8002	0.676447
Fe1.4438	Fe6.8542	0.67587
Fe3.13563	Fe7.545	0.675869
Fe2.385	Fe4.4906	0.675747
Fe1.11651	Fe4.13195	0.675557

Fe7.2700	Fe7.5945	0.675547
Fe2.10957	Fe6.3470	0.675541
Fe5.11201	Fe7.172	0.675537
Fe1.9444	Fe6.5572	0.675427
Fe4.3024	Fe5.7342	0.675395
Fe3.10264	Fe4.2896	0.67527
Fe2.12356	Fe7.2465	0.675083
Fe3.1056	Fe8.7082	0.67502
Fe3.7633	Fe4.11720	0.67498
Fe1.4642	Fe6.7616	0.674919
Fe3.13825	Fe5.9040	0.674765
Fe2.12871	Fe4.6034	0.674664
Fe2.3081	Fe8.1555	0.67445
Fe3.13356	Fe5.3172	0.674301
Fe6.11083	Fe7.1135	0.673983
Fe6.7777	Fe7.8437	0.673665
Fe2.3793	Fe4.1512	0.673192
Fe2.11710	Fe4.2721	0.673174
Fe2.11311	Fe2.11578	0.673157
Fe1.870	Hic.scaffold.12.85	0.672673
Fe3.8677	Fe4.9132	0.672372
Fe2.10637	Fe2.13009	0.672215
Fe3.6435	Fe6.7446	0.672153
Fe3.11990	Hic.scaffold.9.276	0.671814
Fe3.591	Fe6.9265	0.671793
Fe5.8827	Fe7.7710	0.671677
Fe7.11781	Fe8.3474	0.67158
Fe7.113	Fe7.888	0.671569
Fe1.2715	Fe2.3839	0.67147
Fe3.821	Fe8.6744	0.671391
Fe4.12246	Fe5.746	0.671315
Fe4.3890	Hic.scaffold.9.361	0.671229
Fe1.9618	Fe5.6198	0.671044
Fe4.3037	Fe7.6377	0.670529
Fe2.9226	Fe8.11139	0.670504
Fe2.7566	Fe4.2975	0.670249
Fe7.2276	Fe8.11351	0.670134
Fe1.13808	Fe4.10859	0.669944
Fe5.10445	Fe7.451	0.669696
Fe4.4621	Fe8.6474	0.669588
Fe3.7633	Fe6.10064	0.669452
Fe2.5232	Fe6.74	0.669301
Fe4.14208	Fe6.567	0.669209
Fe4.2025	Fe8.11132	0.669088
Fe5.8373	Fe8.4178	0.668773
Fe1.9618	Fe7.11231	0.668743
Fe4.14359	Fe6.659	0.668658
Fe3.9856	Fe5.3635	0.668644
Fe1.14043	Fe3.12565	0.668558
Fe2.11655	Fe6.11179	0.668506
Fe5.188	Hic.scaffold.9.502	0.668423
Fe3.13974	Fe4.5602	0.668194
Fe1.14024	Fe4.11465	0.667804
Fe5.12697	Fe7.74	0.667796
Fe6.4820	Fe8.2073	0.667692

Fe6.100	Fe8.11797	0.667386
Fe3.2864	Fe4.8406	0.667335
Fe2.10226	Fe8.11626	0.667181
Fe2.12856	Fe4.5991	0.667102
Fe2.12287	Fe5.11576	0.666979
Fe4.7514	Fe5.6790	0.666902
Fe3.14023	Fe7.12691	0.666749
Fe3.2605	Fe7.12944	0.666737
Fe2.2670	Fe3.6239	0.666563
Fe3.12068	Fe6.6339	0.666506
Fe6.5989	Fe7.5370	0.666451
Fe4.11728	Fe7.11459	0.666184
Fe4.12572	Hic.scaffold.10.507	0.666107
Fe1.3771	Fe4.7780	0.665705
Fe1.12519	Fe4.13520	0.665132
Fe2.10301	Fe5.8839	0.665079
Fe2.2321	Fe4.988	0.664931
Fe3.12240	Fe5.7986	0.664903
Fe2.9453	Fe2.12931	0.664887
Fe6.9185	Fe7.10999	0.664787
Fe1.13271	Fe3.14368	0.664729
Fe5.3862	Fe6.11475	0.664723
Fe1.4315	Fe8.5036	0.664057
Fe7.2250	Fe8.11357	0.663966
Fe3.4931	Fe6.3103	0.663707
Fe5.6085	Fe8.2639	0.663662
Fe4.9244	Fe5.13120	0.663359
Fe3.9249	Fe6.10332	0.663079
Fe1.8259	Fe8.8772	0.662951
Fe1.5580	Fe2.1521	0.662834
Fe4.849	Hic.scaffold.10.443	0.66271
Fe2.13732	Hic.scaffold.9.174	0.662689
Fe5.1795	Fe7.12748	0.662677
Fe4.6136	Fe6.2941	0.662332
Fe4.14082	Fe6.538	0.662241
Fe7.9955	Fe7.11455	0.6622
Fe1.12532	Fe4.13526	0.661905
Fe1.12608	Fe4.13526	0.661905
Fe1.1851	Fe3.8601	0.661544
Fe2.11235	Fe2.13778	0.661274
Fe4.3844	Fe7.6759	0.66108
Fe5.11712	Fe7.4837	0.661056
Fe5.152	Fe6.555	0.660949
Fe4.8741	Fe7.3969	0.660501
Fe2.12820	Fe8.9108	0.660101
Fe4.14559	Fe6.784	0.660031
Fe2.10455	Fe2.13137	0.659911
Fe2.423	Fe3.4262	0.659896
Fe4.14050	Fe6.453	0.659639
Fe1.10901	Fe4.12979	0.659288
Fe8.3507	Fe8.8867	0.659213
Fe2.10739	Fe2.12987	0.65916
Fe2.168	Fe6.31	0.658854
Fe4.3564	Fe5.3828	0.658541
Fe3.4090	Fe7.7351	0.658274

Fe3.4638	Fe6.6081	0.658232
Fe3.4568	Fe8.2018	0.658188
Fe7.5682	Fe7.8444	0.658171
Fe2.7868	Fe7.1521	0.658152
Fe3.42	Fe8.3551	0.657747
Fe3.1115	Fe6.11734	0.65769
Fe1.3145	Fe6.9091	0.657638
Fe2.13240	Fe4.2144	0.657592
Fe1.11226	Fe4.13081	0.657561
Fe1.1384	Fe6.3528	0.657388
Fe6.3528	Hic.scaffold.9.745	0.657388
Fe3.14208	Fe7.12491	0.65721
Fe5.2829	Fe8.1049	0.657182
Fe1.4075	Fe4.7190	0.657078
Fe3.2060	Fe5.4228	0.657054
Fe3.6095	Fe6.3358	0.657034
Fe6.3519	Hic.scaffold.9.742	0.656945
Fe2.4813	Fe7.3645	0.656553
Fe1.3625	Fe5.6028	0.656431
Fe4.14080	Fe5.266	0.656391
Fe7.2253	Fe8.11355	0.656165
Fe4.2828	Fe4.13569	0.656138
Fe2.5085	Fe7.11598	0.656039
Fe6.3552	Fe7.7149	0.655989
Fe1.10470	Fe4.12728	0.655785
Fe2.10880	Fe2.13407	0.655499
Fe3.4162	Fe7.6882	0.655461
Fe3.2831	Fe7.11049	0.655318
Fe4.9980	Fe5.5714	0.655213
Fe3.1050	Fe8.7115	0.655212
Fe1.584	Fe2.11726	0.655057
Fe7.12612	Fe8.980	0.654896
Fe1.1434	Fe6.7602	0.6546
Fe5.4056	Fe6.6339	0.654566
Fe2.5199	Fe5.11170	0.654362
Fe3.2243	Fe8.7983	0.654263
Fe3.5847	Fe3.9761	0.654159
Fe2.11571	Fe3.716	0.654113
Fe2.12569	Fe8.9701	0.653884
Fe4.14461	Fe6.745	0.653788
Fe4.5775	Fe6.2236	0.653647
Fe6.2236	Fe6.9754	0.653374
Fe3.12037	Fe4.8156	0.65336
Fe3.12951	Fe7.5938	0.653319
Fe1.10575	Fe5.14381	0.65279
Fe6.729	Hic.scaffold.11.155	0.652784
Fe1.7246	Fe5.4826	0.652662
Fe4.2199	Fe8.10849	0.652644
Fe1.10389	Fe2.4378	0.652602
Fe3.7618	Fe5.6155	0.65254
Fe2.2717	Fe2.7857	0.652252
Fe5.12748	Fe7.107	0.652244
Fe4.5602	Fe8.2158	0.652184
Fe4.11628	Fe5.5885	0.652069
Fe3.6619	Fe4.233	0.652008

Fe6.5915	Fe8.4201	0.651666
Fe4.11312	Fe6.4345	0.651568
Fe3.6690	Fe7.9064	0.65153
Fe4.11846	Fe8.878	0.65144
Fe4.14585	Fe6.824	0.651348
Fe5.2099	Fe7.1108	0.65132
Fe5.12846	Fe7.3562	0.651241
Fe3.1322	Fe8.1656	0.651136
Fe1.7606	Fe2.11566	0.651049
Fe1.7329	Fe2.4922	0.650635
Fe2.8528	Fe5.13300	0.650591
Fe3.14023	Fe4.3037	0.65047
Fe5.13035	Hic.scaffold.9.361	0.65043
Fe1.3542	Fe1.10322	0.649888
Fe2.11365	Fe2.11944	0.649482
Fe4.1537	Fe6.1864	0.648976
Fe1.1381	Fe6.3519	0.648678
Fe4.3245	Fe7.9064	0.648621
Fe1.14510	Fe4.2045	0.648426
Fe6.3630	Fe7.13227	0.648054
Fe1.2258	Fe4.10558	0.647768
Fe1.96	Fe6.2280	0.647689
Fe1.7198	Fe6.4337	0.647668
Fe4.1552	Fe6.1854	0.647652
Fe6.9419	Fe8.5493	0.647586
Fe5.3635	Fe5.9802	0.647575
Fe4.11546	Fe6.7432	0.647485
Fe1.2801	Fe5.3523	0.647425
Fe1.13914	Fe6.4593	0.647331
Fe1.14550	Fe2.8860	0.647294
Fe1.9652	Fe5.726	0.647263
Fe1.6996	Fe6.11633	0.647208
Fe2.10878	Fe4.3571	0.647021
Fe1.9303	Fe8.10698	0.647001
Fe4.5545	Fe4.11584	0.646907
Fe1.7155	Fe3.6800	0.646835
Fe4.9602	Fe5.2545	0.646701
Fe3.8427	Fe6.5915	0.646392
Fe6.9851	Fe7.3724	0.646261
Fe4.3860	Fe5.11576	0.646256
Fe4.1553	Fe6.1843	0.64625
Fe1.11237	Fe4.13092	0.645874
Fe2.11097	Fe7.829	0.645574
Fe4.12776	Fe8.7809	0.645334
Fe7.3148	Fe7.8437	0.6451
Fe2.10781	Fe5.3523	0.644726
Fe2.150	Fe2.6015	0.644718
Fe3.2274	Fe7.1578	0.644614
Fe1.10029	Fe8.744	0.644424
Fe5.10910	Fe7.341	0.643958
Fe6.5364	Fe8.3507	0.643828
Fe4.1862	Fe6.4337	0.643814
Fe1.47	Fe6.2435	0.643591
Fe2.8594	Fe8.3656	0.643515
Fe2.2164	Fe4.848	0.643408

Fe1.9429	Fe6.11738	0.643179
Fe3.14556	Fe5.9603	0.642684
Fe2.13051	Fe8.4211	0.642612
Fe3.6095	Fe4.3970	0.642572
Fe5.13335	Fe7.5280	0.642374
Fe5.9078	Fe8.5493	0.64221
Fe8.1049	Fe8.3548	0.641937
Fe2.4513	Fe3.9122	0.641915
Fe2.3591	Fe3.4102	0.641825
Fe3.5063	Fe7.3724	0.641648
Fe1.5588	Fe1.6154	0.641516
Fe1.2271	Fe5.8912	0.641497
Fe2.11952	Fe3.8580	0.641331
Fe1.3771	Fe4.7979	0.641284
Fe5.379	Fe6.1115	0.641022
Fe3.13154	Fe7.11598	0.640906
Fe3.12471	Fe4.3665	0.640716
Fe3.2961	Fe8.3444	0.640622
Fe2.9436	Fe8.11006	0.640411
Fe1.3938	Fe5.10080	0.639839
Fe2.6330	Fe6.28	0.63979
Fe1.2271	Fe8.3754	0.639775
Fe5.2031	Fe5.2088	0.639742
Fe2.2283	Fe8.10975	0.639691
Fe4.9601	Fe5.12804	0.639679
Fe2.1940	Fe3.8982	0.639442
Fe2.11648	Fe2.13683	0.63935
Fe3.8655	Fe7.5692	0.639296
Fe5.4910	Fe8.1703	0.639164
Fe3.5847	Fe4.9980	0.639043
Fe2.4274	Fe3.10717	0.638921
Fe4.5424	Fe7.6390	0.638775
Fe5.1824	Fe6.11417	0.638456
Fe2.10006	Fe3.10615	0.638366
Fe4.7968	Fe6.6672	0.638263
Fe1.5504	Fe1.6322	0.637999
Fe3.4676	Fe3.7935	0.637993
Fe5.14399	Fe7.13311	0.63788
Fe6.5048	Fe7.9776	0.637676
Fe3.45	Fe8.3520	0.637529
Fe4.14099	Fe6.531	0.637306
Fe7.11163	Fe8.2639	0.637192
Fe5.5885	Fe6.5140	0.636355
Fe1.9872	Fe8.7215	0.636254
Fe2.11183	Fe2.13524	0.636225
Fe4.11750	Fe8.3945	0.635878
Fe3.2938	Fe7.11987	0.635782
Fe3.2950	Fe7.11987	0.635782
Fe2.13825	Fe8.12024	0.63561
Fe1.11818	Fe2.2450	0.635504
Fe2.11274	Fe5.9317	0.635489
Fe3.10988	Fe8.11762	0.635333
Fe3.222	Fe5.4084	0.634405
Fe2.12796	Fe4.5188	0.633982
Fe2.169	Fe2.6232	0.633782

Fe1.12777	Fe4.13625	0.633566
Fe1.11979	Fe4.13257	0.63352
Fe2.8516	Fe4.11078	0.633335
Fe5.3199	Fe6.3570	0.632633
Fe5.6857	Fe8.2555	0.632495
Fe2.13326	Fe4.3595	0.632118
Fe2.12165	Fe6.2186	0.631788
Fe1.6996	Fe5.5777	0.631727
Fe4.3893	Fe8.9651	0.631726
Fe3.8644	Fe6.11080	0.6317
Fe1.11396	Fe5.6155	0.631693
Fe2.10969	Fe2.13455	0.631508
Fe3.7066	Fe7.11576	0.631346
Fe4.14352	Fe6.652	0.631312
Fe8.2309	Fe8.3060	0.630899
Fe3.8064	Fe6.6317	0.630714
Fe1.99	Fe6.2251	0.630614
Fe2.14096	Fe4.3470	0.630598
Fe7.8437	Fe7.11828	0.630589
Fe2.9470	Fe2.12939	0.630141
Fe2.5088	Fe3.6289	0.629946
Fe1.5089	Fe5.8785	0.629939
Fe3.12016	Fe4.6031	0.629863
Fe2.2450	Fe3.6239	0.629725
Fe3.1017	Fe8.7199	0.629547
Fe3.2231	Fe8.7970	0.629511
Fe3.9564	Fe5.3199	0.629474
Fe6.2236	Fe7.11617	0.62927
Fe7.8223	Fe8.9043	0.628497
Fe3.7985	Fe4.2320	0.627974
Fe4.9433	Fe5.12855	0.627857
Fe3.181	Fe3.13576	0.627691
Fe5.4226	Fe6.4603	0.627625
Fe2.13937	Fe6.2583	0.627406
Fe6.10475	Fe8.6463	0.627242
Fe5.12112	Fe7.1835	0.626681
Fe5.10870	Fe7.352	0.626026
Fe3.12078	Fe6.3470	0.625957
Fe7.420	Fe8.10719	0.625956
Fe1.9875	Fe4.5764	0.625878
Fe4.2991	Fe7.5569	0.625601
Fe5.3635	Fe7.9955	0.6255
Fe1.4985	Fe7.12697	0.625047
Fe7.9776	Fe7.11687	0.624909
Fe2.959	Fe3.8823	0.62477
Fe2.8850	Fe5.3903	0.624651
Fe1.14017	Fe4.11441	0.62464
Fe5.4074	Fe6.4412	0.624538
Fe3.4856	Fe7.11335	0.62422
Fe3.4249	Fe3.13356	0.624036
Fe1.1434	Fe3.13539	0.623994
Fe1.8898	Fe1.11053	0.623452
Fe1.6870	Fe4.6042	0.62335
Fe3.5203	Fe7.11503	0.623185
Fe1.10399	Fe7.11738	0.62305

Fe4.5595	Fe6.11738	0.62305
Fe2.11085	Fe4.3309	0.622971
Fe2.4813	Fe4.5556	0.622824
Fe3.3708	Fe3.12342	0.622649
Fe3.5720	Fe6.7372	0.622616
Fe7.3382	Fe8.10238	0.622164
Fe3.5203	Fe7.10938	0.6219
Fe3.5563	Fe5.6472	0.621883
Fe6.3212	Fe6.9640	0.621038
Fe5.12112	Fe8.10138	0.620981
Fe5.6051	Fe6.4639	0.620978
Fe1.13504	Fe4.13934	0.620178
Fe6.8428	Fe8.1616	0.620177
Fe2.10051	Fe2.13346	0.619631
Fe2.11975	Fe2.12788	0.619401
Fe2.12059	Fe3.7928	0.619272
Fe1.3611	Fe2.2369	0.619172
Fe3.11069	Fe8.11754	0.618966
Fe1.4842	Fe8.5198	0.618916
Fe2.10349	Fe2.13165	0.618846
Fe3.9659	Fe5.5375	0.618807
Fe4.10558	Fe7.7710	0.618499
Fe2.13831	Fe2.14255	0.618417
Fe3.3099	Fe7.11652	0.618301
Fe2.8365	Fe8.611	0.618267
Fe2.7952	Fe4.8882	0.618123
Fe4.6042	Fe4.9656	0.618025
Fe2.10952	Fe2.13441	0.617981
Fe3.1690	Fe6.2236	0.617879
Fe1.10816	Fe8.7077	0.617831
Fe3.9518	Fe4.11720	0.617608
Fe1.12206	Fe4.13320	0.617581
Fe1.10031	Fe4.12503	0.617469
Fe3.14460	Fe5.9353	0.617399
Fe2.14105	Fe4.3446	0.617223
Fe6.11750	Fe7.8090	0.616984
Fe5.10938	Fe7.315	0.616687
Fe2.7678	Fe5.6857	0.616435
Fe2.121	Fe7.11338	0.616428
Fe2.2094	Fe4.792	0.616294
Fe5.11966	Fe7.38	0.616197
Fe2.3661	Fe4.1461	0.615985
Fe6.839	Fe7.1453	0.615829
Fe6.698	Hic.scaffold.11.130	0.615632
Fe3.8186	Fe4.11720	0.615504
Fe3.12068	Fe7.5564	0.615378
Fe6.11117	Fe7.3645	0.615328
Fe4.4745	Fe8.9302	0.615225
Fe3.13631	Fe8.11599	0.61489
Fe6.12245	Fe7.668	0.614764
Fe6.6275	Fe7.11980	0.614551
Fe6.5607	Fe7.6926	0.614454
Fe2.8697	Fe4.1697	0.614284
Fe2.8697	Fe7.12885	0.614284
Fe5.13221	Fe7.3918	0.614182

Fe1.11600	Fe4.13187	0.614113
Fe2.4790	Fe4.703	0.614009
Fe1.6588	Fe3.8124	0.613718
Fe3.13809	Fe5.9042	0.613573
Fe2.4790	Fe7.833	0.613349
Fe3.11203	Fe8.11739	0.612944
Fe2.12860	Fe4.6015	0.612764
Fe7.3087	Fe8.5318	0.612733
Fe1.11212	Fe2.10387	0.612537
Fe7.7425	Fe8.9147	0.612178
Fe2.4628	Fe7.4725	0.612132
Fe1.3094	Fe2.2583	0.612007
Fe5.6472	Fe6.2984	0.611953
Fe1.2375	Fe6.11179	0.611891
Fe3.566	Fe6.9302	0.611828
Fe3.13943	Fe4.3231	0.61164
Fe1.2750	Fe6.4597	0.611521
Fe2.1279	Fe4.454	0.611404
Fe3.10264	Fe3.13356	0.611285
Fe5.3566	Fe6.5213	0.611258
Fe2.10879	Fe2.13406	0.611171
Fe1.12164	Fe5.3356	0.611159
Fe1.12326	Fe5.1265	0.610999
Fe7.9788	Fe7.11689	0.610996
Fe3.13076	Fe4.5330	0.610993
Fe2.12608	Fe4.4449	0.610678
Fe4.4569	Fe8.9500	0.610636
Fe3.14579	Fe5.9673	0.610478
Fe1.7273	Fe5.9317	0.610441
Fe1.4597	Fe7.12145	0.610259
Fe1.14531	Fe2.8939	0.609795
Fe2.12642	Fe4.4550	0.609723
Fe5.9317	Fe8.4877	0.609718
Fe2.4813	Fe7.11598	0.60952
Fe2.2888	Fe4.1257	0.609443
Fe5.12584	Hic.scaffold.13.289	0.609361
Fe1.6571	Fe3.9102	0.609263
Fe1.9262	Fe8.6848	0.609138
Fe2.4406	Fe3.7618	0.609125
Fe1.12003	Fe7.5158	0.608362
Fe1.9609	Fe4.12231	0.608179
Fe1.8495	Fe5.6997	0.608174
Fe2.7566	Fe8.3656	0.608166
Fe1.584	Fe4.9515	0.607939
Fe5.12476	Fe8.2158	0.607892
Fe4.2192	Fe7.3645	0.607708
Fe4.9252	Fe7.11598	0.607483
Fe3.12037	Fe6.5135	0.607259
Fe3.5247	Fe6.7073	0.607081
Fe2.12356	Fe7.3645	0.606989
Fe4.13425	Fe5.1251	0.606933
Fe5.3933	Fe7.4972	0.606595
Fe2.394	Fe2.6790	0.606185
Fe1.14278	Fe2.14196	0.60582
Fe2.11294	Fe3.2735	0.605653

Fe1.4415	Fe1.12164	0.604687
Fe1.3031	Fe6.2941	0.604474
Fe1.454	Fe2.11952	0.604383
Fe5.3926	Fe6.7446	0.604316
Fe1.188	Fe6.2178	0.604302
Fe1.3937	Fe8.9406	0.604057
Fe1.2924	Fe8.8295	0.603952
Fe2.794	Fe3.6095	0.603561
Fe1.9618	Fe3.3267	0.60311
Fe2.4864	Fe3.6657	0.603019
Fe1.4415	Fe3.8580	0.602917
Fe1.10261	Fe7.6018	0.602614
Fe3.14368	Fe4.12345	0.602479
Fe3.7728	Fe4.11728	0.601978
Fe4.714	Fe4.12776	0.601931
Fe1.2500	Fe4.3760	0.601424
Fe2.11177	Fe2.13520	0.600994
Fe3.4568	Fe6.10778	0.600585
Fe3.12037	Fe5.3172	0.60048
Fe6.7446	Fe6.9702	0.600392
Fe4.5568	Fe8.9150	0.600353
Fe2.362	Fe8.9698	0.600344
Fe5.9078	Fe7.7007	0.600216
Fe5.1979	Fe5.12340	0.600193
Fe7.11598	Fe8.4415	0.600096
Fe2.507	Fe5.1920	0.599886
Fe2.8822	Fe4.11895	0.599833
Fe1.7433	Fe2.8697	0.599404
Fe5.9722	Fe8.11471	0.599329
Hic.scaffold.11.107	Hic.scaffold.11.235	0.59921
Fe2.9533	Fe3.9249	0.598821
Fe3.4375	Fe7.6511	0.59881
Fe4.1808	Fe4.6338	0.598497
Fe2.5085	Fe3.6800	0.598453
Fe2.10318	Fe8.5461	0.598373
Fe2.3702	Fe6.10064	0.598117
Fe4.2199	Fe7.906	0.598071
Fe1.93	Fe6.2285	0.597977
Fe4.2991	Fe7.11497	0.597975
Fe2.13606	Fe4.2886	0.597925
Fe1.6549	Fe8.834	0.597902
Fe2.2470	Fe4.1106	0.597883
Fe2.12794	Fe8.9256	0.597794
Fe1.10237	Fe3.12181	0.59773
Fe3.9856	Fe7.9955	0.597663
Fe3.13943	Fe7.840	0.597602
Fe2.11467	Fe6.3358	0.597452
Fe3.1366	Fe5.13336	0.597343
Fe1.9769	Fe8.443	0.597305
Fe4.11584	Fe7.11525	0.597285
Fe1.11212	Fe5.3045	0.596917
Fe6.7482	Hic.scaffold.9.332	0.596778
Fe4.909	Fe4.12511	0.596667
Fe1.491	Fe2.13947	0.596368
Fe1.4474	Fe7.11335	0.596297

Fe3.13154	Fe4.9353	0.596259
Fe4.14417	Fe6.698	0.596155
Fe1.11872	Fe4.13224	0.595831
Fe1.10863	Hic.scaffold.9.270	0.5958
Fe1.3800	Hic.scaffold.10.195	0.595661
Fe2.114	Fe7.11177	0.595575
Fe1.12117	Fe4.13386	0.59551
Fe3.14510	Fe8.11524	0.595477
Fe5.4171	Fe7.3651	0.595449
Fe2.13634	Fe4.2801	0.595396
Fe7.3780	Fe8.2819	0.595135
Fe2.8697	Fe4.3860	0.5949
Fe1.13703	Fe2.3206	0.594847
Fe2.10777	Fe2.12975	0.594772
Fe2.12804	Fe3.9355	0.594534
Fe3.2092	Fe3.3551	0.594519
Fe4.14022	Fe5.289	0.594481
Fe5.11664	Fe7.7710	0.59438
Fe4.11977	Fe6.10407	0.594342
Fe2.1201	Fe4.429	0.594135
Fe3.159	Fe8.436	0.594034
Fe2.13945	Fe6.2591	0.594033
Fe3.7369	Fe6.5572	0.593836
Fe3.7370	Fe6.5797	0.593733
Fe3.10524	Fe7.8241	0.593608
Fe1.14428	Fe4.13719	0.59355
Fe1.66	Fe6.2429	0.593368
Fe4.11554	Fe7.11231	0.593288
Fe1.14142	Fe5.3220	0.593229
Fe3.5203	Fe7.6359	0.593017
Fe3.8645	Fe5.6711	0.592671
Fe1.10146	Fe4.9246	0.592617
Fe3.9125	Fe4.2975	0.592239
Fe2.4274	Fe4.3245	0.591446
Fe4.10471	Fe5.3374	0.591371
Fe1.13941	Fe4.11240	0.591225
Fe5.3988	Fe7.11738	0.591193
Fe2.2616	Fe8.7805	0.59062
Fe4.5961	Fe8.9065	0.590553
Fe6.3103	Fe7.12676	0.589769
Fe6.11179	Fe7.4303	0.589476
Fe2.843	Fe4.224	0.589138
Fe1.3329	Fe3.6223	0.588476
Fe2.2583	Fe2.13334	0.588297
Fe2.2104	Fe4.805	0.588119
Fe1.10107	Fe4.12409	0.588045
Fe4.3296	Fe6.9518	0.587936
Fe6.3470	Fe6.6430	0.587876
Fe6.3570	Fe7.2465	0.587596
Fe2.2245	Fe4.6184	0.587478
Fe3.14013	Fe8.10708	0.587427
Fe4.339	Fe6.1547	0.58715
Fe1.1372	Fe6.3516	0.587052
Fe3.3193	Fe4.3970	0.586794
Fe2.13337	Fe2.14236	0.586502

Fe1.3094	Fe8.3656	0.586217
Fe2.4211	Fe3.7899	0.586157
Fe6.5557	Fe7.7044	0.58599
Fe3.4148	Fe7.7044	0.585828
Fe6.784	Fe8.11763	0.585821
Fe1.9444	Fe2.8822	0.585518
Fe2.9776	Fe4.2094	0.585439
Fe1.291	Fe6.2054	0.585324
Fe1.3625	Fe5.4473	0.585257
Fe1.8049	Fe1.10322	0.585155
Fe6.1227	Fe7.4370	0.585111
Fe2.12818	Fe8.9149	0.584974
Fe5.11636	Fe6.8264	0.584717
Fe1.9820	Fe4.12304	0.584185
Fe2.1106	Fe4.338	0.584162
Fe6.3822	Fe8.9629	0.583831
Fe6.6339	Fe8.6652	0.583724
Fe6.6123	Fe7.11853	0.583382
Fe4.12304	Fe5.763	0.582844
Fe2.13605	Fe2.14077	0.582624
Fe5.12749	Fe7.5938	0.582096
Fe1.11892	Fe7.6018	0.581931
Fe1.13255	Fe2.11071	0.581868
Fe1.13471	Fe4.13935	0.581706
Fe5.10528	Fe7.421	0.581033
Fe5.10501	Fe7.431	0.581028
Fe1.12103	Fe4.13387	0.580979
Fe2.2418	Fe7.8104	0.580703
Fe3.4258	Fe7.6657	0.580583
Fe6.10406	Fe7.8437	0.58049
Fe1.14055	Fe6.4201	0.580406
Fe2.2387	Fe4.9398	0.579901
Fe2.10242	Fe5.8871	0.579782
Fe1.12032	Fe4.9132	0.579396
Fe3.248	Fe5.4137	0.579223
Fe2.9859	Fe2.13263	0.579163
Fe3.404	Fe5.449	0.578972
Fe5.1255	Fe7.3045	0.578956
Fe4.13599	Fe8.7981	0.578801
Fe2.2207	Fe7.5370	0.578714
Fe5.3188	Fe6.6339	0.578526
Fe2.14292	Fe8.10428	0.578217
Fe2.9886	Fe4.2154	0.578163
Fe2.8904	Fe4.11755	0.577944
Fe4.5133	Fe8.4076	0.577866
Fe2.2379	Fe4.1074	0.577817
Fe2.2423	Fe4.1074	0.577817
Fe2.12573	Fe8.9734	0.577774
Fe4.14515	Fe8.9844	0.577722
Fe3.7079	Fe8.7096	0.577717
Fe4.831	Fe8.10810	0.577579
Fe3.5975	Fe7.3724	0.5773
Fe2.1292	Fe4.462	0.576757
Fe3.5063	Fe8.6652	0.576706
Fe4.3250	Fe6.9458	0.576105

Fe4.2896	Hic.scaffold.12.186	0.575937
Fe5.8230	Fe7.3724	0.575912
Fe2.8822	Fe8.5464	0.575843
Fe3.5203	Fe6.10643	0.575635
Fe4.12244	Fe6.1844	0.575475
Fe5.412	Fe7.4295	0.57542
Fe2.2281	Fe4.909	0.575312
Fe2.5419	Fe4.4334	0.575287
Fe6.10236	Fe7.11857	0.575281
Fe1.4415	Fe4.3037	0.574886
Fe1.13289	Fe3.2864	0.574805
Fe6.10526	Fe7.9705	0.574534
Fe2.12811	Fe8.9125	0.574495
Fe1.14193	Fe5.3646	0.574424
Fe6.10526	Fe7.11549	0.574329
Fe1.9303	Fe4.4895	0.574196
Fe1.2500	Fe4.5602	0.574161
Fe6.8368	Fe7.7153	0.57407
Fe7.4972	Fe7.6653	0.574031
Fe2.2583	Fe2.11294	0.57393
Fe4.9252	Fe6.11117	0.57392
Fe5.1471	Fe6.1610	0.573729
Fe2.2583	Fe7.11828	0.573403
Fe3.5724	Fe5.5617	0.572599
Fe1.2227	Fe6.4201	0.572558
Fe2.11486	Fe6.2236	0.572467
Fe3.12097	Fe7.8104	0.572119
Fe1.1223	Fe4.14204	0.572092
Fe7.170	Fe7.2998	0.571917
Fe2.12811	Fe8.9167	0.571256
Fe4.5755	Fe6.7616	0.571116
Fe3.10524	Fe7.11689	0.570956
Fe4.5556	Fe6.3470	0.570936
Fe4.11557	Fe7.6018	0.570842
Fe2.5037	Fe3.5563	0.570659
Fe6.5269	Fe8.7750	0.570608
Fe7.2753	Fe7.10069	0.570316
Fe1.11758	Fe4.13204	0.570292
Fe5.1555	Fe5.1706	0.569491
Fe2.11410	Fe2.11987	0.569319
Fe2.8697	Fe4.11160	0.568754
Fe2.786	Fe5.13059	0.56869
Fe5.10045	Fe7.9064	0.568491
Fe3.7506	Fe3.10407	0.568428
Fe2.2771	Fe6.3064	0.568114
Fe2.8644	Fe5.13351	0.567686
Fe5.12195	Fe7.30	0.56745
Fe4.9264	Fe5.5299	0.567226
Fe4.6980	Fe5.7248	0.56707
Fe1.3542	Fe8.3754	0.566681
Fe3.4208	Fe6.2310	0.566598
Fe4.9009	Fe6.12237	0.5665
Fe4.7979	Fe4.11408	0.566499
Fe6.3570	Fe8.678	0.56646
Fe5.7	Fe5.3523	0.566395

Fe2.13825	Fe8.5464	0.566079
Fe1.6996	Fe5.5885	0.566059
Fe5.9078	Fe7.6756	0.565696
Fe5.8230	Fe8.6652	0.565669
Fe3.12078	Fe8.678	0.565512
Fe2.11410	Fe2.11969	0.565428
Fe1.2421	Fe1.4474	0.564806
Fe1.13848	Fe7.1037	0.564766
Fe2.4274	Fe2.4858	0.564436
Fe1.2979	Fe1.3739	0.564315
Fe1.8898	Fe3.12200	0.564173
Fe3.6522	Fe4.11557	0.564061
Fe1.3697	Fe6.5140	0.563962
Fe1.5426	Fe3.9690	0.563547
Fe6.3103	Fe6.3708	0.563428
Fe5.2074	Fe7.1139	0.56341
Fe8.4201	Fe8.6735	0.563392
Fe4.5556	Fe8.456	0.563357
Fe2.1521	Fe6.9526	0.562948
Fe1.13456	Fe4.13951	0.562455
Fe4.2614	Fe4.14204	0.562396
Fe4.8092	Fe5.9049	0.562321
Fe6.3103	Fe8.7981	0.562248
Fe1.9164	Fe4.4607	0.562238
Fe1.4474	Fe5.9110	0.561644
Fe2.13796	Fe2.14163	0.561614
Fe5.4826	Fe6.10236	0.561434
Fe4.14002	Fe6.439	0.56135
Fe2.11217	Fe2.13781	0.560706
Fe2.4274	Fe5.7545	0.560434
Fe4.3845	Fe7.9027	0.560348
Fe2.10387	Fe3.2027	0.560304
Fe1.12250	Fe4.13276	0.560163
Fe2.844	Fe2.2450	0.56005
Fe2.11950	Hic.scaffold.13.207	0.560007
Fe1.4599	Fe2.8904	0.55983
Fe4.14383	Hic.scaffold.11.108	0.559806
Fe2.10269	Fe4.4607	0.559351
Fe3.9199	Fe3.14038	0.559179
Fe1.12164	Fe5.12476	0.559084
Fe3.505	Fe8.7490	0.558887
Fe6.10178	Fe7.11738	0.558833
Fe4.3901	Fe7.9064	0.558678
Fe1.4755	Fe7.7425	0.558567
Fe3.10519	Fe7.9262	0.558171
Fe1.14497	Fe2.9202	0.557822
Fe8.5384	Fe8.10634	0.557611
Fe1.3697	Fe8.2114	0.557568
Fe1.4261	Fe7.5826	0.557416
Fe4.14183	Fe6.553	0.55725
Fe3.2412	Fe4.11584	0.557129
Fe6.8490	Fe7.3382	0.556093
Fe2.10850	Fe4.2358	0.555774
Fe2.10652	Fe4.2284	0.555597
Fe2.10957	Fe8.678	0.555579

Fe6.5797	Fe8.3656	0.555429
Fe3.12200	Fe5.8373	0.555419
Fe3.12008	Fe4.5545	0.555334
Fe2.7809	Fe7.1444	0.555088
Fe3.1756	Fe8.3507	0.554915
Fe5.12284	Fe7.1943	0.55481
Fe2.6575	Fe4.14190	0.554806
Fe7.11455	Fe8.5691	0.55466
Fe1.6886	Fe8.5472	0.554626
Fe1.4467	Fe4.6415	0.55459
Fe4.69	Fe6.1377	0.55437
Fe1.5070	Fe5.11576	0.5543
Fe1.10399	Fe4.5609	0.554249
Fe4.749	Fe6.3582	0.554119
Fe4.9602	Fe7.12276	0.553706
Fe4.7892	Fe7.8191	0.553513
Fe1.3170	Fe6.6875	0.553363
Fe1.13689	Fe4.13883	0.553273
Fe3.5714	Fe6.9985	0.553226
Fe5.5885	Fe8.3766	0.553031
Fe1.10098	Fe3.11663	0.552678
Fe1.719	Fe6.2688	0.552648
Fe5.3220	Fe7.1548	0.552648
Fe1.9820	Fe5.763	0.551775
Fe4.703	Fe4.2097	0.551554
Fe3.5420	Fe4.8568	0.551467
Fe1.2500	Fe6.10229	0.551142
Fe2.8822	Fe7.113	0.550848
Fe1.13691	Fe4.13879	0.550786
Fe6.12154	Fe7.3724	0.550732
Fe1.9277	Fe3.2840	0.550545
Fe4.14114	Fe6.528	0.550451
Fe2.2583	Fe3.7369	0.550123
Fe2.11683	Fe3.878	0.549885
Fe6.10406	Fe7.4892	0.549761
Fe6.3961	Fe6.5135	0.549652
Fe3.13423	Fe7.9776	0.549617
Fe3.5975	Fe3.12068	0.549144
Fe3.8823	Fe4.5556	0.549005
Fe3.8505	Fe5.6448	0.548859
Fe3.6223	Fe5.5885	0.548339
Fe4.14210	Fe6.569	0.548052
Fe2.8528	Fe6.11840	0.547953
Fe6.3470	Fe8.456	0.54738
Fe4.14463	Fe8.10644	0.547326
Fe3.3348	Fe6.10560	0.547163
Fe3.7618	Fe7.6018	0.547128
Fe6.3470	Fe7.3645	0.547106
Fe4.9400	Fe7.3583	0.54667
Fe2.14110	Fe4.3376	0.546423
Fe3.9564	Fe8.4415	0.546222
Fe1.487	Fe2.13946	0.546213
Fe3.4762	Fe4.8479	0.546162
Fe4.3812	Fe6.6286	0.54604
Fe5.8621	Fe7.5826	0.545821

Fe3.8641	Hic.scaffold.9.192	0.545813
Fe3.2274	Fe7.3482	0.545631
Fe1.10399	Fe2.4274	0.545609
Fe1.7155	Fe8.5108	0.545351
Fe5.9169	Fe7.7777	0.545162
Fe1.3329	Fe4.3845	0.545114
Fe3.5720	Fe6.100	0.544839
Fe1.4415	Fe6.5269	0.544684
Fe1.13370	Fe3.14359	0.54458
Fe3.2676	Fe7.12445	0.544515
Fe3.2339	Fe8.8068	0.544298
Fe3.2368	Fe4.11603	0.544232
Fe5.12112	Fe7.11231	0.54412
Fe4.14201	Fe6.555	0.544084
Fe7.3845	Fe8.2684	0.544038
Fe3.8580	Fe5.13761	0.543769
Fe2.975	Fe2.11763	0.543623
Fe3.12538	Fe8.660	0.543241
Fe3.9856	Fe7.11455	0.543202
Fe2.2928	Fe2.8822	0.542417
Fe2.13568	Fe2.14105	0.541743
Fe4.5556	Fe8.4415	0.541594
Fe2.10233	Fe2.13308	0.541335
Fe2.3081	Fe8.2864	0.54126
Fe3.7889	Fe6.9433	0.54115
Fe5.5885	Fe6.5619	0.541118
Fe3.6346	Fe7.5826	0.541107
Fe5.4976	Fe6.5572	0.541103
Fe1.10099	Fe7.833	0.540836
Fe5.10530	Fe7.420	0.54083
Fe6.5193	Fe6.6339	0.540823
Fe1.8889	Fe3.316	0.540375
Fe1.6811	Fe4.5584	0.539723
Fe2.1149	Hic.scaffold.10.155	0.53943
Fe2.2722	Fe8.10029	0.539293
Fe5.12204	Fe7.1847	0.539149
Fe8.666	Fe8.2471	0.538953
Fe7.3645	Fe8.5108	0.538908
Fe1.12153	Fe2.8904	0.53887
Fe4.14576	Fe5.29	0.538766
Fe1.7155	Fe7.3645	0.538532
Fe4.13258	Fe6.11351	0.538484
Fe3.13974	Fe8.9209	0.53837
Fe1.6842	Fe2.2590	0.538271
Fe8.1555	Fe8.8019	0.538094
Fe2.11171	Fe8.11951	0.537824
Fe5.9988	Fe8.3040	0.537613
Fe5.14481	Fe7.2555	0.537528
Fe4.14393	Hic.scaffold.11.151	0.537488
Fe4.9754	Fe4.10700	0.537461
Fe6.2236	Fe8.8170	0.537425
Fe6.11588	Fe7.3780	0.537417
Fe3.12037	Fe7.627	0.536971
Fe5.12102	Fe7.12	0.536719
Fe3.3195	Fe7.11349	0.53643

Fe3.6095	Fe7.8077	0.536394
Fe5.11765	Fe8.3507	0.536249
Fe1.4551	Fe8.5137	0.536019
Fe2.11294	Fe6.7777	0.536016
Fe3.13367	Fe4.10759	0.535897
Fe6.11234	Fe8.6783	0.535847
Fe3.10196	Fe6.10100	0.535628
Fe1.14009	Fe4.11339	0.535386
Fe2.3591	Fe4.3717	0.535262
Fe6.711	Hic.scaffold.11.141	0.53463
Fe2.8904	Fe5.11064	0.534403
Fe7.1676	Fe8.5081	0.534244
Fe5.3635	Fe7.11335	0.53422
Fe5.474	Fe7.4407	0.534115
Fe1.12240	Fe4.13279	0.534011
Fe1.14514	Fe2.9107	0.533739
Fe6.11970	Fe8.3106	0.533525
Fe2.8544	Fe7.6232	0.53346
Fe2.1314	Fe8.1591	0.533422
Fe3.5203	Fe5.7786	0.533332
Fe3.6264	Fe5.6560	0.53332
Fe2.2835	Fe3.3080	0.533132
Fe5.6676	Fe6.7616	0.53302
Fe6.6672	Fe7.9911	0.532738
Fe2.1605	Fe6.1706	0.532682
Fe2.4274	Fe5.11188	0.532348
Fe1.10773	Fe3.13745	0.532279
Fe4.8917	Fe7.12394	0.532227
Fe1.6996	Fe4.6136	0.531617
Fe4.3348	Fe5.12340	0.53151
Fe5.3523	Fe8.6887	0.530899
Fe3.5958	Fe7.770	0.530404
Fe4.1728	Fe5.10957	0.530296
Fe4.714	Fe7.2465	0.530154
Fe4.9660	Fe5.5095	0.529719
Fe2.4406	Fe4.5133	0.52961
Fe3.5771	Fe5.8510	0.529376
Fe2.10230	Fe3.11623	0.529208
Fe2.8526	Fe3.3536	0.529148
Fe1.1543	Fe6.3652	0.529145
Fe4.11720	Fe5.8969	0.529005
Fe5.8845	Fe7.5826	0.528913
Fe5.9343	Fe8.4602	0.52878
Fe3.10474	Fe7.9391	0.528643
Fe1.4474	Fe1.7426	0.52853
Fe3.3193	Fe3.4105	0.528456
Fe5.12325	Fe7.1987	0.528379
Fe3.4931	Fe8.10029	0.528187
Fe4.14236	Hic.scaffold.13.196	0.528121
Fe1.10237	Fe2.11382	0.526997
Fe1.9872	Fe7.11335	0.526558
Fe4.12345	Fe6.3047	0.526325
Fe2.3837	Fe3.13859	0.525756
Fe3.6095	Fe6.4477	0.52562
Fe6.6228	Fe7.5572	0.52548

Fe2.7755	Fe8.4018	0.52527
Fe6.3570	Fe7.3645	0.524931
Fe5.9317	Fe6.9798	0.524894
Fe1.6851	Fe7.3878	0.524592
Fe3.4152	Fe6.10406	0.524567
Fe6.1901	Fe7.9705	0.524378
Fe1.12599	Fe4.13555	0.523545
Fe2.4813	Fe8.678	0.523544
Fe3.13367	Fe7.12676	0.523346
Fe2.3554	Fe4.11600	0.523048
Fe3.1067	Fe5.11041	0.522834
Fe1.12855	Fe6.2396	0.52219
Fe2.5085	Fe5.8912	0.52183
Fe2.8850	Fe5.3188	0.521761
Fe1.9252	Fe1.11212	0.521119
Fe4.3812	Fe6.7840	0.520966
Fe2.3763	Fe6.10178	0.520902
Fe1.4599	Fe2.8697	0.520893
Fe6.6372	Fe8.4322	0.520682
Fe2.5091	Fe5.5885	0.520597
Fe2.5678	Fe2.8089	0.519977
Fe2.2590	Fe5.9148	0.519922
Fe3.3193	Fe8.6887	0.519653
Fe2.4406	Fe5.8322	0.519626
Fe7.5826	Fe8.2923	0.519589
Fe4.9602	Fe7.7425	0.518731
Fe5.8886	Fe8.11628	0.518291
Fe1.14055	Fe4.11581	0.518279
Fe2.12870	Fe8.9050	0.517773
Fe4.5968	Fe8.9062	0.517765
Fe5.10924	Fe7.335	0.517567
Fe4.2828	Fe6.5135	0.517473
Fe6.5652	Fe7.6933	0.51728
Fe3.12167	Fe8.11287	0.517242
Fe2.5037	Fe4.9264	0.51708
Fe3.3265	Fe7.11277	0.516809
Fe3.11098	Fe8.11747	0.516732
Fe3.9829	Fe7.6398	0.516706
Fe6.3460	Hic.scaffold.9.679	0.516625
Fe1.3013	Fe2.2722	0.516479
Fe6.2959	Fe6.7276	0.515932
Fe2.8822	Fe4.2896	0.51532
Fe5.14334	Fe7.12944	0.515186
Fe1.10773	Hic.scaffold.13.102	0.514796
Fe2.5185	Fe4.9132	0.514774
Fe6.2941	Fe6.5140	0.514558
Fe3.4931	Fe7.4972	0.514327
Fe3.2842	Fe5.8524	0.514107
Fe1.10863	Fe5.8379	0.513871
Fe7.8501	Fe8.5918	0.513841
Fe4.4607	Fe4.5893	0.513756
Fe1.3094	Fe2.10817	0.513665
Fe2.3351	Fe4.4607	0.513582
Fe2.8610	Fe6.11351	0.513447
Fe3.7369	Fe6.7777	0.513048

Fe5.6472	Fe8.4201	0.512947
Fe4.2192	Fe5.2703	0.512895
Fe1.1485	Fe3.14589	0.512825
Fe3.640	Fe4.10471	0.51278
Fe5.3988	Fe5.8510	0.512706
Fe4.10818	Fe5.3355	0.512656
Fe5.4173	Fe7.7184	0.512547
Fe3.6095	Fe5.7	0.512542
Fe5.10864	Fe7.357	0.512211
Fe4.11027	Fe6.6339	0.512063
Fe3.13759	Fe8.11577	0.511435
Fe2.9801	Fe7.3682	0.511433
Fe4.14173	Fe6.546	0.51123
Fe1.7273	Fe1.9303	0.511206
Fe3.1124	Fe4.3461	0.511169
Fe3.861	Fe6.3103	0.511088
Fe4.6042	Fe4.10224	0.510866
Fe4.1862	Fe7.5826	0.510831
Fe1.9303	Fe7.3437	0.510773
Fe6.10291	Fe8.6797	0.510407
Fe3.4025	Fe5.5885	0.509959
Fe2.1283	Fe3.12045	0.509802
Fe1.10153	Fe7.11455	0.509686
Fe2.7735	Fe3.8641	0.509472
Fe2.4922	Fe3.6522	0.509057
Fe3.6800	Fe7.3645	0.508942
Fe6.9484	Fe8.6488	0.508886
Fe5.3862	Fe8.9208	0.508856
Fe2.10957	Fe7.4297	0.508743
Fe3.9713	Fe8.10091	0.508607
Fe1.473	Fe4.14204	0.508303
Fe3.12000	Fe4.6000	0.508182
Fe2.3351	Fe6.3460	0.507848
Fe2.11274	Fe8.3180	0.507816
Fe4.2192	Fe6.11117	0.507694
Fe3.5533	Fe7.3467	0.50753
Fe2.946	Fe5.5885	0.507388
Fe1.3329	Fe6.5826	0.507366
Fe6.8490	Fe8.3507	0.507153
Fe2.3763	Fe3.5771	0.507066
Fe2.8697	Fe4.6031	0.506505
Fe3.588	Fe6.9269	0.505967
Fe3.5771	Fe6.7575	0.505685
Fe4.8396	Fe5.4826	0.50546
Fe5.5777	Fe6.5826	0.505331
Fe4.14403	Hic.scaffold.11.141	0.50509
Fe5.11737	Fe7.4725	0.504543
Fe2.10606	Fe6.3209	0.504487
Fe1.2603	Fe4.9602	0.50448
Fe5.4089	Fe5.8703	0.504314
Fe7.127	Fe7.3090	0.503808
Fe4.10774	Fe5.3239	0.50329
Fe4.2896	Fe7.1661	0.503121
Fe2.759	Fe7.3724	0.502874
Fe4.14465	Fe6.744	0.502273

Fe6.3708	Fe7.3896	0.502236
Fe1.3848	Fe5.2623	0.502162
Fe3.5641	Fe6.7341	0.502087
Fe5.2878	Fe7.1676	0.501712
Fe1.5230	Fe4.2320	0.501585
Fe5.13464	Fe6.3591	0.501331
Fe5.3006	Fe8.1547	0.501132
Fe4.8992	Fe7.12490	0.501001
Fe4.12345	Fe8.9922	0.500874
Fe1.9825	Fe4.1177	0.500358
Fe4.9551	Fe8.3680	0.500308
Fe4.2097	Fe4.11977	0.500088
Fe6.6407	Fe7.11443	0.500002
Fe3.14320	Fe4.2831	0.4999
Fe2.1410	Fe4.5133	0.499868
Fe1.9460	Fe2.8850	0.499835
Fe3.6435	Fe5.7454	0.499568
Fe5.1718	Fe5.12749	0.499441
Fe3.12037	Fe4.703	0.499439
Fe1.6996	Fe8.1607	0.499258
Fe5.5020	Fe6.5583	0.498982
Fe2.7848	Fe6.7553	0.498801
Fe5.11914	Fe7.5945	0.498766
Fe4.3245	Fe7.11738	0.498644
Fe1.9460	Fe3.8922	0.498374
Fe6.11111	Fe7.11934	0.498348
Fe2.7952	Fe3.6334	0.497776
Fe3.2390	Fe5.8045	0.497505
Fe1.4428	Fe8.4084	0.497136
Fe7.1608	Fe7.6159	0.497133
Fe3.5771	Fe7.5692	0.497018
Fe3.5642	Fe4.6000	0.496891
Fe1.10261	Fe8.4294	0.496782
Fe1.4599	Fe2.4274	0.49676
Fe4.6220	Fe7.12965	0.496615
Fe5.2990	Fe5.8891	0.496419
Fe1.9303	Fe2.4891	0.495985
Fe4.5609	Fe6.12290	0.495891
Fe4.9602	Fe7.7184	0.495772
Fe6.1901	Fe8.3754	0.495722
Fe6.3270	Fe6.7806	0.495499
Fe1.7198	Fe3.6346	0.49538
Fe4.5346	Fe5.12340	0.495346
Fe3.2831	Fe6.3792	0.49518
Fe5.13895	Fe6.3358	0.495151
Fe2.13805	Fe2.14183	0.495094
Fe4.3760	Fe6.3961	0.494915
Fe3.7455	Fe6.5915	0.494477
Fe5.2083	Fe6.9702	0.494401
Fe4.899	Fe7.9649	0.494064
Fe4.5609	Fe8.9539	0.493909
Fe4.14415	Fe7.4295	0.493839
Fe7.3148	Fe8.5464	0.493733
Fe5.13059	Fe6.12235	0.493683
Fe4.2975	Fe4.14204	0.493677

Fe2.9885	Fe6.10049	0.493621
Fe5.3994	Fe6.4337	0.493601
Fe7.11689	Fe8.9686	0.493412
Fe2.13351	Fe2.14246	0.493232
Fe2.8850	Fe6.9851	0.493135
Fe3.10701	Fe5.7610	0.49299
Fe1.6996	Fe3.12316	0.492894
Fe3.6667	Fe6.6672	0.49246
Fe2.3702	Fe3.13938	0.492418
Fe5.2060	Fe8.443	0.492356
Fe1.12259	Fe8.634	0.491228
Fe4.6136	Fe8.3889	0.491223
Fe5.1555	Fe5.1589	0.491053
Fe3.12675	Hic.scaffold.13.215	0.490797
Fe3.2027	Fe6.9306	0.490624
Fe1.10399	Fe3.12353	0.490619
Fe1.14043	Fe7.1181	0.490606
Fe3.3504	Fe3.9602	0.490426
Fe5.4056	Fe6.5193	0.490218
Fe2.3836	Fe6.3460	0.489679
Fe4.4607	Fe6.2573	0.489004
Fe2.8822	Fe3.2904	0.488571
Fe2.12696	Fe4.4666	0.487908
Fe1.3239	Fe8.5306	0.487726
Fe1.12553	Fe8.7362	0.487198
Fe4.3924	Fe4.6000	0.487095
Fe1.7155	Fe8.456	0.48701
Fe6.10748	Fe7.11738	0.486932
Fe3.6430	Fe6.7917	0.486729
Fe2.5037	Fe8.4201	0.486564
Fe3.12238	Fe6.12072	0.486451
Fe1.9303	Fe6.9798	0.486035
Fe7.2465	Fe7.11598	0.485776
Fe1.6237	Fe5.5885	0.485709
Fe2.10267	Fe7.5826	0.485676
Fe2.3554	Fe6.10064	0.485181
Fe5.4793	Fe6.3570	0.485
Fe5.14462	Fe7.2579	0.484983
Fe5.10084	Fe7.560	0.484774
Fe1.10502	Fe4.12775	0.484741
Fe3.6223	Fe4.9579	0.484728
Fe1.5751	Fe4.5764	0.48466
Fe2.7559	Fe7.5826	0.483978
Fe6.12290	Fe8.664	0.483858
Fe3.4601	Fe8.2114	0.483612
Fe4.8496	Fe6.5249	0.483573
Fe2.10555	Fe5.13230	0.483136
Fe1.14249	Fe4.11977	0.482843
Fe1.4985	Fe4.494	0.482725
Fe1.7825	Fe3.4083	0.482552
Fe3.12056	Fe6.3460	0.482404
Fe2.4121	Fe7.4431	0.482339
Fe4.4443	Fe8.9534	0.482293
Fe1.10261	Fe7.10000	0.482165
Fe6.3460	Fe6.12237	0.482146

Fe1.8675	Fe7.4358	0.482095
Fe1.10399	Fe3.6690	0.482059
Fe4.1967	Fe7.6232	0.481944
Fe2.11795	Fe3.6223	0.481856
Fe4.5556	Fe5.8912	0.481317
Fe5.8230	Fe8.4322	0.48089
Fe2.512	Fe2.12231	0.48074
Fe2.11952	Fe6.241	0.480582
Fe1.14525	Fe2.8991	0.480224
Fe2.8697	Fe4.3104	0.479951
Fe2.4790	Fe3.4249	0.479787
Fe1.6870	Fe3.9962	0.479758
Fe2.4154	Fe7.7153	0.479718
Fe3.13015	Fe7.11738	0.479311
Fe6.10229	Fe7.11828	0.479305
Fe1.3094	Fe4.11895	0.478831
Fe2.2722	Fe4.3461	0.478308
Fe4.11977	Fe6.7777	0.477737
Fe6.11117	Fe7.2465	0.476871
Fe4.6852	Fe4.9009	0.476741
Fe2.13556	Fe4.3376	0.476738
Fe6.8428	Fe7.7282	0.47647
Fe2.2928	Fe4.2896	0.476459
Fe3.4104	Fe4.4040	0.476336
Fe1.9872	Fe6.9185	0.476223
Fe3.13418	Fe4.9660	0.476124
Fe2.8476	Fe7.8392	0.475811
Fe2.197	Fe6.27	0.475636
Fe3.4085	Fe3.4308	0.475508
Fe1.11212	Fe3.13859	0.475452
Fe2.11862	Fe7.1136	0.475341
Fe2.4274	Fe6.3830	0.475269
Fe3.2961	Fe7.12691	0.47489
Fe3.5533	Fe6.1081	0.474782
Fe1.10158	Fe6.3570	0.474671
Fe5.3356	Fe7.12691	0.474651
Fe3.4198	Fe7.6814	0.4746
Fe5.12380	Fe7.2010	0.474292
Fe1.8907	Fe3.5771	0.474275
Fe6.10526	Fe8.10078	0.473835
Fe3.5771	Fe4.3901	0.472446
Fe5.6198	Fe7.3382	0.472432
Fe3.552	Fe6.9328	0.47242
Fe1.189	Fe6.2176	0.472248
Fe1.1389	Fe4.4607	0.472233
Fe1.7198	Fe5.4834	0.472162
Fe3.12045	Fe6.10919	0.471927
Fe2.11274	Fe6.10049	0.47141
Fe4.9187	Fe6.3028	0.471233
Fe3.4072	Fe6.7616	0.471103
Fe1.10322	Fe8.4283	0.471098
Fe2.2820	Fe5.12649	0.471046
Fe3.12316	Fe4.6136	0.470994
Fe2.3836	Fe7.11738	0.470752
Fe1.1389	Fe3.5771	0.470089

Fe1.7128	Fe3.6640	0.469972
Fe5.12340	Fe7.1700	0.469853
Fe7.8447	Fe8.9698	0.469758
Fe5.12181	Fe7.27	0.469583
Fe2.13260	Fe4.3461	0.469528
Fe2.3554	Fe8.9860	0.469433
Fe1.10773	Fe8.6984	0.469376
Fe3.12012	Fe4.3635	0.469356
Fe2.13556	Fe2.14110	0.469242
Fe3.2135	Fe8.7909	0.469096
Fe1.11212	Hic.scaffold.10.381	0.468998
Fe2.959	Fe8.456	0.468162
Fe2.8511	Fe7.3651	0.468045
Fe1.7180	Fe1.7748	0.467899
Fe7.2634	Fe7.10825	0.467596
Fe3.11990	Fe5.7786	0.467008
Fe2.4858	Fe3.8655	0.46688
Fe2.9558	Fe6.4337	0.466555
Fe6.12032	Fe8.3307	0.466283
Fe2.565	Fe3.4584	0.466114
Fe1.7433	Fe7.11738	0.465491
Fe4.3860	Fe6.3460	0.465368
Fe1.9577	Fe6.10490	0.465285
Fe1.9303	Fe2.8309	0.465232
Fe4.14204	Fe7.833	0.465167
Fe4.9515	Fe7.11091	0.465079
Fe4.10101	Fe7.10440	0.465013
Fe3.5756	Fe8.1547	0.464861
Fe2.1611	Fe8.10296	0.464575
Fe2.4154	Fe5.3635	0.464454
Fe3.12316	Fe5.5885	0.464337
Fe4.6136	Fe5.3994	0.46412
Fe3.55	Fe8.3400	0.463857
Fe5.449	Fe6.1182	0.463706
Fe4.714	Fe6.3570	0.463362
Fe4.4675	Fe4.9584	0.46279
Fe5.12379	Fe7.2009	0.462653
Fe1.2106	Fe6.4059	0.462577
Fe3.12055	Fe4.4607	0.462547
Fe8.5380	Fe8.10636	0.46246
Fe3.9564	Fe8.7809	0.462215
Fe6.10136	Fe7.12001	0.462123
Fe2.10957	Fe5.2703	0.461935
Fe2.6390	Fe7.7564	0.461465
Fe4.11584	Fe6.3391	0.460963
Fe7.11549	Fe8.3754	0.460938
Fe4.3970	Fe5.11428	0.460917
Fe3.12047	Fe3.13607	0.460879
Fe6.9241	Fe8.4322	0.460646
Fe5.11576	Fe6.9201	0.460495
Fe3.13367	Fe4.13599	0.460013
Fe2.2670	Fe3.9856	0.459991
Fe2.3745	Fe6.3460	0.459823
Fe1.3758	Fe3.7889	0.459744
Fe1.11215	Fe4.13070	0.4597

Fe3.5771	Fe4.5609	0.459481
Fe8.2587	Fe8.4322	0.459391
Fe4.5893	Fe7.11738	0.459232
Fe1.11817	Fe2.5370	0.459067
Fe4.13144	Fe6.3460	0.458977
Fe4.2975	Fe4.3760	0.458613
Fe2.3640	Fe7.8453	0.458589
Fe5.7288	Fe5.7313	0.458302
Fe4.12244	Fe7.3896	0.45803
Fe3.13943	Fe5.2385	0.457819
Fe6.2573	Fe6.3460	0.45737
Fe5.11307	Fe7.12460	0.457356
Fe5.6130	Fe8.4550	0.457113
Fe5.1629	Fe5.1665	0.457021
Fe5.7546	Fe6.3460	0.456674
Fe4.14355	Fe6.653	0.456452
Fe3.470	Fe8.7415	0.45558
Fe4.8339	Fe6.11694	0.455525
Fe3.12316	Fe4.9579	0.455334
Fe2.2722	Fe7.11231	0.45518
Fe3.14288	Fe3.14330	0.455065
Fe2.5185	Fe3.10617	0.455044
Fe1.9303	Fe7.11503	0.454595
Fe3.5724	Fe7.6981	0.454295
Fe1.14431	Fe3.762	0.454286
Fe1.7426	Fe5.3635	0.454276
Fe3.4679	Fe5.3070	0.45412
Fe5.10692	Fe7.7710	0.454044
Fe4.9660	Fe8.3746	0.453887
Fe1.11682	Fe4.2133	0.453882
Fe3.9283	Fe7.11738	0.453238
Fe7.156	Fe8.7929	0.452924
Fe3.9679	Fe6.6668	0.452453
Fe6.2751	Fe6.7714	0.452267
Fe4.4956	Fe6.3460	0.452183
Fe3.6690	Fe6.7575	0.452113
Fe2.7755	Fe5.6912	0.451764
Fe3.5420	Fe7.11455	0.451371
Fe7.2612	Fe8.592	0.451306
Fe2.13247	Fe8.12112	0.450891
Fe6.3470	Fe7.9993	0.450226
Fe5.12135	Fe7.14	0.450222
Fe3.2961	Fe6.5872	0.450175
Fe2.2105	Fe3.13367	0.450146
Fe4.11408	Fe6.4078	0.45004
Fe3.4249	Fe8.11763	0.449944
Fe3.6145	Fe5.6130	0.449927
Fe4.8207	Fe5.6130	0.449927
Fe1.10237	Fe2.10148	0.449895
Fe5.5732	Fe7.6384	0.44957
Fe5.12340	Fe6.5447	0.449335
Fe5.6857	Fe8.7215	0.449292
Fe3.2961	Fe3.6199	0.449064
Fe3.6031	Fe5.12917	0.449024
Fe1.10313	Fe6.1704	0.448979

Fe3.948	Fe6.7715	0.448979
Fe2.5664	Fe6.12290	0.448958
Fe5.3045	Fe5.12340	0.448922
Fe3.12238	Fe4.2834	0.448885
Fe1.14351	Fe4.3975	0.448793
Fe6.10344	Fe7.11853	0.448772
Fe2.11097	Fe2.14203	0.448373
Fe3.5402	Fe8.6540	0.4483
Fe2.10888	Fe5.4174	0.448054
Fe5.6155	Fe6.9837	0.447905
Fe4.11554	Fe6.5048	0.447535
Fe3.6346	Fe5.11307	0.447408
Fe1.7569	Fe2.7803	0.447146
Fe2.877	Fe2.14111	0.446957
Fe5.3988	Fe6.7575	0.446814
Fe5.9317	Fe5.10735	0.446474
Fe1.2918	Fe1.3213	0.446286
Fe2.11952	Fe3.13974	0.44574
Fe3.4152	Fe7.12691	0.445734
Fe6.7712	Fe8.10636	0.445656
Fe1.5188	Fe4.3619	0.445429
Fe7.4653	Fe7.11318	0.445118
Fe5.3220	Fe8.8974	0.444426
Fe4.5556	Fe4.7846	0.444018
Fe2.6366	Fe6.27	0.443678
Fe3.12078	Fe7.9993	0.443381
Fe1.12751	Fe2.8528	0.443355
Fe6.5048	Fe7.7184	0.443074
Fe2.10318	Fe4.3924	0.442812
Fe6.6123	Fe6.7666	0.442228
Fe6.3570	Fe7.2372	0.441992
Fe3.12037	Fe6.10229	0.441394
Fe4.14391	Hic.scaffold.11.202	0.441273
Fe1.10894	Fe3.3295	0.441246
Fe3.2149	Fe6.11111	0.440964
Fe3.1124	Fe8.10138	0.440907
Fe4.11554	Fe6.1844	0.440763
Fe2.13572	Fe8.666	0.44045
Fe6.9640	Fe8.6652	0.440081
Fe1.2162	Fe3.5958	0.439882
Fe2.371	Fe2.6720	0.4397
Fe6.3792	Fe7.2586	0.439566
Fe2.13334	Fe3.13974	0.439536
Fe1.9658	Fe8.10634	0.439379
Fe2.2670	Fe4.11293	0.43927
Fe6.10778	Fe7.11455	0.439087
Fe2.7857	Fe8.4178	0.438566
Fe3.4568	Fe6.6006	0.438537
Fe6.5826	Fe7.1181	0.438451
Fe5.10692	Fe6.8490	0.438395
Fe4.7855	Fe7.10825	0.438368
Fe4.6136	Fe8.3970	0.438333
Fe7.2172	Fe8.10238	0.438327
Fe2.11387	Fe3.8655	0.43825
Fe2.959	Fe8.678	0.438093

Fe2.5664	Fe7.11738	0.437933
Fe3.2013	Fe6.3460	0.437655
Fe3.5771	Fe6.9893	0.437632
Fe1.6996	Fe8.2114	0.437304
Fe1.5070	Fe1.12153	0.437019
Fe2.2520	Fe4.1163	0.436977
Fe3.7988	Fe6.9330	0.436973
Fe2.4485	Fe4.3779	0.436782
Fe2.11952	Fe8.12024	0.436676
Fe1.14249	Fe3.4152	0.436465
Fe1.2267	Fe7.11853	0.436463
Fe2.587	Fe5.4722	0.436013
Fe1.2738	Fe4.3812	0.435823
Fe3.8427	Fe5.6472	0.43564
Fe6.11179	Fe7.3896	0.435472
Fe1.2603	Fe6.11351	0.435215
Fe3.1023	Fe8.11066	0.435168
Fe2.2207	Fe3.2368	0.435099
Fe5.3172	Fe6.1896	0.434641
Fe6.3103	Fe6.9494	0.434499
Fe6.5289	Fe7.7649	0.43445
Fe8.3754	Fe8.6797	0.434314
Fe4.7275	Fe8.2530	0.434254
Fe2.309	Fe8.10078	0.433756
Fe1.5232	Fe8.9257	0.433519
Fe5.11943	Fe7.33	0.433497
Fe2.2895	Fe4.11846	0.432884
Fe6.3270	Fe6.7547	0.432821
Fe1.4261	Fe4.6828	0.431976
Fe3.4931	Fe8.7981	0.431309
Fe5.5375	Fe7.5994	0.430903
Fe4.2440	Fe5.3705	0.430753
Fe2.4042	Fe6.10178	0.430625
Fe7.6069	Fe7.8737	0.430512
Fe1.3697	Fe8.3970	0.430266
Fe3.4025	Fe7.11922	0.430204
Fe1.11212	Fe4.5982	0.429769
Fe4.7780	Fe5.8703	0.429599
Fe1.7426	Fe3.1971	0.429404
Fe2.12697	Fe4.4678	0.429385
Fe4.3104	Fe4.4607	0.429267
Fe2.11800	Fe6.1761	0.428982
Fe1.3914	Fe6.4935	0.428549
Fe3.10672	Fe5.7724	0.428524
Fe1.4986	Fe4.496	0.428338
Fe5.9005	Fe6.8428	0.427477
Fe1.1417	Fe2.13303	0.427062
Fe3.5771	Fe3.9787	0.42703
Fe6.8710	Fe6.8993	0.426747
Fe2.1892	Fe4.11027	0.426387
Fe4.3845	Fe6.5140	0.426373
Fe2.8697	Fe7.12180	0.426189
Fe1.13866	Fe2.2713	0.426099
Fe2.5185	Fe7.7282	0.425961
Fe1.3016	Fe6.9201	0.425745

Fe1.9252	Fe6.5826	0.425665
Fe6.4078	Fe8.3746	0.42564
Fe3.9164	Fe8.1372	0.425402
Fe2.946	Fe7.11922	0.425305
Fe4.11755	Fe6.3460	0.425187
Fe4.6688	Fe5.11428	0.425107
Fe4.12345	Fe7.11503	0.425103
Fe2.4026	Fe4.3090	0.424941
Fe2.512	Fe3.2474	0.424893
Fe4.3619	Fe5.4170	0.424336
Fe1.11681	Fe6.6339	0.424264
Fe1.3031	Fe8.3548	0.424235
Fe3.4221	Fe4.2896	0.424131
Fe1.9214	Fe4.10859	0.423696
Fe2.587	Fe3.4592	0.42367
Fe2.2768	Fe5.2941	0.423547
Fe2.7834	Fe6.4337	0.423054
Fe1.11212	Fe6.9754	0.422895
Fe7.11738	Fe8.9714	0.422765
Fe5.9078	Fe7.9640	0.42254
Fe3.4208	Fe4.9398	0.422539
Fe6.7696	Fe8.294	0.422324
Fe3.9355	Fe5.3374	0.422216
Fe5.3283	Fe5.8872	0.422202
Fe3.3013	Fe6.1105	0.421947
Fe3.10434	Fe4.9579	0.421817
Fe6.9893	Fe6.12290	0.421634
Fe2.13000	Fe6.4337	0.421375
Fe6.3100	Fe8.7714	0.421322
Fe8.4602	Fe8.4913	0.42128
Fe6.3468	Fe6.12290	0.421176
Fe1.6807	Fe6.5368	0.420988
Fe5.11765	Fe6.8428	0.420494
Fe4.7901	Fe5.7545	0.420479
Fe5.7152	Fe5.7340	0.420109
Fe2.970	Fe7.11738	0.419992
Fe2.2928	Fe7.8437	0.419674
Fe3.4861	Fe7.7135	0.419513
Fe3.13835	Fe7.8285	0.419241
Fe4.6136	Fe8.3766	0.418771
Fe1.6996	Fe4.5775	0.418736
Fe2.4673	Fe4.4601	0.4187
Fe2.10587	Fe7.833	0.418613
Fe1.5981	Fe3.4601	0.418578
Fe4.9660	Fe7.5826	0.417912
Fe4.14382	Hic.scaffold.11.107	0.417766
Fe3.6199	Fe7.833	0.417664
Fe1.9164	Fe2.4042	0.417392
Fe3.6690	Fe5.11064	0.41739
Fe1.14043	Fe2.5091	0.417208
Fe2.659	Fe4.13131	0.416718
Fe5.11188	Fe6.3460	0.416682
Fe1.2375	Fe6.4603	0.416674
Fe2.11531	Fe5.12366	0.416429
Fe2.11952	Fe2.13825	0.415986

Fe2.9375	Fe7.12650	0.415962
Fe3.12068	Fe6.12154	0.415927
Fe1.10253	Fe3.12238	0.415909
Fe1.6237	Fe1.6996	0.415545
Fe6.8793	Fe6.9003	0.415444
Fe4.9602	Fe7.11231	0.415333
Fe1.9303	Fe6.10643	0.415174
Fe4.7780	Fe6.6841	0.414986
Fe4.8164	Fe5.5885	0.414616
Fe2.10935	Fe4.3760	0.414481
Fe5.5777	Fe7.11158	0.414409
Fe5.7886	Fe5.9970	0.414374
Fe1.14043	Fe3.11907	0.414226
Fe5.5885	Fe8.9575	0.414109
Fe2.10148	Fe3.7928	0.413834
Fe6.7575	Fe8.5131	0.413354
Fe2.10148	Fe2.12059	0.413322
Fe1.12063	Fe3.9713	0.413288
Fe3.187	Fe8.8538	0.413273
Fe3.13943	Fe7.4931	0.413238
Fe6.12290	Fe7.11034	0.413166
Fe6.7714	Fe8.10634	0.412814
Fe4.5545	Fe6.8997	0.412297
Fe3.8795	Fe3.9355	0.412254
Fe1.14043	Fe4.13650	0.41221
Fe3.6800	Fe7.9993	0.41221
Fe3.9283	Fe3.12055	0.411937
Fe1.3938	Fe7.11612	0.411738
Fe2.2389	Fe3.6037	0.411444
Fe6.5029	Fe8.9922	0.411368
Fe5.10115	Fe6.3460	0.410617
Fe3.13536	Fe6.3591	0.410616
Fe2.11698	Fe3.12458	0.410592
Fe3.12458	Fe5.13680	0.410592
Fe2.450	Fe6.5323	0.410002
Fe4.7773	Fe6.11840	0.409672
Fe1.6347	Fe6.9322	0.409337
Fe4.11755	Fe7.11738	0.409144
Fe2.3106	Fe4.5764	0.407869
Fe2.11948	Fe6.3552	0.407797
Fe3.9856	Fe8.2746	0.407233
Fe2.1347	Fe7.627	0.407045
Fe2.10957	Fe6.3265	0.406695
Fe2.4710	Fe6.100	0.406412
Fe1.3016	Fe8.664	0.406354
Fe1.8675	Fe4.4924	0.406101
Fe2.3554	Fe8.7415	0.405937
Fe3.13356	Fe4.2828	0.405826
Fe1.2449	Fe5.12340	0.405239
Fe1.14043	Fe8.3766	0.40507
Fe4.2782	Fe7.60	0.404927
Fe2.5037	Fe4.8609	0.404633
Fe2.11387	Fe4.3104	0.403998
Fe5.10850	Fe7.3724	0.403974
Fe3.12037	Fe6.1896	0.403767

Fe3.8743	Fe6.11750	0.403749
Fe5.2623	Fe6.8035	0.403639
Fe1.9444	Fe4.5602	0.403441
Fe1.3016	Fe8.4850	0.402487
Fe3.5771	Fe6.3468	0.402467
Fe1.2421	Fe3.4568	0.402406
Fe7.11738	Fe8.4850	0.402325
Fe4.742	Fe5.4064	0.402214
Fe5.3982	Fe8.9167	0.402042
Fe1.7748	Fe3.5097	0.402014
Fe3.8823	Fe4.3890	0.401929
Fe1.12032	Fe7.4972	0.401783
Fe6.3460	Fe8.9714	0.401707
Fe1.4816	Fe8.3501	0.401704
Fe6.10178	Fe7.9064	0.401687
Fe3.12037	Fe7.869	0.401078
Fe2.1660	Fe8.2553	0.400979
Fe2.8018	Hic.scaffold.9.590	0.400791
Fe3.10434	Fe6.2941	0.400631
Fe5.12008	Fe7.4153	0.400485
Fe6.3468	Fe7.11738	0.400011
Fe6.3565	Fe7.11738	0.399635
Fe4.7901	Fe5.3926	0.399505
Fe4.3249	Fe8.10474	0.399467
Fe6.3565	Fe6.12290	0.399257
Fe2.10157	Fe8.1859	0.399084
Fe5.13147	Fe6.2595	0.398912
Fe1.7569	Fe3.2574	0.398723
Fe2.9816	Fe4.5556	0.398117
Fe5.5294	Fe5.7886	0.398031
Fe3.4103	Fe5.13058	0.397541
Fe7.11231	Fe8.4593	0.397452
Fe2.5185	Fe3.8677	0.397412
Fe3.12055	Fe6.10748	0.397378
Fe4.8334	Fe6.5368	0.397047
Fe6.3103	Fe7.7282	0.397013
Fe2.11467	Fe7.13227	0.396986
Fe2.5037	Fe5.6472	0.396976
Fe1.3016	Fe3.12055	0.396855
Fe4.13819	Fe8.10908	0.396807
Fe3.10819	Fe6.9324	0.395856
Fe6.12061	Fe8.3309	0.39568
Fe4.13074	Fe6.3460	0.395645
Fe1.8907	Fe3.12353	0.395134
Fe3.12353	Fe6.9201	0.395134
Fe7.4918	Fe8.9130	0.394902
Fe2.10387	Hic.scaffold.10.155	0.394868
Fe1.2449	Fe6.4337	0.394665
Fe5.9454	Fe8.3507	0.39461
Fe6.5213	Fe8.1641	0.3946
Fe2.8309	Fe6.3047	0.394256
Fe3.8703	Fe4.5178	0.394101
Fe1.3094	Fe2.10587	0.393974
Fe4.6136	Fe5.1728	0.393955
Fe7.991	Fe7.3693	0.393762

Fe2.3615	Fe4.11777	0.393647
Fe4.2952	Fe6.5368	0.393377
Fe2.4451	Fe5.5375	0.393324
Fe1.5546	Fe3.5771	0.393315
Fe2.8546	Fe5.3988	0.393271
Fe4.11557	Fe5.6155	0.393248
Fe4.7901	Fe5.7738	0.393169
Fe3.2784	Fe5.13929	0.393131
Fe2.4947	Fe8.8078	0.39302
Fe4.9579	Fe8.3766	0.392948
Fe2.8822	Fe4.5602	0.392942
Fe7.3651	Fe8.11263	0.392891
Fe3.5642	Fe4.11443	0.392431
Fe5.4139	Fe8.8019	0.392185
Fe6.10049	Fe7.10938	0.392155
Fe1.4430	Fe6.10782	0.392057
Fe3.5533	Fe7.3516	0.391672
Fe1.1682	Fe3.12021	0.391513
Fe4.12367	Fe6.3028	0.39146
Fe7.11467	Fe7.12391	0.391442
Fe6.3358	Fe7.1548	0.391258
Fe6.5029	Fe8.7458	0.3912
Fe1.4496	Fe2.4274	0.391179
Fe3.12037	Fe4.5602	0.391089
Fe6.5029	Fe7.2566	0.390877
Fe3.10748	Fe4.2038	0.390841
Fe5.546	Fe8.7750	0.390797
Fe6.12025	Fe7.12932	0.390765
Fe1.4261	Fe8.3746	0.390605
Fe2.8697	Fe3.1700	0.390497
Fe3.12068	Fe6.5193	0.390452
Fe3.7763	Fe3.9283	0.390408
Fe1.8778	Fe8.8861	0.390147
Fe2.2722	Fe6.5048	0.390076
Fe1.10773	Fe3.3271	0.389751
Fe1.3697	Fe5.1875	0.389605
Fe1.10863	Fe7.11687	0.389304
Fe5.10636	Fe7.3651	0.389105
Fe4.10558	Fe8.4593	0.388958
Fe4.9264	Fe6.5915	0.388891
Fe4.10510	Fe5.9992	0.388868
Fe4.7901	Fe5.11188	0.388848
Fe1.6543	Fe1.11673	0.388765
Fe3.8644	Fe3.9297	0.388201
Fe2.11387	Fe3.12353	0.388165
Fe2.3745	Fe3.12353	0.388165
Fe3.12353	Fe4.1697	0.388165
Fe1.11460	Fe3.861	0.388128
Fe4.4607	Fe7.5898	0.388112
Fe2.8309	Fe7.2566	0.387842
Fe2.2840	Fe3.7889	0.387589
Fe4.8334	Fe8.864	0.387532
Fe1.10014	Fe8.6222	0.387519
Fe6.9369	Fe7.11738	0.387471
Fe1.5285	Fe3.5533	0.387431

Hic.scaffold.10.102	Hic.scaffold.9.754	0.38739
Fe2.7940	Hic.scaffold.9.625	0.387104
Fe1.3697	Fe6.5826	0.386832
Fe5.2943	Fe6.11418	0.386618
Fe2.4628	Fe4.9656	0.386424
Fe3.12316	Fe5.13744	0.386377
Fe4.3890	Fe4.5446	0.38632
Fe2.587	Fe6.12235	0.386076
Fe1.7433	Fe6.3460	0.386047
Fe4.2199	Fe4.3037	0.385988
Fe7.6018	Fe7.9955	0.385932
Fe1.4474	Fe5.4436	0.38573
Fe1.3848	Fe2.6575	0.385638
Fe4.8164	Fe8.660	0.385474
Fe1.6996	Fe4.8164	0.385169
Fe2.9475	Fe7.11738	0.384788
Fe4.9665	Fe6.6304	0.384616
Fe4.1714	Fe8.7471	0.384522
Fe1.3613	Fe2.5017	0.384392
Fe6.2447	Fe8.1714	0.384247
Fe5.11664	Fe6.11384	0.383896
Fe5.13744	Hic.scaffold.10.381	0.38388
Fe5.1824	Fe7.13227	0.383608
Fe1.7583	Fe4.6000	0.383442
Fe3.355	Fe7.3937	0.382933
Fe4.10097	Fe8.7714	0.382719
Fe2.2722	Fe5.3933	0.382448
Fe7.11078	Fe8.7981	0.382211
Fe1.10863	Fe3.13423	0.382154
Fe5.1103	Fe6.5029	0.381998
Fe3.9918	Fe7.11394	0.381915
Fe3.6025	Fe4.4871	0.381875
Fe2.11655	Fe7.11231	0.381837
Fe2.11795	Fe2.12734	0.381795
Fe4.3812	Fe4.5138	0.381713
Fe6.11179	Fe8.6848	0.381569
Fe7.6232	Fe7.8507	0.38156
Fe1.3094	Fe6.5572	0.381149
Fe1.3252	Fe6.6215	0.380728
Fe2.8137	Fe5.12751	0.380647
Fe3.4105	Fe4.9594	0.379831
Fe4.2097	Fe5.3172	0.379545
Fe1.2761	Fe1.3911	0.378997
Fe1.296	Fe2.12116	0.378942
Fe5.1718	Fe6.11588	0.37886
Fe2.5185	Fe7.11687	0.378845
Fe6.4337	Fe6.5826	0.378841
Fe3.13423	Fe7.11142	0.378693
Fe7.6030	Fe8.4602	0.378657
Fe8.3754	Fe8.10078	0.378613
Fe2.2928	Fe4.3760	0.378561
Fe5.12430	Fe6.5757	0.378319
Fe4.1069	Fe4.1084	0.378043
Fe2.13825	Fe3.13356	0.377911
Fe4.12530	Fe6.3361	0.377729

Fe1.9658	Fe8.5384	0.377722
Fe4.2467	Fe8.5371	0.377564
Fe6.5048	Fe8.3507	0.37741
Fe4.11628	Fe6.2941	0.377275
Fe3.6577	Fe8.6924	0.3772
Fe1.12690	Fe3.14180	0.377039
Fe3.9801	Fe5.10662	0.376935
Fe2.2811	Fe2.10054	0.376457
Fe4.12276	Fe5.10078	0.376423
Fe4.6136	Fe5.3045	0.376028
Fe4.11977	Fe7.12691	0.375954
Fe4.3890	Fe5.4826	0.375544
Fe3.7763	Fe7.13064	0.375202
Fe3.13544	Fe4.4041	0.375116
Fe5.4139	Fe6.5269	0.375094
Fe5.12340	Fe6.9618	0.375033
Fe1.2609	Fe1.3697	0.374626
Fe2.14130	Fe4.3368	0.374317
Fe3.12353	Fe4.4956	0.37353
Fe4.12276	Fe6.9405	0.373515
Fe7.7425	Fe7.12276	0.37351
Fe5.10902	Fe6.11415	0.373144
Fe1.13808	Fe2.3640	0.373143
Fe6.7651	Fe7.7022	0.373015
Fe7.158	Fe7.1087	0.373008
Fe4.10859	Fe7.8453	0.372622
Fe3.12000	Fe5.4171	0.372543
Fe3.187	Fe4.13569	0.372384
Fe7.2644	Fe7.3437	0.372168
Fe2.13334	Fe4.703	0.371931
Fe1.3013	Fe8.3507	0.3718
Fe6.5368	Fe7.11094	0.371708
Fe2.11919	Fe7.770	0.37161
Fe1.8898	Fe4.6042	0.371597
Fe4.9353	Fe4.11027	0.371452
Fe6.5336	Fe7.8863	0.370729
Fe6.3570	Fe7.11598	0.370549
Fe6.6304	Fe6.11633	0.370309
Fe2.10441	Fe4.2921	0.36984
Fe4.5346	Fe6.4337	0.369772
Fe5.2479	Fe6.2941	0.369744
Fe1.14413	Fe3.12055	0.369491
Fe6.3172	Fe6.3358	0.369393
Fe1.3094	Fe5.3172	0.369252
Fe6.3460	Fe7.13041	0.369218
Fe1.10261	Fe2.5038	0.369055
Fe4.14375	Fe5.88	0.368802
Fe7.1676	Fe7.3651	0.368642
Fe3.9962	Fe7.4725	0.368606
Fe2.11952	Fe7.1661	0.368371
Fe1.4599	Fe7.12180	0.368354
Fe6.10049	Fe7.11503	0.368269
Fe7.11828	Fe8.1555	0.368153
Fe1.11272	Fe5.777	0.368021
Fe6.8282	Fe7.416	0.367547

Fe2.8546	Fe3.5771	0.367531
Fe3.6346	Fe5.9970	0.367522
Fe4.11977	Fe6.5572	0.367416
Fe2.3351	Fe7.12180	0.367372
Fe2.2328	Fe7.11358	0.367195
Fe2.10387	Fe5.13407	0.366863
Fe5.3705	Fe6.5323	0.366861
Fe2.10223	Fe6.7547	0.366361
Fe2.2771	Fe5.13455	0.366203
Fe4.9579	Fe8.3970	0.366128
Fe1.1676	Fe8.10698	0.366011
Fe1.3031	Fe6.9306	0.365817
Fe3.355	Fe3.13598	0.365783
Fe1.3542	Fe7.11549	0.365344
Fe3.4479	Fe8.678	0.36523
Fe5.12340	Fe6.6304	0.365183
Fe1.3758	Fe5.2407	0.364734
Fe6.10049	Fe8.3914	0.364655
Fe8.744	Fe8.1401	0.364418
Fe3.12353	Hic.scaffold.13.175	0.364409
Fe4.7275	Fe6.11750	0.364349
Fe3.5749	Fe7.12391	0.364295
Fe3.10617	Fe6.9494	0.364255
Fe4.9068	Fe8.5544	0.363708
Fe2.11952	Fe4.613	0.363639
Fe6.7216	Fe6.11750	0.363405
Fe5.777	Fe8.1607	0.363201
Fe4.6000	Fe5.10636	0.363006
Fe2.3898	Fe5.3831	0.362557
Fe2.2270	Fe4.904	0.36248
Fe3.4221	Fe7.12234	0.3624
Fe3.5457	Fe5.5885	0.362372
Fe4.12088	Fe8.608	0.361987
Fe2.2771	Fe4.4841	0.361893
Fe2.7678	Fe5.9802	0.36155
Fe4.8463	Fe6.6317	0.361381
Fe5.11127	Fe6.2447	0.360895
Fe2.2771	Fe6.1955	0.360743
Fe1.4474	Fe2.4154	0.360729
Fe4.9602	Fe8.9698	0.360673
Fe3.934	Fe8.7171	0.360307
Fe7.1548	Fe7.3937	0.360108
Fe4.3970	Fe7.3937	0.359906
Fe4.5764	Fe6.6841	0.359882
Fe3.9102	Fe7.12644	0.359747
Fe1.13271	Fe6.10845	0.359318
Fe1.3542	Fe7.1201	0.358823
Fe1.3342	Fe3.8655	0.358633
Fe4.9132	Fe7.6653	0.358512
Fe4.7901	Fe5.6597	0.358352
Fe2.2835	Fe5.12640	0.35819
Fe3.12238	Fe6.2447	0.358019
Fe4.6688	Fe4.9594	0.357866
Fe1.3342	Fe3.12353	0.357088
Fe4.3104	Fe6.9324	0.357069

Fe3.12353	Fe8.9714	0.356986
Fe7.11617	Fe8.1049	0.356759
Fe4.5982	Fe6.4337	0.356528
Fe3.8655	Fe6.9324	0.356429
Fe3.13598	Fe7.1548	0.356426
Fe2.14275	Fe8.10889	0.356158
Fe2.3837	Fe6.2236	0.356079
Fe4.10058	Fe6.10603	0.355936
Fe1.4599	Fe3.8655	0.355672
Fe3.953	Fe6.2941	0.355604
Fe6.9324	Fe7.12885	0.355594
Fe3.5457	Fe3.13859	0.35545
Fe5.5294	Fe7.12460	0.355114
Fe2.2735	Fe6.10312	0.355105
Fe3.9164	Fe8.7636	0.354891
Fe1.9655	Fe5.13964	0.354106
Fe1.9655	Fe8.10636	0.354106
Fe2.10051	Fe7.11689	0.354045
Fe2.2583	Fe5.3736	0.353831
Fe6.8428	Fe7.11687	0.353755
Fe1.11053	Fe2.5037	0.353603
Fe1.9444	Fe7.627	0.353485
Fe1.10773	Fe3.9201	0.352902
Fe3.10710	Fe4.4706	0.352723
Fe2.4647	Fe7.3558	0.352665
Fe6.1844	Fe7.7425	0.352312
Fe3.4249	Fe7.3148	0.352235
Fe3.6031	Fe7.12569	0.352079
Fe3.6800	Fe4.3890	0.351896
Fe3.12316	Fe8.7636	0.351601
Fe5.13929	Fe5.14136	0.351463
Fe4.2018	Fe7.11595	0.351452
Fe3.4705	Fe6.9695	0.351328
Fe3.8655	Fe4.5893	0.351207
Fe3.3013	Fe7.2397	0.35094
Fe6.11179	Fe7.7425	0.350834
Fe6.3725	Fe7.3090	0.35066
Fe1.7433	Fe4.7901	0.350391
Fe4.5174	Fe4.12276	0.350391
Fe6.9795	Hic.scaffold.9.288	0.350246
Fe2.6518	Fe3.5203	0.350216
Fe4.13295	Fe5.8222	0.350154
Fe7.1668	Fe7.2653	0.350096
Fe4.4963	Fe7.2700	0.349847
Fe3.3081	Fe3.11918	0.349745
Fe1.13733	Fe2.172	0.349705
Fe2.11878	Fe6.11623	0.349373
Fe4.7780	Fe5.11307	0.348959
Fe2.3554	Fe3.13938	0.348412
Fe4.9448	Fe5.7886	0.348185
Fe3.8655	Fe4.3104	0.348132
Fe1.14110	Fe2.8529	0.348067
Fe7.3516	Fe8.7415	0.348049
Fe4.9594	Fe7.12718	0.347971
Fe1.7198	Fe8.2923	0.347919

Fe3.14589	Fe4.6000	0.347775
Fe4.8360	Fe5.10080	0.347478
Fe5.3933	Fe7.11687	0.347439
Fe1.3531	Fe4.3717	0.347319
Fe3.4401	Fe6.10560	0.347215
Fe6.9185	Fe7.11335	0.346441
Fe3.9962	Fe7.11343	0.346114
Fe1.2546	Fe3.4705	0.346033
Fe5.8845	Fe5.9970	0.345556
Fe3.3676	Fe3.5642	0.345416
Fe1.7669	Fe8.7419	0.345333
Fe5.3045	Fe6.5140	0.345299
Fe4.4146	Fe5.3172	0.345185
Fe2.10984	Fe3.56	0.344006
Fe1.12153	Fe4.7901	0.343447
Fe2.11387	Fe5.13332	0.343417
Fe2.13260	Fe5.3933	0.343251
Fe2.197	Fe2.6366	0.343235
Fe1.7155	Fe6.3570	0.34318
Fe2.9387	Fe7.2700	0.342974
Fe2.8446	Fe3.5610	0.342926
Fe2.11795	Fe6.4337	0.342621
Fe3.14023	Fe4.8339	0.342206
Fe3.13544	Fe6.11438	0.342084
Fe2.7768	Fe3.3164	0.342065
Fe4.12278	Fe5.10080	0.341988
Fe6.9494	Fe8.3507	0.34191
Fe4.3231	Fe5.11994	0.341752
Fe2.3990	Fe4.13543	0.341453
Fe2.8850	Fe5.10977	0.341435
Fe1.10322	Fe6.1970	0.341296
Fe7.3896	Fe7.11231	0.341148
Fe4.6136	Fe4.9665	0.341075
Fe1.10863	Fe3.13746	0.34101
Fe3.6026	Fe3.12036	0.340835
Fe1.3542	Fe5.3900	0.340534
Fe4.5764	Fe5.8621	0.340199
Fe5.9317	Fe6.5029	0.340187
Fe5.2479	Fe6.5826	0.340115
Fe3.8677	Fe3.13728	0.340048
Fe4.8749	Fe8.5741	0.339673
Fe3.1044	Fe4.13131	0.339534
Fe3.6346	Fe4.5764	0.33938
Fe6.7602	Fe7.11612	0.338941
Fe6.9342	Fe8.5461	0.33887
Fe1.7155	Fe3.12078	0.338726
Fe5.9887	Fe6.9977	0.338342
Fe3.14292	Fe3.14334	0.338054
Fe1.8571	Fe3.5563	0.337948
Fe6.5368	Fe6.12072	0.337804
Fe3.5642	Fe7.5768	0.337551
Fe5.10692	Fe7.11142	0.337495
Fe6.4337	Fe8.7636	0.337431
Fe6.7193	Fe8.10646	0.337403
Fe1.9444	Fe3.2961	0.337362

Fe5.11446	Fe6.11217	0.337262
Fe4.9264	Fe8.4201	0.336983
Fe5.12340	Fe8.3766	0.336901
Fe5.1718	Hic.scaffold.11.359	0.336884
Fe5.11064	Fe6.12290	0.336606
Fe3.6346	Fe4.9660	0.336515
Fe2.11795	Fe8.7744	0.336359
Fe3.12037	Fe4.4146	0.336154
Fe6.7806	Fe8.9825	0.336107
Fe4.11160	Fe5.11064	0.336052
Fe3.10264	Fe6.10229	0.335812
Fe2.2735	Fe5.10602	0.335615
Fe3.13366	Fe4.9602	0.335544
Fe1.9460	Fe5.10850	0.335512
Fe2.1492	Fe2.11285	0.33532
Fe3.8655	Fe4.11755	0.33497
Fe1.5285	Fe7.3516	0.334949
Fe4.10562	Fe8.456	0.33493
Fe5.10638	Fe8.602	0.334928
Fe5.3271	Fe8.9047	0.334847
Fe5.2946	Fe8.878	0.334714
Fe3.144	Fe3.13641	0.334287
Fe4.6000	Fe6.3485	0.333879
Fe2.12770	Fe6.10049	0.333826
Fe3.4105	Fe3.13544	0.333016
Fe1.12032	Fe3.10615	0.332418
Fe2.1423	Fe6.2029	0.332247
Fe4.12367	Fe7.4048	0.332196
Fe6.2769	Fe8.3746	0.33219
Fe6.11840	Fe7.8390	0.331666
Fe7.6377	Fe7.11828	0.331626
Fe6.7714	Fe8.5384	0.331331
Fe2.3702	Fe3.5533	0.331226
Fe7.1210	Fe8.5275	0.330847
Fe1.3758	Fe6.9433	0.330612
Fe2.8529	Fe8.5081	0.330581
Fe5.6597	Fe5.7454	0.330273
Fe1.1383	Hic.scaffold.9.744	0.329868
Fe7.8392	Fe8.5275	0.32927
Fe6.12295	Fe8.678	0.329152
Fe3.4331	Fe7.3246	0.329036
Fe4.3971	Fe5.2943	0.328802
Fe2.5185	Fe8.4593	0.328775
Fe3.10263	Fe6.5029	0.32849
Fe1.7165	Fe2.2583	0.328079
Fe2.11467	Fe7.11689	0.327877
Fe6.3533	Fe7.12642	0.327196
Fe3.12353	Fe8.8179	0.327024
Fe7.1614	Fe8.10764	0.326981
Fe2.12059	Fe3.12181	0.326894
Fe2.8096	Fe3.7988	0.326612
Fe4.4943	Fe6.3034	0.326587
Fe3.4931	Fe7.11687	0.326096
Fe5.8845	Fe6.6841	0.325579
Fe4.3860	Fe6.9324	0.324703

Fe6.5336	Fe8.4076	0.324426
Fe2.10660	Fe8.9101	0.324371
Fe4.11628	Fe5.5777	0.324353
Fe4.5174	Fe7.3246	0.324198
Fe2.4274	Fe7.5898	0.324183
Fe4.9602	Fe5.2360	0.324004
Fe1.6977	Fe4.6632	0.32359
Fe2.5038	Fe8.8156	0.323458
Fe2.8850	Fe4.11957	0.323317
Fe7.11922	Fe8.1607	0.32319
Fe6.3570	Fe6.12295	0.323022
Fe1.3697	Fe2.1149	0.322985
Fe6.9324	Fe8.5131	0.322972
Fe3.12068	Fe5.8230	0.322732
Fe2.11336	Fe3.4077	0.322535
Fe1.3031	Fe2.10846	0.322032
Fe7.11687	Fe7.12676	0.321943
Fe3.5763	Fe5.7819	0.320826
Fe2.8309	Fe8.581	0.320689
Fe3.8655	Fe8.8179	0.320681
Fe3.8655	Fe7.13067	0.320434
Fe3.11907	Fe5.13407	0.320363
Fe1.3697	Fe2.10387	0.32036
Fe3.12353	Fe6.3468	0.319811
Fe3.6800	Fe3.8823	0.319606
Fe7.11549	Fe8.10078	0.319575
Fe1.2761	Fe1.3031	0.319546
Fe7.13199	Fe8.1234	0.319439
Fe3.1124	Fe6.3103	0.319413
Fe6.8846	Fe6.9018	0.319379
Fe2.2735	Fe3.9201	0.319151
Fe5.12340	Fe7.9027	0.319096
Fe3.3515	Fe7.7422	0.318921
Fe1.2538	Fe1.3625	0.318275
Fe3.12078	Fe4.5556	0.318078
Fe1.3013	Fe8.4593	0.318061
Fe5.7250	Fe5.7317	0.317719
Fe6.5140	Fe8.9575	0.317601
Fe5.1388	Fe7.1554	0.317352
Fe4.9590	Fe6.9324	0.317273
Fe6.3761	Fe7.7425	0.317258
Fe5.3988	Fe5.7454	0.317182
Fe2.516	Fe8.9988	0.317073
Fe4.12776	Fe6.3570	0.317027
Fe2.8309	Fe6.10643	0.316811
Fe4.4607	Fe5.10114	0.316689
Fe4.11600	Fe7.3516	0.316131
Fe5.9652	Fe5.10602	0.31578
Fe6.7806	Fe7.3716	0.31569
Fe3.4105	Fe7.12718	0.315563
Fe2.6518	Fe2.11274	0.315367
Fe8.2999	Hic.scaffold.9.440	0.315241
Fe2.8511	Fe7.1676	0.314993
Fe4.3845	Fe8.1372	0.31492
Hic.scaffold.10.5	Hic.scaffold.9.474	0.314842

Fe2.564	Fe4.1967	0.314645
Fe6.3006	Fe7.7052	0.314578
Fe2.8930	Fe4.11774	0.314548
Fe6.3533	Hic.scaffold.10.295	0.314241
Fe2.2478	Fe8.7697	0.313869
Fe6.9324	Fe6.9893	0.313622
Fe4.5595	Fe6.11354	0.313587
Fe3.6435	Fe4.9590	0.313573
Fe5.5680	Fe7.4737	0.313481
Fe2.13538	Fe8.11175	0.31324
Fe1.14249	Fe2.1347	0.313049
Fe1.3697	Fe2.10846	0.312805
Fe3.6800	Fe8.678	0.31263
Fe2.11265	Hic.scaffold.10.458	0.312586
Fe8.5235	Fe8.9975	0.3122
Fe1.6219	Fe3.12353	0.312031
Fe3.8655	Hic.scaffold.9.185	0.311922
Fe6.9640	Fe6.12154	0.311911
Fe4.3760	Fe7.833	0.311819
Fe1.4946	Fe1.10575	0.311788
Fe1.5234	Fe4.2289	0.311664
Fe6.6317	Fe6.8264	0.311228
Fe4.6141	Fe6.9885	0.31122
Fe2.11749	Fe8.10764	0.311106
Fe6.2750	Fe6.7715	0.311105
Fe2.11952	Fe8.3656	0.311092
Fe7.4950	Fe7.6412	0.311019
Fe2.10262	Fe4.6136	0.310519
Fe3.5823	Fe5.10386	0.310484
Fe3.1844	Fe7.5430	0.310186
Fe3.5591	Fe3.9200	0.309751
Fe1.1767	Fe8.3485	0.309724
Fe6.5237	Fe8.9539	0.309688
Fe1.12153	Fe4.9009	0.309621
Fe1.4607	Fe4.11503	0.309337
Fe6.5826	Fe8.1372	0.30906
Fe3.12331	Fe8.9770	0.308926
Fe4.10774	Fe4.12696	0.308852
Fe4.6136	Fe7.12938	0.308716
Fe1.7155	Fe4.5556	0.308673
Fe2.359	Fe8.9687	0.308528
Fe5.3862	Fe5.11689	0.308464
Fe3.7931	Fe5.1979	0.308433
Fe1.3911	Fe3.7931	0.308269
Fe5.2834	Fe7.4441	0.308158
Fe1.3697	Hic.scaffold.10.155	0.308063
Fe3.8730	Fe3.12238	0.307513
Fe4.3845	Fe7.12938	0.307396
Fe2.5285	Fe4.6042	0.306995
Fe1.6851	Fe5.5617	0.306202
Fe5.13147	Fe7.1167	0.306114
Fe7.2653	Fe7.5231	0.305741
Fe4.5893	Fe6.9324	0.305727
Fe6.2645	Fe8.8617	0.305346
Fe2.2699	Fe2.7834	0.305184

Fe4.3970	Fe5.2941	0.305116
Hic.scaffold.11.213	Hic.scaffold.11.233	0.305053
Fe3.6435	Fe7.12180	0.305047
Fe5.7647	Fe6.3433	0.304982
Fe4.9590	Fe5.8510	0.304796
Fe3.11907	Fe3.13859	0.30469
Fe2.11795	Fe4.3348	0.304169
Fe2.2583	Fe7.8437	0.303933
Fe4.3739	Fe6.9977	0.303853
Fe5.1718	Fe6.3270	0.303737
Fe7.771	Hic.scaffold.10.245	0.303562
Fe2.11919	Fe3.12097	0.303474
Fe7.5682	Fe7.8191	0.303474
Fe2.1467	Fe4.6000	0.303425
Fe2.2418	Fe7.770	0.302781
Fe1.8907	Fe2.4042	0.302756
Fe1.5285	Fe2.3702	0.302505
Fe2.9759	Fe2.13215	0.30249
Fe1.10253	Fe6.5368	0.30162
Fe6.5707	Fe7.3730	0.301585
Fe3.2295	Fe7.3437	0.301195
Fe4.14402	Hic.scaffold.11.142	0.30119
Fe1.14043	Fe2.13753	0.301179
Fe4.14273	Fe6.3117	0.301179
Fe3.12200	Fe4.9656	0.301021
Fe2.12223	Fe6.2941	0.300965
Fe5.5885	Fe6.9618	0.300802
Fe6.7712	Fe8.5380	0.300693
Fe4.3422	Fe6.1876	0.300586
Fe7.2372	Fe7.11598	0.300363
Fe1.8907	Fe4.9590	0.300254
Fe3.11572	Fe5.1718	0.300069
Fe1.12690	Fe4.13608	0.300064
Fe4.3890	Fe6.3470	0.299979
Fe1.3314	Fe1.9978	0.299701
Fe7.2293	Fe7.11687	0.299698
Fe1.4985	Fe3.10406	0.299233
Fe1.3697	Fe4.6136	0.299065
Fe2.2699	Fe5.13407	0.298952
Fe4.6136	Fe8.8977	0.298904
Fe2.2583	Fe4.5602	0.298893
Fe4.1884	Fe4.3265	0.298748
Fe1.10253	Fe4.8334	0.298585
Fe5.3271	Fe6.5048	0.298528
Fe1.3911	Fe7.11617	0.298147
Hic.scaffold.14.190	Hic.scaffold.14.216	0.298144
Fe1.3072	Fe6.5447	0.298078
Fe4.5446	Fe6.3570	0.297991
Fe4.9579	Fe7.11158	0.297686
Fe4.5982	Fe4.9579	0.297652
Fe2.9235	Fe5.9332	0.297621
Fe7.10794	Fe7.11267	0.297536
Fe2.8422	Fe6.4935	0.297508
Fe6.2450	Fe6.9324	0.29689
Fe3.3622	Fe3.5610	0.296541

Fe3.12845	Fe3.12926	0.296435
Fe1.1453	Fe7.12718	0.296318
Fe3.4221	Fe4.4146	0.296109
Fe1.7669	Fe7.7223	0.295928
Fe3.9118	Fe4.4112	0.295732
Fe2.11795	Fe4.14273	0.295241
Fe3.3792	Fe4.3183	0.295088
Fe2.11946	Hic.scaffold.13.198	0.295086
Fe4.3845	Fe8.3548	0.294395
Fe4.3348	Fe4.9579	0.293029
Fe1.11124	Fe3.13999	0.292946
Fe2.11795	Fe7.1181	0.292236
Fe7.2586	Fe7.9780	0.292181
Fe1.10575	Fe8.3485	0.292102
Fe1.7329	Fe8.5110	0.291882
Fe4.3890	Fe6.3570	0.291462
Fe2.8018	Fe3.5610	0.291373
Fe4.13144	Fe6.7575	0.291368
Fe2.8529	Fe4.6000	0.291263
Fe1.5652	Fe4.9590	0.291189
Fe6.4920	Fe8.4724	0.291145
Fe4.6031	Fe4.13144	0.290776
Fe3.8655	Fe5.13332	0.290436
Fe3.2019	Fe7.6359	0.290404
Fe2.946	Fe6.2941	0.290221
Fe1.9252	Fe2.3837	0.290008
Fe3.12353	Fe5.10114	0.28999
Fe2.4531	Fe7.7244	0.289941
Fe3.10617	Fe7.11687	0.289786
Fe3.2444	Fe4.2921	0.28969
Fe6.3103	Fe7.12279	0.289679
Fe2.8516	Fe5.11689	0.289477
Fe5.8379	Fe7.7282	0.289377
Fe3.8823	Fe7.10646	0.289347
Fe3.5642	Fe3.7985	0.288569
Fe3.13154	Fe4.11027	0.288391
Fe6.7709	Fe7.11459	0.288038
Fe2.10973	Fe4.3776	0.287657
Fe1.1453	Fe3.13544	0.287545
Fe4.5775	Fe4.11628	0.287418
Fe1.14394	Fe2.11986	0.287335
Fe2.9303	Fe2.11986	0.287335
Fe6.3117	Hic.scaffold.10.212	0.287283
Fe5.2878	Fe8.10764	0.287153
Fe1.3072	Fe1.3501	0.28704
Hic.scaffold.11.206	Hic.scaffold.11.239	0.286541
Fe2.4813	Fe6.11117	0.286296
Fe2.7086	Fe6.5368	0.286137
Fe4.4041	Fe5.3220	0.285965
Fe5.3748	Fe6.5368	0.285573
Fe1.6520	Fe2.10253	0.285556
Fe3.6690	Fe4.7901	0.285501
Fe2.10425	Fe4.2921	0.285448
Fe5.10498	Fe6.10582	0.285008
Fe1.451	Fe2.8544	0.284817

Fe1.3031	Fe1.3697	0.284686
Fe2.2699	Fe6.5140	0.284388
Fe3.8655	Fe5.6175	0.284128
Fe4.9579	Fe6.9306	0.283976
Hic.scaffold.10.545	Hic.scaffold.12.239	0.283899
Fe1.3702	Fe2.3554	0.283833
Fe6.6006	Fe7.11455	0.283833
Fe3.6435	Fe3.8655	0.283583
Fe1.5234	Fe6.7806	0.283016
Fe2.10587	Fe5.3172	0.283
Fe4.8334	Fe7.11094	0.282881
Fe4.4871	Fe6.3360	0.282667
Fe6.10782	Fe7.1210	0.282601
Fe3.5457	Fe8.9151	0.282586
Fe7.11158	Fe7.11922	0.282401
Fe1.9303	Fe6.5029	0.282286
Fe2.9745	Fe3.5596	0.282255
Fe6.2639	Fe8.3180	0.282194
Fe5.10638	Fe6.12072	0.282191
Fe6.7856	Fe7.6629	0.28219
Fe1.9937	Fe2.9324	0.28217
Fe4.3845	Fe5.4909	0.281668
Fe2.2866	Fe8.7943	0.281596
Fe5.12112	Fe7.3896	0.281352
Fe6.5140	Fe6.9306	0.280901
Fe1.2375	Fe4.11554	0.280883
Fe3.9102	Fe5.3256	0.280875
Fe1.7669	Fe2.11586	0.28081
Fe3.4931	Fe8.3507	0.280761
Fe3.1915	Fe6.2645	0.280721
Fe6.5140	Fe8.2114	0.280591
Fe3.3295	Fe4.1221	0.280211
Fe1.13804	Fe3.1662	0.280205
Fe2.1347	Fe2.2928	0.279917
Fe3.12316	Fe5.4566	0.279911
Fe5.13332	Fe8.9045	0.279566
Fe6.9893	Fe7.12180	0.279508
Fe7.11158	Fe8.6673	0.279282
Fe3.5822	Fe3.7649	0.279119
Fe2.11986	Fe7.606	0.279048
Fe6.8264	Fe7.13172	0.278759
Fe5.3527	Fe7.3780	0.27817
Fe3.4105	Fe4.4041	0.277987
Fe4.9579	Fe8.1607	0.27789
Fe1.2940	Fe1.3272	0.277789
Fe1.3501	Fe1.6996	0.277647
Fe4.1697	Fe4.11160	0.277448
Fe3.8341	Fe6.11829	0.277362
Fe3.8730	Fe6.5368	0.277036
Fe3.2269	Fe7.994	0.276913
Fe4.7634	Fe4.11293	0.27691
Fe3.4105	Fe5.2941	0.276043
Fe7.11142	Fe8.8010	0.275663
Fe2.13825	Fe7.6108	0.275659
Fe8.1372	Fe8.3970	0.275637

Fe3.13098	Fe7.4977	0.274775
Fe5.2829	Hic.scaffold.10.155	0.274561
Fe3.6223	Fe8.1607	0.274506
Fe3.3164	Fe7.11163	0.274246
Fe4.6031	Fe7.5692	0.274183
Fe4.6852	Fe5.7454	0.274118
Fe3.7985	Fe5.4171	0.274095
Fe1.13271	Fe8.10698	0.27395
Fe7.11687	Fe8.4593	0.273733
Fe6.3570	Fe6.11117	0.273568
Fe1.13370	Fe4.2896	0.272928
Fe6.5048	Fe7.11687	0.272862
Fe2.2583	Fe7.11405	0.272663
Fe3.8016	Fe5.1718	0.272641
Fe6.6281	Fe8.6746	0.272576
Fe1.6851	Fe7.6981	0.272388
Fe2.1656	Fe8.2545	0.272328
Fe6.2941	Fe8.9467	0.272048
Fe1.1580	Fe3.12316	0.271905
Fe3.12008	Fe6.3533	0.271612
Fe2.7281	Fe8.2483	0.271607
Fe4.13694	Fe6.4111	0.271525
Fe2.8404	Fe3.13959	0.271494
Fe1.4197	Fe3.12000	0.271481
Fe5.4566	Fe6.5140	0.271446
Fe1.3697	Fe3.4601	0.271295
Fe4.11628	Fe5.2479	0.271133
Fe4.13599	Fe7.6653	0.27078
Fe3.6800	Fe6.3570	0.270705
Fe5.3705	Fe6.9393	0.270615
Fe8.3071	Fe8.7419	0.270576
Fe1.1580	Hic.scaffold.9.212	0.270442
Fe2.4647	Fe3.9856	0.270233
Fe2.5067	Fe5.3719	0.270143
Fe1.7273	Fe8.3071	0.269976
Fe3.13363	Fe7.1606	0.269866
Fe3.13959	Fe7.4918	0.26955
Fe3.6223	Fe4.5775	0.26939
Fe3.3822	Fe3.3835	0.269352
Fe4.6967	Fe5.8322	0.268902
Fe5.2055	Fe5.2123	0.268879
Fe7.10938	Fe8.3180	0.268782
Fe5.3994	Fe6.5140	0.267933
Fe3.9904	Fe4.3420	0.267761
Fe7.13305	Fe8.3071	0.267736
Fe2.9533	Fe6.784	0.267673
Fe1.11179	Fe3.9520	0.267588
Fe1.7583	Fe2.11533	0.267442
Fe5.3988	Fe6.10178	0.267274
Fe1.14413	Fe5.13332	0.267254
Fe4.13621	Fe4.13784	0.267206
Fe1.13271	Fe7.4048	0.266891
Fe6.10845	Fe7.2566	0.266765
Fe1.13271	Fe2.11091	0.266616
Fe5.3271	Fe8.8867	0.266409

Fe1.3911	Fe8.9467	0.266262
Fe6.3117	Fe8.9575	0.265938
Fe4.8609	Fe5.5375	0.265869
Fe5.1636	Fe5.1639	0.265781
Fe3.4025	Fe4.3845	0.265753
Fe1.6520	Fe8.878	0.265716
Fe2.970	Fe8.8179	0.265528
Fe4.11027	Fe6.9640	0.265486
Fe6.10301	Hic.scaffold.10.108	0.265181
Fe1.6996	Fe6.5826	0.265104
Fe3.10482	Fe7.9326	0.264956
Fe2.5185	Fe5.8379	0.264677
Fe3.10664	Fe6.2941	0.264597
Fe3.8823	Fe7.4297	0.26423
Fe2.11081	Fe8.9539	0.26387
Fe3.13859	Fe8.3970	0.26366
Fe6.10178	Fe7.12885	0.263579
Fe5.3271	Fe7.7282	0.263203
Fe3.12097	Fe4.3515	0.263087
Fe5.4307	Fe6.1555	0.263077
Fe3.5312	Fe6.2941	0.263025
Fe3.10664	Fe7.11922	0.26283
Fe4.5920	Fe8.10615	0.262782
Fe2.587	Fe2.8018	0.262335
Fe4.6136	Fe8.660	0.262183
Fe4.5138	Fe6.6286	0.262061
Fe2.7768	Fe7.6069	0.261862
Fe1.14043	Fe3.4025	0.261833
Fe3.11204	Fe5.4566	0.2616
Fe3.1710	Fe6.9461	0.261573
Fe4.13608	Fe6.10233	0.261425
Fe4.10540	Fe4.12494	0.261389
Fe8.3180	Fe8.7458	0.261224
Fe5.10638	Fe7.11094	0.260828
Fe4.2972	Fe5.11241	0.260595
Fe3.12316	Fe3.13859	0.260201
Fe3.2213	Fe4.3852	0.259914
Fe5.4566	Fe6.9618	0.259711
Fe3.2175	Fe5.4136	0.259628
Fe3.6223	Fe6.6304	0.259592
Fe2.7768	Fe5.4462	0.259453
Fe3.13974	Fe6.7777	0.259291
Fe5.12066	Fe7.3246	0.259123
Fe4.14382	Hic.scaffold.11.235	0.259119
Fe4.5764	Fe4.9660	0.25905
Fe1.3697	Fe2.10262	0.258811
Fe1.10261	Fe4.7988	0.258369
Fe2.2699	Fe4.11628	0.258151
Fe3.5958	Fe7.8104	0.258033
Fe7.3645	Fe8.678	0.257687
Fe1.6475	Fe7.6387	0.257552
Fe6.3326	Fe6.11316	0.257502
Fe7.6936	Fe8.2555	0.257406
Fe3.13859	Fe5.3994	0.25733
Fe2.5204	Fe5.1718	0.257312

Fe1.3771	Fe8.6372	0.257214
Fe2.975	Fe8.5275	0.257204
Fe5.12340	Fe7.1181	0.256967
Fe2.9899	Fe7.1208	0.256953
Fe2.11533	Fe5.2878	0.256833
Fe5.6912	Fe8.7259	0.256801
Fe3.3271	Fe6.10312	0.25639
Fe7.3437	Fe8.4877	0.256322
Fe1.9655	Fe8.5380	0.256116
Fe2.5204	Fe8.2819	0.25609
Fe3.4249	Fe4.2828	0.255961
Fe4.3471	Fe6.6275	0.255892
Fe6.3172	Fe7.8077	0.255824
Fe2.9302	Fe5.1249	0.255519
Fe1.7669	Fe1.9303	0.255401
Fe3.13154	Fe5.8230	0.254751
Fe5.1875	Fe7.1181	0.254589
Fe5.12804	Hic.scaffold.11.338	0.254393
Fe2.3554	Fe4.11720	0.254332
Fe1.8889	Fe3.9597	0.25416
Fe1.3697	Fe5.2829	0.254101
Fe3.2027	Fe7.12938	0.254018
Fe1.2449	Fe6.5140	0.253714
Fe1.6586	Fe6.10049	0.253579
Fe1.7329	Fe3.4856	0.253153
Fe3.1301	Hic.scaffold.9.521	0.253008
Fe5.8045	Fe6.3172	0.252995
Fe1.3697	Fe6.5447	0.252598
Fe5.1718	Fe5.3527	0.252458
Fe3.12316	Fe7.1181	0.252368
Fe4.11408	Fe6.6841	0.252223
Fe2.8446	Fe3.4592	0.252087
Fe5.8827	Fe6.5048	0.252031
Fe7.10757	Fe7.11158	0.251962
Fe5.8827	Fe7.9776	0.251929
Fe5.3271	Fe6.1843	0.251795
Fe1.9303	Fe8.5255	0.251475
Fe4.4285	Fe5.4332	0.251398
Fe3.5958	Fe3.12097	0.251242
Fe2.8018	Fe3.3295	0.251179
Fe4.6136	Fe6.5447	0.251132
Fe1.13001	Fe7.1208	0.251124
Fe4.703	Fe4.12673	0.251059
Fe3.4931	Fe3.13728	0.251015
Fe4.853	Fe4.11422	0.250789
Fe1.6807	Fe5.10638	0.250667
Fe4.9493	Fe7.1676	0.250488
Fe3.7985	Fe6.9342	0.250368
Fe4.3845	Hic.scaffold.14.90	0.250004
Fe1.10468	Fe8.9539	0.249537
Fe1.7669	Fe8.3914	0.249516
Fe5.11914	Fe6.9695	0.248808
Fe4.11182	Fe6.2750	0.248478
Fe5.6378	Fe6.5352	0.248152
Fe5.2373	Fe6.10404	0.247965

Fe2.8529	Fe4.11443	0.247721
Fe6.11117	Fe7.4297	0.247694
Fe3.12037	Fe4.11697	0.247662
Fe3.4601	Fe3.13859	0.247216
Fe2.11533	Fe5.2969	0.247209
Fe3.6223	Fe5.1875	0.247076
Fe1.400	Fe4.13649	0.246952
Fe1.9164	Fe3.9787	0.246437
Fe2.12734	Fe3.9164	0.245853
Fe5.1194	Fe7.11158	0.245846
Fe6.9772	Fe8.2309	0.245838
Fe5.10078	Fe7.1133	0.245761
Fe3.11907	Fe4.6136	0.245721
Fe3.8655	Fe4.9590	0.245419
Fe1.3016	Fe6.9324	0.245368
Fe3.9564	Fe5.4826	0.245169
Fe2.122	Fe8.1714	0.244802
Fe2.2670	Fe7.11091	0.244678
Fe1.11926	Fe6.8220	0.244512
Fe4.9187	Fe8.4877	0.244375
Fe1.5751	Fe6.6841	0.244328
Fe3.5084	Fe7.4927	0.244281
Fe3.7835	Fe4.11774	0.243951
Fe6.5140	Fe7.8092	0.243841
Fe5.5885	Fe6.3455	0.243355
Fe6.3117	Fe8.7744	0.243325
Fe3.6223	Fe6.3117	0.243151
Fe3.5642	Fe6.5458	0.242894
Fe5.7454	Fe6.9893	0.242831
Fe7.2566	Fe7.7223	0.242785
Fe3.8186	Fe7.3516	0.242783
Fe3.946	Fe6.7712	0.242482
Fe3.12316	Fe5.13997	0.24248
Fe4.3845	Fe8.660	0.242459
Fe3.8730	Fe5.10638	0.242414
Fe3.3295	Fe8.7059	0.242128
Fe1.6154	Fe3.8541	0.242
Fe6.3047	Fe7.7223	0.241885
Fe3.5563	Fe8.5307	0.24182
Fe4.6136	Fe4.11941	0.241541
Fe2.4042	Fe7.11738	0.241263
Fe1.3697	Fe7.11617	0.241037
Fe2.11533	Fe3.7985	0.240678
Fe2.4342	Fe4.9590	0.24055
Fe6.11117	Fe7.11857	0.240429
Fe1.1426	Fe1.1432	0.240023
Fe6.3533	Fe6.8997	0.239739
Fe4.9660	Fe5.9409	0.239662
Fe5.1967	Fe7.12938	0.23924
Fe3.11907	Fe6.6304	0.239205
Fe3.6800	Fe4.9099	0.239114
Fe1.9942	Fe5.5515	0.238971
Fe3.13745	Fe5.9652	0.238968
Fe2.8096	Fe6.9330	0.238814
Fe3.12538	Fe7.12938	0.238774

Fe1.6842	Fe8.5691	0.238612
Fe1.3543	Fe6.7372	0.238532
Fe2.4466	Fe4.10256	0.238447
Fe5.11064	Fe6.10748	0.238325
Fe4.7989	Fe8.4160	0.238163
Fe7.11549	Fe8.8774	0.237973
Fe3.4422	Fe4.9264	0.237941
Fe3.7844	Fe8.2930	0.23787
Fe4.7514	Fe7.11163	0.237565
Fe1.3907	Fe5.8045	0.237484
Fe3.9297	Fe4.10774	0.237305
Fe2.2722	Fe7.11687	0.23712
Fe2.7678	Fe4.8568	0.236877
Fe6.9324	Hic.scaffold.9.185	0.236873
Fe4.3845	Fe4.11628	0.236605
Fe1.1676	Hic.scaffold.9.276	0.236587
Fe4.546	Fe8.1372	0.236564
Fe4.13650	Fe8.6673	0.236545
Fe3.9683	Fe5.4902	0.236376
Fe4.11941	Fe6.3117	0.236305
Fe2.1149	Fe5.1967	0.236102
Fe3.4601	Fe8.3889	0.235719
Fe5.6175	Fe5.11064	0.235526
Fe6.3350	Fe7.3878	0.2355
Fe2.2722	Fe7.3382	0.235421
Fe3.12316	Fe8.660	0.235184
Fe2.12045	Fe8.10222	0.234865
Fe4.3707	Fe6.6080	0.23482
Fe4.3104	Fe6.7575	0.234786
Fe6.2941	Fe6.9306	0.234551
Fe5.8827	Fe7.7282	0.234301
Fe3.6223	Fe4.9665	0.234233
Fe1.14260	Fe5.3731	0.234188
Fe1.6219	Fe4.9590	0.233964
Fe5.1671	Fe6.2074	0.233944
Fe6.9798	Fe8.4877	0.233912
Fe1.3031	Fe8.660	0.233808
Fe4.12367	Fe6.3047	0.233665
Fe1.1580	Fe2.9558	0.233395
Fe1.5751	Fe5.9409	0.233349
Fe3.6690	Fe4.3245	0.2332
Fe4.4041	Fe7.8077	0.233174
Fe4.7275	Fe5.7337	0.233107
Fe3.8730	Fe4.8334	0.233034
Fe4.14359	Hic.scaffold.11.278	0.232923
Fe2.423	Fe6.10301	0.232855
Fe1.6237	Fe3.6223	0.232731
Fe2.9885	Fe6.9798	0.232645
Fe2.11486	Fe7.1181	0.232393
Fe1.13271	Fe2.9036	0.232076
Fe3.13366	Fe6.11351	0.232035
Fe2.2699	Fe7.12938	0.231972
Fe6.2941	Hic.scaffold.10.381	0.231761
Fe6.5872	Fe7.12691	0.231538
Fe5.3994	Fe8.9575	0.231451

Fe2.13226	Fe4.12367	0.231279
Fe4.8164	Fe7.11158	0.230965
Fe1.7583	Fe2.8529	0.230687
Fe2.8516	Fe7.8456	0.230635
Fe1.7669	Fe3.11990	0.230426
Fe1.533	Hic.scaffold.10.5	0.230011
Fe2.2722	Fe2.5185	0.229653
Fe1.3697	Fe2.2699	0.229578
Fe4.2289	Fe7.3780	0.229366
Fe1.2801	Fe1.3907	0.229285
Fe3.8823	Fe5.4826	0.229135
Fe5.3994	Fe6.2941	0.228618
Fe3.2264	Hic.scaffold.9.102	0.228338
Fe3.5312	Fe4.11628	0.228205
Fe3.12675	Fe5.1824	0.228003
Fe1.14293	Fe2.1384	0.227857
Fe3.12316	Fe5.13407	0.227856
Fe4.11085	Fe6.4340	0.227653
Fe2.970	Fe3.6435	0.227501
Fe4.3924	Fe6.3485	0.227457
Fe4.14106	Hic.scaffold.11.307	0.227338
Fe2.10555	Fe4.4895	0.227147
Fe2.10441	Hic.scaffold.10.167	0.227084
Fe1.5285	Fe3.9013	0.226781
Fe1.1580	Fe8.7744	0.22669
Fe2.5204	Fe3.8016	0.226639
Fe4.6828	Fe7.5826	0.22635
Fe6.3470	Fe6.11117	0.225997
Fe1.10261	Fe2.3539	0.22557
Fe5.3271	Fe5.8827	0.225568
Fe7.568	Fe8.7261	0.225277
Fe2.946	Fe3.13859	0.224935
Fe4.5982	Fe6.5140	0.224924
Fe3.6690	Fe6.9201	0.224777
Fe6.9306	Fe7.11158	0.224726
Fe3.12565	Fe8.9575	0.224644
Fe6.2645	Fe6.10824	0.224554
Fe2.529	Fe2.13623	0.224553
Fe4.9579	Fe6.3117	0.224509
Fe1.7606	Fe4.8207	0.224344
Fe4.4041	Fe4.14531	0.224266
Fe7.8104	Fe8.6222	0.224255
Fe4.13341	Fe7.7149	0.224153
Hic.scaffold.10.98	Hic.scaffold.9.760	0.224119
Fe6.2319	Fe7.3010	0.22399
Fe2.9729	Fe3.8016	0.223981
Fe2.3106	Fe4.11408	0.223952
Fe1.13271	Fe5.12460	0.223834
Fe1.5121	Fe5.8844	0.223305
Fe3.11999	Fe5.6912	0.223274
Fe2.8476	Fe3.1717	0.223197
Fe4.9665	Fe8.3548	0.223015
Fe1.11191	Fe7.10845	0.222983
Fe1.10894	Hic.scaffold.9.229	0.222865
Fe2.11952	Fe4.831	0.222705

Fe3.4705	Fe7.12965	0.222363
Fe3.1020	Fe6.10561	0.221929
Fe2.12378	Fe3.6030	0.221909
Fe4.2289	Fe5.3527	0.221612
Fe5.10735	Fe6.10845	0.221142
Fe4.14397	Hic.scaffold.11.113	0.221081
Fe2.1149	Fe3.11907	0.220895
Fe2.8529	Fe2.11533	0.22074
Fe4.3890	Fe7.11598	0.220737
Fe2.3351	Fe4.3104	0.220577
Fe3.2756	Fe4.722	0.220464
Fe3.4422	Fe4.10320	0.2203
Fe3.3292	Fe3.5756	0.220132
Fe5.4834	Fe5.9409	0.220127
Fe4.13440	Fe7.3889	0.219823
Fe1.13271	Fe7.11503	0.218862
Fe1.6219	Fe3.8655	0.21874
Fe4.11554	Fe6.3708	0.218688
Fe2.2928	Fe4.1307	0.218649
Fe3.11907	Fe6.3455	0.218469
Fe2.9475	Fe5.3988	0.218065
Fe4.3104	Fe5.3988	0.217718
Fe4.11628	Fe6.3117	0.217712
Fe5.4136	Fe6.7840	0.217595
Fe4.4621	Fe7.6227	0.217592
Fe5.3994	Fe8.2114	0.217589
Fe5.1967	Fe5.12976	0.217566
Fe7.1453	Fe7.11687	0.217456
Fe3.4025	Fe7.1181	0.217298
Fe6.4659	Fe8.7560	0.217193
Fe3.1662	Fe6.9618	0.217005
Fe5.1967	Fe8.660	0.216792
Fe2.5551	Fe4.10320	0.216721
Fe4.14382	Hic.scaffold.11.160	0.2166
Fe1.3072	Fe6.3117	0.216551
Fe2.3763	Fe6.2573	0.216381
Fe1.7569	Fe7.5943	0.21629
Fe4.10255	Fe7.10757	0.21621
Fe3.3960	Fe7.13018	0.216143
Fe1.14536	Fe6.1831	0.216041
Fe2.9740	Fe6.11351	0.215867
Fe3.6346	Fe5.4834	0.215827
Fe2.12734	Fe8.9467	0.215503
Fe3.2295	Fe7.11503	0.215217
Fe3.1662	Fe3.4025	0.215096
Fe3.10264	Fe4.12673	0.215025
Fe8.1372	Hic.scaffold.9.886	0.214924
Fe1.1906	Fe3.8720	0.214904
Fe3.5642	Fe4.3924	0.214887
Fe2.7086	Fe4.8334	0.214787
Fe1.13271	Fe2.11274	0.214581
Fe1.11983	Fe5.8121	0.214432
Fe1.5389	Fe3.9125	0.214083
Fe4.4916	Fe5.12548	0.214024
Fe3.6223	Fe3.9164	0.213993

Fe3.13542	Fe4.3971	0.213729
Fe6.3485	Fe7.3708	0.213728
Fe6.5826	Fe7.11617	0.213298
Fe6.10291	Fe8.3754	0.213244
Fe2.13303	Fe7.7223	0.213217
Fe7.4972	Fe7.11687	0.213048
Fe2.10262	Fe4.9579	0.213003
Fe1.4474	Fe7.7153	0.21282
Fe1.10261	Fe3.4422	0.212759
Fe2.5185	Fe6.5048	0.21252
Fe2.12734	Fe6.9754	0.212478
Fe3.11579	Fe6.11738	0.212427
Fe2.12223	Fe5.13997	0.212307
Fe1.9303	Fe6.10049	0.212273
Fe3.9242	Fe7.7653	0.212055
Fe3.2295	Fe8.9922	0.211865
Fe3.4931	Fe8.4593	0.211763
Fe6.1843	Fe7.11142	0.211703
Fe2.11566	Fe8.10298	0.211565
Fe3.2175	Fe6.7840	0.211442
Fe1.13804	Fe3.12316	0.210926
Fe6.3470	Fe7.11857	0.21084
Fe6.5458	Fe7.3708	0.210814
Fe3.3271	Fe6.5177	0.210754
Fe3.13959	Fe5.1718	0.210549
Fe6.4883	Fe7.9027	0.210242
Fe6.2758	Fe8.10636	0.209854
Fe3.8601	Fe6.9322	0.209679
Fe1.6322	Fe3.8541	0.209529
Fe1.10158	Fe7.386	0.209481
Fe1.2609	Fe7.11158	0.209468
Fe1.7669	Fe7.2644	0.209452
Fe4.11755	Fe5.13332	0.209416
Fe1.5981	Fe8.3766	0.209211
Fe3.883	Fe3.898	0.208957
Fe1.10936	Fe2.5067	0.208942
Fe1.3702	Fe3.9013	0.208938
Fe1.4840	Fe2.8528	0.208532
Fe1.3038	Fe4.5890	0.208372
Fe1.9875	Fe6.6841	0.208267
Fe2.2740	Fe4.11253	0.208244
Fe2.7834	Fe6.5826	0.207912
Fe6.2941	Fe7.11158	0.20781
Fe1.4430	Fe2.8476	0.207802
Fe5.9792	Fe8.2819	0.207776
Fe4.1862	Fe4.11408	0.207559
Fe2.9475	Fe5.13332	0.207342
Fe2.1610	Fe8.11001	0.207279
Fe5.13230	Fe6.10845	0.206822
Fe3.3271	Fe8.6984	0.206791
Fe6.8281	Fe7.417	0.206207
Fe4.11408	Fe5.9409	0.206138
Fe1.5766	Fe4.5267	0.205866
Fe1.1580	Fe2.11795	0.205843
Fe2.1681	Fe8.2560	0.205782

Fe1.4755	Fe4.11554	0.205668
Fe2.9533	Fe4.4146	0.205455
Fe3.13423	Fe7.7282	0.20542
Fe3.6800	Fe5.8912	0.205388
Fe4.5982	Fe8.660	0.205329
Fe5.4018	Fe8.6746	0.205317
Fe6.7575	Fe6.9893	0.205286
Fe2.8309	Fe6.2489	0.205027
Fe1.4755	Fe1.12032	0.204942
Fe3.3518	Fe3.12083	0.204778
Fe2.5091	Fe8.8170	0.204338
Fe4.3245	Fe4.11755	0.204297
Fe3.8677	Fe7.7282	0.204092
Fe1.1224	Fe8.12061	0.20398
Fe1.1453	Fe7.3937	0.203925
Fe2.3837	Fe2.11795	0.203677
Fe5.4136	Fe8.896	0.203348
Fe1.13271	Hic.scaffold.9.276	0.203195
Fe6.6275	Fe7.5672	0.203063
Fe3.6690	Fe4.3860	0.202892
Fe3.13746	Fe5.3271	0.20285
Fe2.230	Fe8.9539	0.202793
Fe3.13832	Fe7.11467	0.202766
Fe1.6219	Fe4.3245	0.202762
Fe1.6586	Fe2.4891	0.202696
Fe4.1091	Fe7.12938	0.202652
Fe4.12616	Fe8.1372	0.202523
Fe4.13404	Fe7.4478	0.202321
Fe1.7273	Fe5.10735	0.202095
Fe4.2952	Fe5.10638	0.202094
Fe8.3766	Fe8.7744	0.201783
Fe1.10153	Fe8.2555	0.201611
Fe6.5140	Fe6.9618	0.200657
Fe1.6807	Fe6.4103	0.200484
Fe2.13000	Fe8.8170	0.20041
Fe2.4124	Fe4.8228	0.200351
Fe3.5457	Fe7.11158	0.19985
Fe5.1416	Fe6.1655	0.199779
Fe6.1947	Fe6.9853	0.199757
Fe6.5177	Fe7.10845	0.199613
Fe4.3061	Fe7.6390	0.199579
Fe3.4104	Fe3.13542	0.199465
Fe4.3804	Fe5.10404	0.199385
Fe4.3845	Fe5.4566	0.199376
Fe5.10636	Fe6.5458	0.199338
Fe3.7618	Fe8.2721	0.199151
Fe7.8092	Fe7.11158	0.199108
Fe3.1344	Fe8.9922	0.198864
Fe2.9533	Fe3.4221	0.198522
Fe2.11986	Fe7.1783	0.198483
Fe5.10736	Fe6.2548	0.198402
Fe1.14083	Fe6.3830	0.198246
Fe6.3455	Fe6.5140	0.19795
Fe2.8362	Fe6.9071	0.197927
Fe3.9294	Fe8.1361	0.197856

Fe4.9579	Fe4.10255	0.197651
Fe3.5312	Fe7.11158	0.197531
Fe6.6123	Fe6.6916	0.197407
Fe3.13423	Fe5.8827	0.196927
Fe5.12788	Fe7.7422	0.1969
Fe7.812	Fe7.9687	0.196864
Fe6.5140	Fe8.1607	0.196822
Fe2.13475	Fe2.13485	0.196648
Fe4.3924	Fe7.3708	0.196478
Fe6.3172	Fe6.11438	0.196411
Fe6.5336	Fe8.5110	0.196391
Fe3.8677	Fe7.6653	0.196311
Fe5.3994	Fe7.8092	0.195966
Fe4.9187	Fe8.3180	0.195732
Fe4.3845	Fe8.3766	0.195302
Fe3.8186	Fe7.3467	0.195291
Fe1.3771	Fe2.3106	0.194967
Fe4.11628	Fe7.11617	0.194799
Fe1.2375	Fe2.5185	0.194519
Fe2.946	Fe3.4601	0.194137
Fe2.8529	Fe7.3708	0.194103
Fe1.1968	Fe7.3604	0.194079
Fe7.10646	Fe7.11857	0.194069
Fe5.4909	Fe6.5826	0.193843
Fe1.3033	Fe4.5787	0.193781
Fe5.1967	Fe5.12291	0.193629
Fe5.3933	Fe7.3382	0.193248
Fe4.6000	Fe7.3708	0.193164
Fe4.5174	Fe6.9405	0.193001
Fe1.14047	Fe2.11311	0.192891
Fe5.6175	Fe5.7454	0.192364
Fe6.5140	Fe8.7636	0.19226
Fe7.2997	Fe8.2110	0.192132
Fe3.5326	Fe7.11066	0.191908
Fe2.122	Fe3.1526	0.191755
Fe2.5507	Fe8.15	0.191509
Fe2.162	Fe8.9539	0.191302
Fe3.10434	Fe8.9575	0.191253
Fe3.2729	Fe7.12676	0.190762
Fe5.3933	Fe5.11765	0.190742
Fe4.4895	Fe7.2644	0.190578
Fe6.5447	Fe7.11158	0.190258
Fe3.1245	Hic.scaffold.15.123	0.189944
Fe2.10606	Fe7.1201	0.189884
Fe4.3924	Fe5.2878	0.189739
Fe4.9099	Fe6.12295	0.189705
Fe3.11829	Fe4.3845	0.189382
Fe4.1702	Fe7.12662	0.189349
Fe4.3845	Fe5.3994	0.18902
Fe5.9170	Fe7.6485	0.189003
Fe3.12238	Fe5.10638	0.188888
Fe3.13113	Fe6.5987	0.188672
Fe7.11142	Fe8.3507	0.188639
Fe3.6223	Fe7.11158	0.188441
Fe6.3468	Fe6.7575	0.188408

Fe3.4679	Fe7.770	0.188192
Fe7.2644	Fe8.581	0.187511
Fe1.1580	Fe3.4601	0.187287
Fe1.9310	Hic.scaffold.12.124	0.187241
Fe3.13899	Fe7.4478	0.187078
Fe2.4891	Fe5.7786	0.187071
Fe2.11928	Fe8.10695	0.187004
Fe1.10468	Fe2.9414	0.186919
Fe1.6807	Fe8.1714	0.186829
Fe2.13303	Fe6.10845	0.186769
Fe1.7583	Fe6.9342	0.186737
Fe4.9660	Fe5.8621	0.186628
Fe4.8568	Fe7.6936	0.186419
Fe6.5826	Fe7.11158	0.186344
Fe2.11655	Fe7.3382	0.186244
Fe4.5174	Fe8.3485	0.186157
Fe7.11158	Fe8.8615	0.186055
Fe4.4153	Fe5.9118	0.186005
Fe7.3516	Fe8.9860	0.185563
Fe1.11272	Fe4.13103	0.185507
Fe3.5958	Fe4.9804	0.185465
Fe1.1580	Fe6.3455	0.185393
Fe2.9558	Fe5.13407	0.185306
Fe3.5457	Fe5.2236	0.185145
Fe4.3515	Fe4.9804	0.18487
Fe4.11253	Fe6.2633	0.184825
Fe2.11749	Fe4.9493	0.184814
Fe2.9558	Fe7.11922	0.184789
Fe1.12870	Fe4.11487	0.184671
Fe4.3104	Fe6.3830	0.183603
Fe6.3117	Fe6.3455	0.183526
Fe2.414	Hic.scaffold.9.809	0.183516
Fe3.9164	Fe8.3970	0.1832
Fe3.6435	Fe5.11064	0.183099
Fe4.11253	Fe4.12052	0.182804
Fe3.8677	Fe7.3382	0.182727
Fe2.3106	Fe7.12460	0.182722
Fe1.2162	Fe1.4237	0.182556
Fe2.12095	Fe3.8016	0.182304
Fe3.11261	Fe6.11638	0.182221
Fe7.7653	Fe7.11066	0.182209
Fe3.6223	Fe4.220	0.182203
Fe1.9937	Fe1.10943	0.182126
Fe2.13226	Hic.scaffold.9.276	0.182106
Fe3.6690	Fe6.9369	0.182085
Fe2.3837	Fe3.6223	0.182077
Fe5.3271	Fe8.10138	0.181963
Fe5.12809	Fe8.3914	0.181878
Fe4.11408	Fe8.2330	0.181811
Fe5.8845	Fe7.12460	0.18179
Fe2.4891	Fe8.3914	0.181774
Fe2.10262	Fe4.11628	0.18173
Fe1.12153	Fe7.12885	0.181708
Fe3.9787	Fe6.7575	0.181535
Fe1.3613	Fe1.7347	0.181514

Fe2.8664	Fe5.8784	0.181119
Fe5.4299	Fe6.1568	0.18109
Fe6.3708	Fe7.11687	0.180906
Fe6.9618	Fe8.3970	0.180844
Fe1.1580	Hic.scaffold.10.381	0.180762
Fe5.3271	Fe7.7710	0.180556
Fe2.230	Fe6.1849	0.180498
Fe4.3860	Fe6.1849	0.180498
Fe3.10717	Fe4.3104	0.1803
Fe5.11064	Fe6.9324	0.180294
Fe6.2758	Fe6.7712	0.180223
Fe5.3994	Fe8.3970	0.18014
Fe4.494	Fe7.2157	0.180061
Fe5.11664	Fe7.11078	0.180038
Fe2.2699	Fe2.3837	0.179955
Fe5.12976	Fe5.13407	0.179953
Fe7.2612	Fe7.6342	0.179909
Fe3.12565	Fe5.1875	0.179869
Fe3.5457	Fe3.11907	0.179702
Fe2.12719	Fe3.12196	0.179552
Fe3.2379	Hic.scaffold.9.229	0.179514
Fe1.2449	Fe4.1091	0.179487
Fe4.3122	Fe6.1523	0.179392
Fe1.14241	Fe3.4094	0.179278
Fe8.9852	Hic.scaffold.13.147	0.179208
Fe1.1580	Fe2.11486	0.179076
Fe3.14368	Fe6.3047	0.178898
Fe1.10261	Fe2.6322	0.178831
Fe4.5893	Fe5.11064	0.1786
Fe8.10693	Fe8.10898	0.178511
Fe3.5457	Fe6.11633	0.178447
Fe4.1697	Fe7.5898	0.178373
Fe3.6223	Fe4.5982	0.178279
Fe2.11533	Fe7.3651	0.178222
Fe4.3104	Fe4.13144	0.177772
Fe4.5086	Fe7.11066	0.177743
Fe3.10819	Fe4.3104	0.177136
Fe3.14368	Fe6.10845	0.176895
Fe3.11907	Fe8.8170	0.176846
Fe1.3911	Fe5.2479	0.176803
Fe7.8092	Fe8.3970	0.176788
Fe5.11538	Fe7.10845	0.176732
Fe2.4042	Fe4.3104	0.176443
Fe2.11586	Fe6.10845	0.176384
Fe6.10845	Fe7.3354	0.176384
Fe6.2639	Fe6.10845	0.176384
Fe1.4840	Fe5.11241	0.176222
Fe4.5893	Fe6.10178	0.176209
Fe1.7583	Fe3.12000	0.176195
Fe5.3988	Fe8.664	0.176181
Fe2.2722	Fe5.8379	0.176163
Fe3.12238	Fe4.2952	0.176124
Fe4.9804	Fe7.8104	0.17601
Fe4.11408	Fe5.9970	0.175886
Fe7.4572	Fe7.6342	0.175811

Fe5.12411	Fe8.2114	0.175765
Fe4.9493	Fe8.10764	0.175547
Fe1.9489	Fe8.4287	0.175523
Fe1.9164	Fe6.7575	0.175409
Fe2.9414	Fe7.5898	0.175389
Fe2.7834	Fe6.3455	0.175319
Fe4.3104	Fe4.5893	0.175249
Fe2.10262	Fe8.2114	0.175246
Fe3.5749	Fe4.3884	0.175165
Fe6.10049	Fe8.5255	0.175108
Fe1.5093	Hic.scaffold.10.212	0.175098
Fe3.9683	Fe6.9342	0.175019
Fe2.9475	Fe6.4442	0.174943
Fe4.5819	Fe6.3179	0.174872
Fe4.6031	Fe5.3988	0.174742
Fe2.1467	Fe8.10764	0.17457
Fe2.8544	Fe7.8507	0.174527
Fe3.5883	Fe6.570	0.174105
Fe1.2609	Fe4.9579	0.173957
Fe1.8907	Fe6.4442	0.173939
Fe6.6080	Fe8.3455	0.173939
Fe3.6223	Fe6.11633	0.173715
Fe7.1676	Fe8.10764	0.173652
Fe6.10178	Fe8.8179	0.173571
Fe3.9013	Fe4.11600	0.173521
Fe6.4658	Fe8.7559	0.173514
Fe4.12700	Fe6.5458	0.173439
Fe3.13859	Fe7.12938	0.173399
Fe3.9242	Fe4.5086	0.173372
Fe4.3104	Fe4.5609	0.173164
Fe3.1344	Fe8.7458	0.173083
Fe4.3245	Fe6.9893	0.173073
Fe1.9252	Fe1.14043	0.17281
Fe8.9575	Hic.scaffold.9.212	0.172387
Fe1.6586	Fe6.9798	0.172379
Fe7.5898	Fe8.664	0.172361
Fe2.10555	Fe7.10938	0.172274
Fe2.3837	Fe2.12734	0.172127
Fe5.2829	Fe8.1372	0.172113
Fe5.11636	Fe7.8434	0.171936
Fe1.11460	Fe5.6198	0.171704
Fe4.4621	Fe7.5115	0.17154
Fe3.10434	Fe6.3117	0.171482
Fe1.4599	Fe4.3104	0.17139
Fe7.8406	Fe8.6673	0.171361
Fe5.3045	Fe5.13407	0.171245
Fe6.10666	Fe7.6768	0.171197
Fe2.3837	Fe6.9754	0.171118
Fe6.2384	Fe7.4412	0.171004
Fe3.13423	Fe7.3382	0.170942
Fe1.4326	Fe3.2222	0.170923
Fe3.13859	Fe5.1875	0.170613
Fe4.3348	Fe6.3117	0.170585
Fe4.3408	Fe4.3431	0.170477
Fe8.10787	Hic.scaffold.9.878	0.170326

Fe1.8211	Fe7.4250	0.170159
Fe2.10555	Fe6.3047	0.170124
Fe1.1580	Fe5.3045	0.169697
Fe1.4496	Fe3.6435	0.169332
Fe3.13423	Fe5.167	0.16918
Fe3.3676	Fe6.9342	0.169179
Fe1.4197	Fe6.2593	0.169113
Fe1.7669	Fe8.5255	0.169094
Fe5.14503	Fe7.2398	0.168768
Fe4.10652	Fe7.8191	0.168746
Fe3.4601	Fe3.6223	0.168718
Fe3.4025	Fe4.9665	0.168567
Fe1.5954	Fe3.12239	0.168249
Fe1.5070	Fe2.3763	0.168192
Fe5.6175	Fe8.9045	0.168118
Fe3.6690	Fe5.6175	0.16785
Fe3.11907	Fe4.5775	0.167773
Fe3.12238	Fe5.11127	0.167538
Fe2.8529	Fe7.1614	0.167519
Fe5.13997	Fe8.660	0.167461
Fe3.2412	Fe6.3391	0.167449
Fe3.9683	Fe7.3708	0.167445
Fe2.946	Fe6.5826	0.167207
Fe6.3209	Fe7.11549	0.167145
Fe2.10363	Fe8.9686	0.166753
Fe2.2699	Fe3.6223	0.166659
Fe1.4300	Fe3.2175	0.166641
Fe4.3104	Fe5.3926	0.166352
Fe6.2941	Fe8.3889	0.166311
Fe5.12692	Hic.scaffold.9.227	0.166148
Fe1.8246	Fe8.3866	0.165787
Fe2.10326	Fe4.11253	0.165613
Fe5.6912	Fe7.5398	0.165603
Fe3.14297	Fe3.14303	0.16555
Fe6.4340	Fe7.12676	0.165486
Fe6.9201	Fe6.10178	0.165474
Fe7.11394	Fe8.2030	0.165391
Fe1.4496	Fe5.10045	0.165163
Fe3.12011	Fe5.3256	0.165044
Fe3.5889	Fe8.4894	0.164997
Fe3.13859	Fe4.546	0.164938
Fe3.11829	Fe4.5775	0.164905
Fe5.11446	Fe6.4590	0.164844
Fe6.3455	Fe7.11922	0.164799
Fe4.5893	Fe5.3988	0.164423
Fe6.5140	Fe6.6304	0.164421
Fe1.9297	Fe4.10706	0.164367
Fe2.9414	Fe3.6690	0.163929
Fe2.11845	Fe6.10582	0.163751
Fe2.8257	Fe6.10582	0.163751
Fe4.12052	Fe6.10582	0.163751
Fe6.10582	Fe8.7379	0.163751
Fe3.10617	Fe5.3933	0.163687
Fe2.11845	Fe5.10498	0.163444
Fe5.11064	Fe6.2573	0.163294

Fe4.8164	Fe7.8406	0.163292
Fe3.11907	Fe8.8615	0.163041
Fe3.6690	Fe4.5609	0.16294
Fe3.6690	Fe5.10045	0.162906
Fe4.3860	Fe5.3988	0.162502
Fe4.3845	Fe8.9575	0.162374
Fe3.10434	Fe8.3548	0.162278
Fe1.2801	Fe4.3970	0.162133
Fe6.9405	Fe8.3485	0.162061
Fe1.10399	Fe6.10178	0.161855
Fe2.162	Fe6.1849	0.161777
Fe1.6586	Fe3.10263	0.161759
Fe1.14043	Fe2.12223	0.161619
Fe4.3245	Fe5.3988	0.161452
Fe2.7678	Fe3.4568	0.161244
Fe3.12068	Fe7.4837	0.161224
Fe2.9558	Fe4.11628	0.161123
Fe1.7939	Fe5.2990	0.160981
Fe1.5981	Fe4.5775	0.16098
Fe5.12366	Fe6.4658	0.160769
Fe2.10318	Fe3.11261	0.160754
Fe1.11104	Fe5.9332	0.160533
Fe4.835	Fe7.1181	0.16051
Fe3.13957	Fe6.2840	0.160201
Fe7.12885	Fe8.5131	0.160184
Fe1.9489	Fe2.11698	0.160162
Fe1.12015	Fe3.9852	0.160034
Fe3.9787	Fe5.8510	0.160027
Fe6.1849	Fe6.3565	0.159958
Fe2.10846	Fe5.13407	0.159954
Fe3.5457	Fe8.3548	0.15971
Fe2.11387	Fe7.5692	0.15964
Fe5.9887	Fe6.8424	0.159613
Fe5.734	Fe8.8179	0.159609
Fe1.12153	Fe4.3860	0.15952
Fe3.5847	Fe5.5714	0.159495
Fe4.4956	Fe4.9590	0.159439
Fe2.9533	Fe3.6199	0.159333
Fe5.1560	Fe5.1583	0.159272
Fe2.11486	Fe3.6223	0.159108
Fe2.9036	Fe8.3914	0.159067
Fe2.9558	Fe8.7636	0.158998
Fe4.6852	Fe7.5898	0.158975
Fe1.9252	Fe6.9306	0.158901
Fe2.4858	Fe7.5898	0.158879
Fe2.10262	Fe3.11907	0.158859
Fe2.3763	Fe3.12055	0.158842
Fe1.7699	Fe6.10526	0.158716
Fe2.7559	Fe4.11408	0.158688
Fe5.2878	Fe6.11638	0.158647
Fe1.14043	Fe7.4337	0.158437
Fe1.14145	Fe5.1770	0.158376
Fe5.13708	Hic.scaffold.10.551	0.158167
Fe4.2952	Fe4.8334	0.158149
Fe4.10562	Fe6.3470	0.158049

Fe6.10361	Fe8.6984	0.158034
Fe4.11755	Fe5.11064	0.158004
Fe4.3970	Fe7.8077	0.157868
Fe2.1087	Fe2.3450	0.157865
Fe2.10253	Fe5.13426	0.157856
Hic.scaffold.11.175	Hic.scaffold.11.226	0.157775
Fe2.3836	Fe6.1849	0.157763
Fe6.1849	Fe6.10748	0.157763
Fe2.3767	Fe7.4569	0.15774
Fe3.2295	Fe7.2644	0.157581
Fe3.9787	Fe4.3245	0.157409
Fe3.9787	Fe6.10748	0.157409
Fe2.2699	Fe6.5447	0.157333
Fe3.9787	Fe6.9201	0.157231
Fe2.10363	Fe7.9788	0.157162
Fe5.7786	Hic.scaffold.9.276	0.156983
Fe2.2768	Fe4.3970	0.156894
Hic.scaffold.9.677	Hic.scaffold.9.739	0.156894
Fe3.1394	Fe6.11404	0.156885
Fe1.6996	Fe6.9618	0.156799
Fe1.6586	Fe5.13230	0.156684
Fe1.10468	Fe2.162	0.156519
Fe4.4841	Fe7.10845	0.156365
Hic.scaffold.10.533	Hic.scaffold.12.239	0.156325
Fe2.3702	Fe3.9013	0.156092
Fe2.3351	Fe3.6435	0.156028
Fe5.12976	Fe7.1181	0.155891
Fe3.13909	Fe7.8285	0.155732
Fe1.6237	Fe4.3348	0.155599
Fe2.11486	Fe7.12938	0.155597
Fe5.7786	Fe5.10735	0.155551
Fe5.1194	Fe6.5140	0.155519
Fe1.1422	Fe3.5642	0.155375
Fe7.2644	Fe7.3354	0.155303
Fe1.14043	Fe8.8615	0.155147
Fe4.11628	Fe8.9575	0.155028
Fe2.2699	Fe7.11158	0.154852
Fe6.2941	Hic.scaffold.9.878	0.15482
Fe5.11904	Fe6.8490	0.154488
Fe5.3816	Fe6.2334	0.154376
Fe2.5664	Fe7.5898	0.154308
Fe5.1194	Fe7.11922	0.15429
Fe4.446	Fe8.7744	0.154217
Fe1.6586	Fe2.11586	0.154207
Fe3.12083	Fe6.3323	0.154197
Fe1.3031	Fe2.2699	0.154024
Fe3.6435	Fe6.12237	0.153917
Fe4.11628	Fe6.5447	0.153675
Fe5.11664	Fe7.3382	0.153668
Fe1.11272	Fe8.660	0.153344
Fe6.11633	Fe8.2114	0.153183
Fe4.11816	Fe6.2645	0.153075
Fe2.659	Fe7.11689	0.152905
Fe7.3246	Fe8.3485	0.152834
Fe4.14140	Hic.scaffold.11.335	0.152815

Fe6.5447	Fe8.3548	0.1528
Fe1.9875	Fe5.5294	0.152692
Fe5.3045	Fe6.3117	0.152568
Fe3.13423	Fe6.8490	0.152259
Fe3.13859	Fe6.9306	0.152253
Fe2.9885	Fe6.10845	0.152187
Fe4.12052	Fe6.2816	0.152065
Fe2.11795	Fe8.3548	0.151998
Fe1.10399	Fe3.14451	0.151946
Fe5.2969	Fe6.2593	0.151869
Fe1.6219	Fe5.11064	0.151864
Fe3.5822	Fe7.3767	0.151739
Fe1.7669	Fe6.10049	0.151705
Fe4.9579	Fe6.9618	0.15147
Fe3.6223	Fe3.11907	0.151392
Fe4.9665	Fe6.5447	0.151357
Fe3.13367	Fe7.11078	0.151207
Fe1.6586	Fe6.10643	0.151084
Fe2.11467	Hic.scaffold.13.215	0.150995
Fe4.3845	Fe4.10255	0.150755
Fe6.3117	Fe7.1700	0.150662
Fe5.12112	Fe7.1453	0.150654
Fe1.12153	Fe6.9324	0.150626
Fe5.12291	Fe8.3889	0.150183
Fe5.11064	Fe6.3565	0.15013
Fe4.9660	Fe6.4078	0.150125
Fe5.1967	Fe7.8092	0.150094
Fe2.2478	Fe7.7422	0.150056
Fe5.1875	Fe7.11922	0.149932
Fe2.1467	Fe2.11749	0.149877
Fe1.9252	Fe4.5982	0.149713
Fe1.3342	Fe7.5898	0.149576
Fe1.10468	Fe2.3745	0.149498
Fe1.10468	Fe4.1697	0.149498
Fe1.10468	Fe7.12885	0.149498
Fe1.5728	Fe4.9804	0.149475
Fe6.3455	Fe7.12938	0.149418
Fe4.3884	Fe5.10625	0.149405
Fe7.13190	Fe8.1239	0.149198
Fe2.2768	Fe2.7940	0.149115
Fe4.9590	Fe6.10748	0.149067
Fe1.7583	Fe5.2878	0.148849
Fe1.8907	Fe2.4342	0.148795
Fe2.8404	Fe5.9792	0.148771
Fe2.12835	Fe5.3271	0.148656
Fe3.6435	Fe4.3860	0.148624
Fe1.4599	Fe5.11064	0.148554
Fe2.11655	Fe3.13423	0.148423
Fe5.13407	Fe6.3455	0.148319
Fe1.10399	Fe2.12287	0.148196
Fe5.1570	Fe5.1700	0.148152
Fe3.7985	Fe5.2969	0.14813
Fe5.3045	Fe6.5826	0.14807
Fe3.13859	Fe7.8406	0.147931
Fe6.10845	Fe8.10698	0.147867

Fe4.7773	Fe6.6281	0.147782
Fe6.10845	Fe7.2644	0.147673
Fe1.3911	Hic.scaffold.10.212	0.147631
Fe1.3702	Fe3.7633	0.147272
Fe3.13367	Fe5.3271	0.147055
Fe1.12153	Fe7.3998	0.146981
Fe4.5775	Fe4.9665	0.146776
Fe6.3565	Fe6.7575	0.146715
Fe1.4599	Fe8.5131	0.146686
Fe1.1422	Fe4.12700	0.14665
Fe1.9252	Fe4.5775	0.146635
Fe3.9164	Fe6.5826	0.146576
Fe1.14021	Hic.scaffold.10.9	0.146341
Fe4.6136	Fe7.11617	0.146272
Fe5.8510	Fe7.12180	0.146217
Fe1.405	Fe1.2297	0.146139
Fe2.5091	Fe3.6223	0.146024
Fe1.10245	Fe3.2842	0.145841
Fe1.9164	Fe5.8510	0.1458
Fe4.9590	Fe6.10178	0.145786
Fe2.5091	Fe4.9665	0.145767
Fe2.2699	Fe4.446	0.145708
Fe6.6304	Fe8.3548	0.145557
Fe3.6690	Fe4.5893	0.145377
Hic.scaffold.10.9	Hic.scaffold.9.480	0.145375
Fe3.7649	Fe5.1919	0.145266
Fe5.1875	Hic.scaffold.10.212	0.145256
Fe1.13425	Hic.scaffold.9.878	0.145144
Fe3.9164	Fe3.11829	0.145105
Fe1.6237	Fe4.6136	0.145042
Fe6.3117	Hic.scaffold.9.212	0.144981
Fe2.2866	Fe7.8392	0.144963
Fe1.12032	Fe7.3896	0.144898
Fe1.4496	Fe6.10748	0.144893
Fe4.11755	Fe7.5898	0.144879
Fe2.4891	Fe8.5255	0.144858
Fe4.5609	Fe6.7446	0.144833
Fe6.5140	Fe7.11617	0.144825
Fe1.9426	Fe2.3707	0.144637
Fe5.4301	Fe6.1566	0.144554
Fe7.470	Hic.scaffold.10.427	0.144552
Fe6.6841	Fe8.6372	0.144264
Fe1.13432	Hic.scaffold.9.893	0.144182
Fe5.8240	Fe7.3780	0.144034
Fe4.3348	Fe6.6304	0.144002
Fe3.9164	Fe5.1967	0.143888
Fe4.6136	Fe6.4883	0.143682
Fe3.6223	Fe5.3994	0.143636
Fe1.9164	Fe8.5131	0.143505
Fe1.12063	Fe3.9363	0.143407
Fe1.4599	Fe2.970	0.143259
Fe6.9798	Fe8.3914	0.143139
Fe3.5457	Fe4.835	0.143055
Fe5.3994	Fe8.10787	0.14295
Fe2.8476	Fe8.11145	0.142769

Fe1.4599	Fe6.7575	0.142704
Fe4.11628	Fe5.4909	0.142643
Fe4.3845	Fe8.9197	0.142614
Fe5.4185	Fe6.5458	0.142614
Fe3.10664	Fe7.12938	0.142582
Fe1.791	Fe6.2816	0.142559
Fe1.3911	Fe2.10387	0.142557
Fe1.7433	Fe4.5609	0.142375
Fe4.3104	Fe5.6597	0.1421
Fe4.10255	Fe5.4566	0.14209
Fe2.13470	Fe8.9686	0.142052
Fe5.12291	Fe8.7744	0.142041
Fe3.13859	Fe6.3117	0.14182
Fe3.13537	Fe4.5174	0.141758
Fe6.6304	Fe7.11922	0.141741
Fe6.9306	Fe7.12938	0.141737
Fe3.9787	Fe5.7545	0.141672
Fe2.12287	Fe3.6435	0.141658
Fe5.11870	Fe7.3467	0.141567
Fe7.7190	Fe8.9572	0.141563
Fe1.2449	Fe4.11628	0.141441
Fe2.12734	Fe3.13859	0.141292
Fe6.2489	Fe6.10643	0.141238
Fe3.8662	Fe5.10621	0.141106
Fe3.14466	Fe4.3923	0.140969
Fe6.2941	Fe8.10787	0.140816
Fe3.1270	Hic.scaffold.9.498	0.140473
Fe4.5982	Fe6.5826	0.140465
Fe2.3889	Fe4.1579	0.140442
Fe4.3245	Fe5.3926	0.140394
Fe2.11655	Fe7.3896	0.140262
Fe4.9590	Fe5.9517	0.14023
Fe2.10387	Fe4.5775	0.140225
Fe1.4416	Fe2.8516	0.140055
Fe4.9579	Fe5.2479	0.13994
Fe1.10399	Fe7.3998	0.139734
Fe2.3837	Fe5.3045	0.139654
Fe8.3970	Fe8.8977	0.13958
Fe4.5982	Fe8.3970	0.13953
Fe7.12364	Fe8.4018	0.139476
Fe1.10488	Fe2.8089	0.13936
Fe1.6586	Fe7.3354	0.139226
Fe6.2593	Fe6.3485	0.139203
Fe3.6223	Fe6.1274	0.13907
Fe4.220	Fe5.13407	0.139027
Fe8.5255	Fe8.7419	0.138963
Fe4.1862	Fe4.9660	0.138765
Fe4.14394	Hic.scaffold.11.150	0.138556
Fe4.14399	Hic.scaffold.11.145	0.138507
Fe4.1862	Fe5.9970	0.138467
Fe2.1467	Fe7.3708	0.138204
Fe1.3697	Fe2.3837	0.137824
Fe1.6237	Fe4.10255	0.137788
Fe2.122	Fe8.602	0.137666
Fe2.10555	Fe6.10643	0.137662

Fe7.7223	Fe8.5255	0.137592
Fe3.9283	Fe4.3104	0.137522
Fe3.9155	Fe6.8467	0.137463
Fe3.13537	Fe7.1133	0.137446
Fe4.5982	Fe5.13997	0.137439
Fe2.7834	Fe3.5457	0.137197
Fe1.11272	Fe7.1181	0.136849
Fe1.5954	Fe6.5177	0.136815
Fe7.1700	Fe8.10787	0.136806
Fe5.6175	Fe8.5131	0.136411
Fe5.2042	Fe5.2102	0.136406
Fe4.6978	Fe5.7333	0.136098
Fe4.11941	Fe6.5826	0.13597
Fe1.1426	Fe3.13537	0.135957
Fe4.7867	Fe4.11361	0.135793
Fe3.10873	Fe4.4895	0.135661
Fe2.4858	Fe3.6690	0.135531
Fe2.2699	Fe4.5982	0.135429
Fe1.9252	Fe3.7931	0.135343
Fe2.9475	Fe3.6435	0.13526
Fe4.3435	Fe6.11572	0.135067
Fe4.4895	Fe6.10845	0.135053
Fe1.3441	Fe2.10285	0.134976
Fe2.12223	Fe6.3117	0.134973
Fe4.9590	Fe5.10045	0.134368
Fe6.5826	Fe6.9306	0.134354
Fe3.5458	Fe4.5767	0.134262
Fe1.10468	Fe3.13015	0.134149
Fe2.6032	Fe6.6139	0.133977
Fe6.10845	Fe7.11503	0.133967
Fe8.581	Fe8.9922	0.133733
Fe7.1181	Hic.scaffold.9.212	0.133609
Fe6.3270	Fe6.11588	0.133502
Fe5.11188	Fe6.4442	0.133453
Fe3.9879	Fe5.10507	0.133324
Fe3.6435	Fe5.10045	0.133196
Fe5.12291	Fe7.8092	0.133109
Fe2.8529	Fe6.5458	0.132934
Fe1.10468	Fe3.6435	0.132821
Fe6.9893	Fe7.5898	0.132808
Fe1.5546	Fe2.9414	0.132751
Fe2.13303	Fe7.2644	0.13271
Fe3.836	Fe6.3117	0.132645
Fe5.8681	Fe7.6561	0.132308
Fe3.3622	Hic.scaffold.9.229	0.132292
Fe3.12000	Fe8.5081	0.132177
Fe2.3763	Fe6.3468	0.132154
Fe2.970	Fe4.1697	0.132121
Fe1.7347	Fe2.5017	0.131956
Fe3.9903	Fe6.1876	0.131841
Fe5.2030	Fe5.2087	0.13178
Fe5.6175	Fe6.9369	0.131754
Fe6.4883	Fe6.5826	0.131578
Fe2.11387	Fe7.13040	0.131546
Fe6.9885	Fe8.9820	0.131488

Fe6.3565	Fe7.5898	0.131444
Fe3.12056	Fe5.7546	0.131183
Fe3.6690	Fe5.3926	0.131172
Fe1.10399	Fe2.9475	0.131076
Fe2.4858	Fe8.5131	0.131065
Fe2.10503	Fe3.1915	0.131051
Fe1.3697	Fe2.5091	0.131043
Fe2.4342	Fe3.10079	0.131031
Fe2.4342	Fe4.3860	0.131031
Fe5.3933	Fe5.8379	0.130921
Fe4.9665	Hic.scaffold.10.212	0.130909
Fe1.537	Hic.scaffold.10.9	0.130878
Fe1.537	Hic.scaffold.9.480	0.130878
Fe3.12316	Fe4.3845	0.130867
Fe2.3763	Fe6.9893	0.130791
Fe5.12348	Fe7.12612	0.130466
Fe1.4496	Fe8.4850	0.130418
Fe1.2449	Fe6.5826	0.130306
Fe6.2996	Fe6.10312	0.130286
Fe2.10781	Fe5.1824	0.130281
Fe3.11907	Fe4.5982	0.130277
Fe1.7273	Fe8.5255	0.130194
Fe1.5954	Fe7.3552	0.130073
Fe2.9899	Fe6.2539	0.129852
Fe1.11272	Fe3.10434	0.129825
Fe6.5140	Fe8.3766	0.129671
Fe8.8179	Fe8.9539	0.129331
Fe4.13626	Fe7.5768	0.129158
Fe3.6435	Fe4.3104	0.129064
Fe7.6227	Fe8.741	0.128931
Fe3.11829	Fe5.3994	0.12892
Fe1.6152	Fe6.6013	0.128767
Fe3.6690	Fe3.13015	0.128721
Fe1.10195	Fe6.8424	0.128443
Fe6.4078	Fe8.2330	0.128384
Fe4.2056	Fe7.11497	0.128352
Fe4.11628	Fe7.12938	0.128271
Fe4.5775	Fe4.6136	0.12804
Hic.scaffold.10.87	Hic.scaffold.9.818	0.127992
Fe6.2396	Fe8.10201	0.127984
Fe3.12238	Fe4.8334	0.127967
Fe1.4438	Fe1.14099	0.127923
Fe2.8096	Fe6.2396	0.127811
Fe5.9517	Fe8.4850	0.127713
Fe4.14136	Hic.scaffold.11.340	0.127691
Fe3.11907	Fe6.9306	0.127585
Fe1.10468	Fe6.9369	0.127529
Fe4.681	Hic.scaffold.9.848	0.127526
Fe3.6223	Fe4.11628	0.127499
Fe5.6177	Fe6.3587	0.127316
Fe2.2418	Fe6.10339	0.12726
Fe3.13423	Fe5.12112	0.127079
Fe5.10602	Fe7.7284	0.127034
Fe5.7545	Fe7.5898	0.126944
Fe1.10399	Fe4.11755	0.12693

Fe5.11188	Fe8.9539	0.126822
Fe3.129	Fe4.2038	0.126527
Fe7.6029	Fe8.4913	0.12651
Fe1.3342	Fe3.6690	0.126469
Fe3.8186	Fe5.11870	0.126284
Fe4.1071	Fe4.1082	0.12622
Fe1.2500	Fe7.12234	0.126208
Fe6.9302	Fe8.7097	0.126068
Fe3.1098	Fe4.1915	0.125908
Fe2.2699	Fe4.6136	0.125895
Fe3.9122	Fe8.4913	0.125882
Fe7.8092	Fe7.11922	0.125882
Fe2.3702	Fe3.7633	0.125641
Fe7.13040	Fe8.664	0.12558
Fe5.3933	Fe6.11351	0.125532
Fe4.12297	Fe6.1849	0.125504
Fe5.13230	Fe8.10698	0.125367
Fe1.4496	Fe7.5692	0.125336
Fe3.7931	Fe8.2114	0.125185
Fe1.10620	Fe4.2015	0.12516
Fe3.12316	Hic.scaffold.9.212	0.125116
Fe4.14357	Hic.scaffold.11.280	0.125066
Fe1.4496	Fe2.5664	0.125013
Fe4.6852	Fe4.9590	0.124848
Fe2.11274	Fe7.2644	0.124544
Fe1.9252	Fe8.1607	0.124456
Fe2.4480	Fe5.8167	0.124396
Fe1.7433	Fe6.10178	0.124361
Fe7.5274	Fe8.7259	0.124359
Fe6.3010	Fe6.5303	0.124194
Fe8.5255	Fe8.7458	0.12417
Fe3.5457	Fe4.5775	0.124099
Fe1.10253	Fe2.122	0.124082
Fe5.1728	Fe8.3548	0.124077
Fe3.6435	Fe4.5893	0.124069
Fe2.12963	Fe6.4477	0.123961
Fe2.2699	Fe2.5091	0.123833
Fe7.8104	Fe8.2306	0.123756
Fe1.13843	Fe2.3228	0.123594
Fe1.3072	Fe2.7834	0.12346
Fe4.3104	Fe5.7545	0.123305
Fe8.7415	Fe8.9860	0.123279
Fe2.9558	Fe8.3548	0.123144
Fe1.11272	Fe7.10757	0.123132
Fe2.1094	Fe8.3970	0.123091
Fe3.9164	Fe5.4909	0.122988
Fe2.1200	Fe7.11503	0.122941
Fe2.12734	Fe3.12316	0.122882
Fe4.11941	Fe8.9151	0.122858
Fe6.9798	Fe8.5255	0.122848
Fe2.3837	Fe4.11941	0.122845
Fe5.2829	Fe8.10787	0.122842
Fe2.1130	Fe3.5958	0.122735
Fe3.1140	Fe3.1384	0.12252
Fe1.5546	Fe4.5609	0.122459

Fe1.5981	Fe4.9665	0.122429
Fe1.7669	Fe8.3071	0.122404
Fe8.3914	Fe8.10698	0.122257
Fe1.8907	Fe5.9517	0.122197
Fe5.9517	Fe6.9201	0.122197
Fe6.4938	Fe8.8327	0.122148
Fe1.12153	Fe5.7738	0.122124
Fe2.2478	Fe4.5267	0.121979
Fe4.5775	Fe6.5140	0.121975
Fe3.11907	Fe7.11617	0.121869
Fe2.1149	Fe2.2699	0.121764
Fe2.2866	Fe2.8476	0.121753
Fe3.12008	Fe6.3391	0.121573
Fe4.10558	Fe5.3271	0.121483
Fe2.13753	Fe4.11628	0.121444
Fe2.5664	Fe4.9590	0.121429
Fe4.14419	Hic.scaffold.11.128	0.121393
Fe1.3072	Fe4.11941	0.121292
Fe4.5893	Fe7.11034	0.121063
Fe8.9539	Hic.scaffold.9.185	0.120928
Fe1.4599	Fe3.6690	0.120909
Fe1.12052	Fe6.11303	0.12084
Fe1.6154	Fe2.12757	0.120827
Fe6.9201	Fe8.9539	0.12082
Fe2.5091	Fe2.11486	0.120738
Fe2.4756	Fe3.6862	0.120665
Fe5.2829	Fe6.2941	0.120642
Fe2.1094	Fe6.3117	0.120504
Fe4.5775	Fe8.3548	0.120384
Fe3.8730	Fe6.12072	0.12026
Fe2.10387	Fe6.5447	0.120167
Fe3.10664	Fe6.3117	0.120152
Fe6.3455	Fe8.10787	0.120013
Fe5.10636	Fe8.5081	0.120011
Fe1.359	Fe6.1992	0.119911
Fe3.12083	Fe6.3010	0.119885
Fe1.3911	Fe8.9707	0.119835
Fe6.4381	Fe8.7673	0.119795
Fe1.2258	Fe5.3271	0.119776
Fe4.3104	Fe5.7738	0.119751
Fe4.13128	Fe6.3561	0.119546
Fe1.3501	Fe8.3548	0.119503
Fe5.7738	Fe6.9702	0.119355
Fe6.9618	Fe8.3889	0.11935
Fe3.6690	Fe6.3565	0.119334
Fe3.9164	Fe6.5447	0.119209
Fe1.7273	Fe8.581	0.119193
Fe2.9517	Fe4.4153	0.119163
Fe2.11387	Fe3.9283	0.11912
Fe5.12066	Fe6.9405	0.119024
Fe2.496	Fe7.8388	0.119008
Fe1.13438	Hic.scaffold.9.896	0.11898
Fe1.12058	Hic.scaffold.10.427	0.118877
Fe5.2479	Fe8.660	0.118804
Fe5.7738	Fe8.5131	0.11877

Fe4.11755	Fe8.9539	0.118681
Fe5.12976	Fe6.3455	0.11843
Fe7.3354	Fe8.5255	0.11843
Fe3.6346	Fe5.8845	0.118276
Fe5.3045	Fe5.12976	0.118035
Fe1.6996	Fe6.3455	0.118004
Fe4.6031	Fe6.1849	0.117934
Fe2.281	Fe3.12083	0.117457
Fe2.9663	Fe3.11907	0.117414
Fe1.6237	Fe6.9306	0.117287
Fe3.6435	Fe5.3988	0.117189
Fe6.2505	Fe6.2506	0.117121
Fe4.8876	Fe8.4182	0.117099
Fe3.3676	Fe6.3485	0.117082
Fe1.9252	Fe2.2699	0.117071
Fe6.5029	Fe8.3071	0.117005
Fe2.3837	Fe6.3455	0.116813
Fe3.9787	Fe6.5237	0.116653
Fe1.10399	Fe8.4850	0.116589
Fe3.2412	Fe6.1527	0.116566
Fe3.13859	Fe5.2479	0.11636
Fe3.13832	Fe7.3455	0.116314
Fe2.11387	Fe8.11989	0.116027
Fe1.5546	Fe4.3860	0.115881
Fe6.11633	Fe8.3548	0.115854
Fe2.11795	Hic.scaffold.10.381	0.115851
Fe8.3970	Fe8.7636	0.115747
Fe1.1419	Fe1.1436	0.115733
Fe4.1697	Fe6.3565	0.115448
Fe5.3994	Fe8.3548	0.115411
Fe2.1207	Fe3.5182	0.11539
Fe3.6435	Fe6.2450	0.115253
Fe1.3134	Fe6.9324	0.11522
Fe1.10468	Fe4.4956	0.115167
Fe2.3351	Fe8.8179	0.114965
Fe1.12711	Fe3.13539	0.114959
Fe3.6223	Fe5.1194	0.114924
Fe8.9197	Fe8.9575	0.114843
Fe2.10148	Fe2.11382	0.114723
Fe1.11272	Fe6.2941	0.114702
Fe3.10477	Fe7.9369	0.114699
Fe4.3884	Fe7.11467	0.114679
Fe4.5982	Fe6.3117	0.114646
Fe1.8907	Fe6.7446	0.114485
Fe1.13870	Fe6.2490	0.114253
Fe6.3733	Fe7.465	0.11425
Fe7.8092	Fe8.2114	0.114228
Fe4.1702	Fe7.11497	0.114185
Fe3.220	Fe3.13563	0.114108
Fe1.3329	Fe6.4337	0.114105
Fe2.2699	Fe3.7931	0.113968
Fe7.1181	Fe8.9707	0.113968
Hic.scaffold.17.26	Hic.scaffold.9.515	0.113948
Fe3.9283	Fe8.5131	0.113879
Fe3.4025	Fe3.11907	0.113721

Fe4.13619	Fe4.13786	0.113669
Fe1.3898	Fe6.4999	0.113559
Fe1.12095	Fe4.13404	0.113539
Fe1.2449	Fe7.12938	0.113536
Fe1.10399	Fe6.2450	0.113534
Fe8.5255	Fe8.10698	0.113508
Fe3.6223	Fe5.13472	0.113471
Fe5.12291	Fe7.11617	0.113418
Fe2.9462	Fe2.9535	0.113416
Fe4.6828	Fe5.11307	0.113079
Fe1.6570	Fe3.12000	0.11289
Fe1.2609	Fe6.6304	0.112874
Fe3.5097	Fe7.11576	0.112779
Fe4.9665	Fe5.5777	0.112728
Fe4.11816	Fe6.5303	0.112658
Fe1.12775	Fe5.1967	0.112601
Fe3.9787	Fe3.12055	0.112478
Fe2.9414	Fe3.7763	0.112382
Fe1.12775	Fe8.9575	0.112376
Fe3.5771	Fe4.4607	0.112322
Fe4.4895	Fe7.10938	0.112298
Fe1.506	Hic.scaffold.9.412	0.112297
Fe5.9517	Fe6.9893	0.112192
Fe2.3837	Fe7.8092	0.112185
Fe2.1682	Fe8.2561	0.112161
Fe3.9160	Fe7.8192	0.112121
Fe5.6597	Fe7.12885	0.112014
Fe6.5323	Fe6.9393	0.11198
Fe1.2449	Fe2.3837	0.111861
Fe2.4042	Fe6.9893	0.111778
Fe5.13376	Fe7.5274	0.111738
Fe1.10399	Fe6.9893	0.111601
Fe3.10264	Fe3.13974	0.111498
Fe2.12223	Fe8.1607	0.111494
Fe5.12591	Fe6.4442	0.11144
Fe2.230	Fe3.12055	0.111436
Fe3.6435	Fe4.4956	0.11143
Fe3.14451	Fe6.4442	0.11135
Fe6.3117	Fe6.9306	0.11131
Fe1.12750	Fe6.3922	0.111179
Fe3.7763	Fe6.10178	0.111155
Fe2.3837	Fe7.11617	0.111141
Fe4.835	Fe4.12616	0.110965
Fe2.445	Hic.scaffold.9.803	0.110949
Fe1.7433	Fe5.9517	0.11092
Fe5.2729	Fe6.11303	0.110908
Fe7.1614	Fe8.10574	0.110814
Fe4.11755	Fe6.1849	0.110719
Fe6.9306	Hic.scaffold.10.212	0.110406
Fe4.14273	Fe5.13472	0.110391
Fe3.5457	Fe4.5982	0.110147
Fe3.12055	Fe8.664	0.110128
Fe7.11549	Fe8.4283	0.110114
Fe4.3061	Fe4.5702	0.110105
Fe1.3911	Fe2.2699	0.110088

Fe1.2609	Fe4.5346	0.110038
Fe5.2280	Fe5.2359	0.109991
Fe1.5093	Fe3.10664	0.10996
Fe6.3455	Hic.scaffold.10.381	0.109812
Fe3.7763	Fe7.5898	0.109778
Fe2.7834	Fe7.8092	0.109666
Fe4.5346	Fe4.9665	0.109643
Fe3.6690	Fe6.9893	0.109619
Fe2.8302	Fe7.11497	0.109561
Fe6.2996	Fe7.7284	0.109512
Fe2.5091	Fe6.5140	0.109458
Fe7.8406	Fe8.9575	0.109364
Fe6.5237	Fe8.5131	0.109337
Fe2.10363	Fe5.1824	0.109277
Fe1.12153	Fe2.4858	0.109118
Fe2.11486	Fe4.9665	0.109068
Fe4.1634	Fe6.3676	0.108938
Fe2.1094	Hic.scaffold.10.212	0.108882
Fe3.5642	Fe5.5553	0.108834
Fe2.11486	Fe8.3766	0.108801
Fe2.8546	Fe7.13040	0.108768
Fe2.2740	Fe6.2633	0.108661
Fe2.2693	Fe7.7284	0.108632
Fe4.5775	Fe5.5777	0.108623
Fe1.6219	Fe8.9714	0.108596
Fe1.4496	Fe1.14083	0.108283
Fe1.4496	Fe6.5237	0.108136
Fe1.6996	Fe1.11272	0.107997
Fe1.3134	Fe8.5131	0.107941
Fe3.13098	Fe5.8045	0.107866
Fe7.11617	Fe8.9575	0.107837
Fe3.2130	Fe6.3391	0.107813
Fe2.4042	Fe5.11064	0.107774
Fe2.4858	Fe5.6175	0.107773
Fe4.11554	Fe5.13394	0.107753
Fe5.7545	Fe6.7446	0.107659
Fe2.4891	Fe7.11503	0.107473
Fe6.3047	Fe7.11503	0.107473
Fe7.2566	Fe8.10698	0.107472
Fe1.13425	Fe6.5447	0.107436
Fe5.13472	Fe6.3117	0.107346
Fe1.9164	Fe2.11387	0.107293
Fe4.4895	Fe8.7419	0.10706
Fe1.13804	Fe2.5091	0.107053
Hic.scaffold.14.165	Hic.scaffold.14.222	0.107028
Fe3.7763	Fe5.10045	0.106904
Fe1.5230	Fe1.14110	0.106842
Fe2.1592	Fe4.3067	0.106735
Fe6.2593	Fe8.10574	0.106712
Fe2.10262	Fe3.10664	0.106669
Fe3.1662	Fe4.5982	0.106623
Fe1.989	Fe8.10456	0.106428
Fe3.2904	Fe4.2975	0.106392
Fe3.6435	Fe7.5898	0.106179
Fe2.5664	Fe2.11387	0.106171

Fe2.230	Fe2.11387	0.106124
Fe1.1324	Hic.scaffold.9.724	0.10601
Fe2.2895	Fe8.878	0.105793
Fe4.11628	Fe8.7744	0.105646
Fe1.6237	Fe6.9754	0.105634
Fe6.5826	Fe8.10787	0.105626
Fe4.5775	Fe7.4337	0.105591
Fe3.4601	Fe8.3548	0.105496
Fe2.9994	Fe6.3117	0.105493
Fe4.11755	Fe6.3830	0.10534
Fe4.14390	Hic.scaffold.11.203	0.105327
Fe3.10063	Fe6.11376	0.105188
Fe7.2612	Fe7.3423	0.105172
Fe6.9201	Fe8.8179	0.105163
Fe4.6136	Fe6.11633	0.105036
Fe2.9694	Fe4.2136	0.104978
Fe2.3763	Fe6.3565	0.104788
Fe1.1412	Fe1.1443	0.104713
Fe5.2829	Fe8.9575	0.104566
Fe7.13040	Fe8.5131	0.104548
Fe6.9306	Fe8.9575	0.104495
Hic.scaffold.10.79	Hic.scaffold.9.812	0.104431
Hic.scaffold.11.162	Hic.scaffold.11.233	0.104377
Fe2.12158	Hic.scaffold.10.475	0.10435
Fe4.5609	Fe6.1916	0.104247
Fe2.9414	Fe4.5609	0.104154
Fe5.12809	Fe8.10698	0.104095
Fe2.11539	Fe5.13040	0.104027
Fe2.11274	Fe6.3047	0.104025
Fe3.12675	Fe4.1915	0.10388
Fe6.5177	Fe7.7284	0.103758
Fe2.10387	Fe4.13650	0.103618
Fe2.3837	Fe5.1728	0.103549
Fe2.3204	Fe4.3061	0.103441
Fe5.11094	Fe5.13192	0.10343
Fe3.1290	Hic.scaffold.9.505	0.103362
Fe3.6264	Fe7.12697	0.103358
Fe2.12223	Fe2.13753	0.103231
Fe2.3351	Fe3.12055	0.103192
Fe5.8510	Fe7.5898	0.103057
Fe5.3045	Fe8.660	0.103035
Fe2.11274	Fe8.5255	0.10302
Fe2.8302	Fe8.4018	0.102977
Fe4.11628	Fe7.8092	0.102924
Fe3.11907	Fe5.4566	0.102918
Fe4.13404	Fe7.5192	0.102819
Fe5.6064	Fe8.4538	0.102814
Fe1.3501	Fe3.5457	0.102797
Fe1.12153	Fe6.3565	0.102753
Fe5.10114	Fe6.10178	0.102735
Fe6.11251	Fe7.1608	0.102714
Fe2.3837	Fe3.11907	0.102668
Fe4.3104	Fe6.5237	0.102571
Fe4.13450	Fe7.5398	0.102314
Fe5.4171	Fe6.9342	0.102254

Fe4.11698	Fe8.4580	0.102246
Fe1.14641	Fe2.14308	0.10218
Fe4.10579	Fe6.6383	0.102177
Fe1.7669	Fe6.5029	0.102132
Fe2.10387	Fe7.8092	0.102119
Fe2.8476	Fe6.10782	0.102112
Fe1.10015	Fe1.10592	0.10201
Fe3.14495	Fe4.3345	0.101947
Fe2.12288	Fe2.12823	0.101818
Fe1.12153	Fe8.8746	0.101682
Fe6.8305	Fe6.9269	0.101662
Fe6.10249	Fe7.7422	0.101518
Fe7.5274	Fe7.12662	0.101495
Fe6.3049	Fe7.6359	0.101441
Fe3.6690	Fe4.11755	0.101433
Fe5.1875	Fe6.3455	0.101241
Fe1.4599	Fe4.3245	0.101013
Fe5.2969	Fe5.10636	0.100795
Fe3.495	Fe5.13792	0.100732
Fe1.924	Fe6.9817	0.100641
Fe1.11110	Fe8.10937	0.100614
Fe2.10363	Fe2.10781	0.100543
Fe6.3117	Fe6.5447	0.100369
Fe3.6435	Fe8.5131	0.100261
Fe8.3180	Fe8.5255	0.100236
Fe1.8907	Fe5.6175	0.100111
Fe3.7931	Fe8.3970	0.100093
Fe4.5982	Fe7.11922	0.0998913
Fe7.11034	Fe7.11738	0.0998082
Fe6.5458	Fe8.5461	0.0997573
Fe5.6175	Fe6.9893	0.09972
Fe1.6989	Fe4.4963	0.0997085
Fe4.4963	Fe6.8105	0.0997085
Fe2.3745	Fe6.9893	0.0995962
Fe6.3323	Fe6.12184	0.0994136
Fe6.10361	Fe8.8017	0.0993395
Fe2.11486	Fe5.12976	0.0992907
Fe4.5775	Fe8.9151	0.0992331
Fe3.5457	Fe4.12616	0.0991858
Fe3.12000	Fe6.3485	0.0991785
Fe3.7763	Fe4.3860	0.0991119
Fe2.3763	Fe4.3901	0.0989309
Fe3.6435	Hic.scaffold.9.185	0.0989153
Fe1.11272	Fe5.1194	0.0989001
Fe3.12239	Fe4.4841	0.098678
Fe2.10997	Fe8.5749	0.0986498
Fe1.12058	Fe8.8700	0.098614
Fe5.3045	Fe8.7636	0.0986075
Fe1.7433	Fe8.5131	0.098519
Fe2.9475	Fe6.10748	0.098459
Fe1.655	Fe8.10698	0.0983243
Fe5.6175	Fe5.10045	0.0982763
Fe1.949	Fe8.10466	0.0982354
Fe2.11486	Fe7.11617	0.0982238
Fe4.10547	Fe6.10824	0.0982104

Hic.scaffold.9.675	Hic.scaffold.9.737	0.0981959
Fe7.12612	Fe8.7332	0.0981565
Fe4.13103	Fe5.1194	0.0980491
Fe6.1274	Fe8.3548	0.097989
Fe3.11204	Fe8.3548	0.0978349
Fe3.9200	Fe7.9834	0.0978174
Fe5.1623	Fe5.1666	0.0975929
Fe5.3045	Hic.scaffold.10.381	0.097496
Fe2.8374	Fe4.6220	0.0974042
Fe1.5070	Fe2.4858	0.0973911
Fe2.946	Fe2.11795	0.0973711
Fe3.12316	Fe6.9306	0.0973463
Fe1.9008	Fe2.8302	0.097302
Fe3.11999	Fe8.4018	0.0972703
Fe1.13139	Fe2.122	0.0971898
Hic.scaffold.11.216	Hic.scaffold.11.232	0.0971682
Fe8.9707	Hic.scaffold.10.381	0.0970541
Fe1.5070	Fe2.3836	0.0968894
Hic.scaffold.10.82	Hic.scaffold.9.814	0.0968371
Fe2.8546	Fe8.8746	0.0967226
Fe7.11617	Fe8.3548	0.0966963
Fe8.4283	Fe8.6797	0.0966312
Fe2.10262	Fe4.5982	0.0966001
Fe4.6828	Fe5.8845	0.0965774
Fe4.4841	Fe5.7381	0.0965729
Fe3.12055	Fe6.10178	0.0965216
Fe2.8021	Fe8.10692	0.0964211
Fe6.1916	Fe7.11034	0.0964086
Fe2.4342	Fe3.7763	0.0963732
Fe6.6304	Fe8.3970	0.09629
Fe6.3485	Fe6.11638	0.0962253
Fe1.5103	Fe4.12327	0.096219
Fe5.12411	Fe8.3548	0.0962105
Fe4.14138	Hic.scaffold.11.337	0.0962091
Fe5.8379	Fe7.11078	0.0960113
Fe3.9164	Fe6.3455	0.0959885
Fe2.11795	Fe8.3766	0.0959672
Fe3.6690	Fe7.5898	0.095959
Fe1.10468	Fe4.11755	0.0958665
Fe4.6878	Fe5.6684	0.0958602
Fe4.11628	Fe6.9754	0.0955639
Fe4.6031	Fe8.664	0.0954848
Fe2.11749	Fe7.1676	0.0953057
Fe2.7834	Fe5.1728	0.0950133
Fe1.10468	Fe4.6031	0.0950124
Fe1.6586	Fe5.7786	0.0948865
Fe3.10263	Fe7.4048	0.0947945
Fe4.9665	Fe8.9707	0.09478
Fe5.1557	Fe5.1586	0.094643
Fe5.7545	Fe7.11034	0.0945981
Fe6.3209	Fe8.4283	0.0943982
Fe2.9558	Fe4.5775	0.0943842
Fe2.11438	Fe6.11303	0.0943484
Fe6.10049	Fe6.10845	0.0943337
Fe1.14645	Fe2.14304	0.0942984

Fe2.4274	Fe4.7901	0.0939986
Fe2.3351	Fe2.9475	0.0939684
Fe4.12857	Fe6.5826	0.0939505
Fe5.7738	Fe6.4442	0.0939289
Fe1.11272	Fe3.953	0.0937166
Fe6.9979	Fe7.12766	0.0937023
Fe5.12976	Fe8.3548	0.0935474
Fe1.5954	Fe4.4841	0.0933592
Fe2.4858	Fe7.13040	0.0933362
Fe1.6231	Fe4.9493	0.0932649
Fe6.3830	Fe6.5237	0.0932451
Fe1.7569	Fe3.5823	0.0931441
Fe3.9164	Fe3.12316	0.0930697
Fe2.5091	Fe3.9164	0.093031
Fe1.2738	Fe4.5138	0.0929489
Fe2.8528	Fe7.11992	0.0928789
Fe3.6223	Fe8.8170	0.0927526
Fe3.12239	Fe7.1609	0.0924551
Fe4.12616	Fe8.7636	0.0924263
Fe5.3861	Fe8.3141	0.0923461
Fe1.6237	Fe2.3837	0.0923104
Fe3.13859	Fe4.3845	0.0922862
Fe3.4446	Fe8.592	0.0922518
Fe1.5093	Fe2.2699	0.0922482
Fe6.3565	Fe8.9045	0.0921821
Fe1.9252	Fe2.5091	0.0921755
Fe1.3697	Fe4.12857	0.0921712
Fe4.11628	Fe7.8406	0.0919888
Fe7.4048	Fe8.9922	0.0918232
Fe2.5091	Fe5.5777	0.0917858
Fe2.7834	Fe2.10262	0.0917358
Fe6.10845	Hic.scaffold.9.276	0.091642
Fe4.6828	Fe5.9970	0.0912208
Fe3.4048	Fe3.4473	0.0911998
Fe4.14401	Hic.scaffold.11.143	0.0911768
Fe1.14038	Fe1.14044	0.0911632
Fe6.2445	Fe7.829	0.0911093
Fe4.1967	Fe7.1599	0.0910966
Fe3.11907	Fe4.3348	0.0909996
Fe4.9665	Fe7.8092	0.0908834
Fe1.4197	Fe8.5081	0.0908644
Fe1.11272	Fe6.9618	0.0908169
Fe6.5826	Fe6.9754	0.0907907
Fe1.6237	Fe2.10387	0.090749
Fe1.3342	Fe1.10399	0.090709
Fe1.2609	Fe4.5982	0.0906199
Fe4.4895	Fe6.9798	0.0906182
Fe4.3245	Hic.scaffold.9.185	0.0905098
Fe1.4416	Fe3.9699	0.0904641
Fe2.1200	Fe2.11586	0.0904503
Fe2.11749	Fe7.3708	0.0904028
Fe3.4025	Fe7.12938	0.0903735
Fe2.11795	Fe8.10787	0.0903635
Fe2.9729	Fe7.3780	0.0902826
Fe3.4592	Fe7.5158	0.090254

Fe5.1728	Fe7.1181	0.0901943
Fe2.8511	Fe3.5642	0.0900555
Fe1.3329	Fe6.5140	0.089869
Fe1.9252	Fe4.5346	0.0897512
Fe4.14423	Hic.scaffold.11.123	0.0897173
Fe3.12062	Fe3.14084	0.0896914
Fe3.11999	Fe4.13450	0.0896317
Hic.scaffold.10.95	Hic.scaffold.9.789	0.0896237
Fe6.3010	Fe6.12184	0.0896178
Fe6.9306	Fe8.9707	0.0896085
Fe2.11486	Hic.scaffold.10.381	0.0896028
Fe1.2609	Fe4.5775	0.0896024
Fe3.5457	Fe3.9164	0.0895546
Fe2.8739	Fe8.7422	0.0895211
Fe5.1615	Fe5.1687	0.0893865
Fe3.1645	Fe3.2782	0.089357
Hic.scaffold.11.165	Hic.scaffold.11.229	0.089334
Fe4.4956	Fe7.13040	0.0893093
Fe2.10318	Fe6.5458	0.0890617
Fe1.978	Fe8.10466	0.0890425
Fe5.3926	Fe6.9201	0.0888365
Fe2.10223	Fe5.3527	0.0888136
Fe2.1467	Fe5.2878	0.0888135
Fe2.3351	Fe4.6031	0.0886499
Fe3.4025	Fe6.9754	0.088538
Fe1.3134	Fe6.4442	0.0885342
Fe4.11941	Fe8.1607	0.0884751
Fe7.11094	Fe8.1714	0.0883759
Fe2.2387	Fe8.10613	0.088335
Hic.scaffold.11.207	Hic.scaffold.11.237	0.0882055
Fe4.12327	Fe8.4653	0.0881826
Fe4.5982	Fe4.13103	0.0880749
Fe2.2699	Fe7.11617	0.0880097
Fe4.2097	Fe4.2975	0.0879998
Fe2.2699	Fe5.13997	0.0879752
Fe3.12055	Fe6.1916	0.0879256
Fe4.3845	Fe8.9707	0.0878727
Fe4.11443	Fe7.5672	0.0876125
Fe1.6237	Fe8.3970	0.0875955
Fe4.4895	Fe6.2639	0.0875736
Fe2.2699	Fe8.660	0.0875549
Fe4.14137	Hic.scaffold.11.339	0.0875409
Fe2.5091	Fe8.660	0.0875004
Fe1.2761	Fe8.8170	0.0874953
Fe6.9201	Fe7.11034	0.0874767
Fe8.9851	Hic.scaffold.13.149	0.0873469
Fe7.1700	Fe7.11158	0.0873013
Fe4.11816	Fe6.10824	0.0872045
Fe1.2609	Fe7.8092	0.0870671
Fe5.12976	Fe7.12938	0.0869831
Fe4.1697	Fe4.3245	0.0868981
Fe1.10399	Fe3.7763	0.0868857
Fe2.8546	Fe4.11755	0.0866953
Fe2.10387	Fe4.9665	0.0866439
Fe4.446	Fe5.1194	0.0866017

Fe6.3117	Fe7.11617	0.0864445
Fe1.3342	Fe2.3763	0.0863819
Fe2.8546	Fe4.5893	0.0863103
Fe1.2449	Fe8.3889	0.0860164
Fe4.14136	Hic.scaffold.11.300	0.0860009
Fe2.2699	Fe8.1607	0.0859013
Fe7.13040	Fe8.8179	0.0858497
Fe1.9942	Fe6.9241	0.0858431
Fe1.12775	Fe5.12976	0.0857915
Fe1.1379	Hic.scaffold.9.740	0.0857121
Fe1.512	Hic.scaffold.9.445	0.0856558
Fe3.10434	Fe5.3045	0.0856049
Fe1.5981	Fe6.9306	0.0855665
Fe4.6031	Fe7.5898	0.0854679
Fe4.14390	Hic.scaffold.11.154	0.0854169
Fe1.1389	Fe6.7446	0.0853783
Fe1.7433	Fe4.9590	0.0853523
Fe2.946	Fe8.3548	0.085338
Fe1.10253	Fe2.2089	0.085212
Fe1.8907	Fe2.8546	0.085184
Fe2.8546	Fe6.9201	0.085184
Fe6.7410	Fe8.4580	0.0851665
Fe6.1916	Fe6.7575	0.0849605
Fe3.12011	Fe3.13981	0.0848605
Fe4.11755	Fe5.6175	0.0848188
Fe2.8546	Hic.scaffold.9.679	0.0848013
Fe2.10846	Fe8.3548	0.0847466
Fe2.10387	Fe3.6223	0.0847043
Fe3.13859	Fe5.3045	0.0847012
Fe4.11941	Fe5.563	0.0846325
Fe2.3351	Fe5.10114	0.0845887
Fe5.10114	Fe6.10748	0.0845887
Fe6.9754	Hic.scaffold.9.878	0.0845651
Fe3.10664	Fe7.11617	0.0845351
Fe1.507	Hic.scaffold.9.413	0.0845
Fe2.11795	Fe4.8164	0.0843648
Fe6.7547	Fe7.3780	0.0842605
Fe7.869	Fe7.1661	0.0842489
Fe4.14422	Hic.scaffold.11.124	0.0842399
Fe5.3045	Fe6.6304	0.0842326
Fe2.5067	Fe3.8745	0.0840484
Fe1.7415	Fe3.2688	0.0840142
Fe1.5093	Fe8.3970	0.0838523
Fe1.11272	Fe4.11628	0.0837667
Fe2.12223	Fe5.3045	0.0837538
Fe3.3826	Fe8.10701	0.0837082
Fe8.7744	Fe8.9151	0.0836782
Fe2.12042	Fe3.12011	0.083588
Fe4.14420	Hic.scaffold.11.127	0.0835543
Fe5.3994	Fe8.6673	0.0832278
Fe4.5346	Fe8.9707	0.0831542
Fe1.4496	Fe3.9787	0.0830756
Fe4.8978	Fe8.7132	0.0829793
Fe4.9665	Fe8.3889	0.0828622
Fe3.1690	Fe5.3045	0.0828376

Fe4.10547	Fe6.12184	0.0828063
Fe1.973	Fe8.10471	0.0825221
Fe2.10387	Fe3.10434	0.0825181
Fe3.4025	Fe5.1875	0.08251
Fe3.6690	Fe5.6597	0.0824976
Fe2.8511	Fe3.12000	0.0823844
Fe2.4342	Fe6.9702	0.0823827
Fe3.9013	Fe8.7415	0.0823637
Fe3.12000	Fe6.9342	0.0823279
Fe1.11180	Fe7.6378	0.0821673
Fe2.2699	Fe6.9306	0.0821362
Fe2.1467	Fe6.11638	0.0819642
Fe6.7446	Fe7.11034	0.0819312
Fe1.6996	Fe4.5346	0.0818794
Fe2.3106	Fe8.2923	0.0817498
Fe3.12316	Fe6.3455	0.0815903
Fe6.3455	Fe7.11158	0.081552
Fe4.3845	Fe6.6304	0.0815273
Fe1.7583	Fe5.5553	0.0814453
Fe1.13804	Fe6.4883	0.0813919
Fe6.1916	Fe6.3468	0.0812964
Fe4.4956	Fe7.11034	0.0812796
Fe4.12700	Fe7.3708	0.0812459
Fe1.14035	Fe1.14046	0.0812457
Fe3.10434	Fe7.8092	0.0812095
Fe1.6219	Fe3.6435	0.0811975
Fe6.9306	Fe8.3548	0.0811119
Fe3.10717	Fe4.6031	0.081025
Fe6.1849	Fe6.7446	0.0810246
Fe7.11617	Fe8.3889	0.0808617
Fe5.2479	Fe6.3117	0.0808386
Fe1.6664	Fe5.10944	0.0806815
Fe3.4601	Fe5.3045	0.0806511
Fe2.5664	Fe5.6175	0.080586
Fe1.14083	Fe2.3745	0.0804707
Fe3.9201	Fe7.7284	0.0803975
Fe4.14134	Hic.scaffold.11.326	0.0803825
Fe4.14397	Hic.scaffold.11.147	0.0803665
Fe1.3697	Fe1.6237	0.0802319
Fe2.2693	Fe5.11538	0.0801974
Fe6.3323	Fe6.10824	0.0801648
Fe2.10223	Fe5.9792	0.0800675
Fe5.6175	Fe6.5237	0.0799811
Fe1.6586	Fe6.10845	0.0798295
Fe1.2738	Fe8.896	0.0798213
Fe2.8546	Fe7.11738	0.0796782
Fe1.4496	Fe8.5131	0.0796344
Fe4.3845	Fe7.4337	0.0794651
Fe1.14083	Fe2.3836	0.0794475
Fe3.11907	Fe6.4883	0.0793724
Fe2.13753	Fe5.1875	0.0793495
Fe2.11274	Fe2.13303	0.0792836
Fe6.9893	Fe6.10748	0.0792132
Fe1.10399	Fe7.13040	0.0791076
Fe1.10468	Fe6.9893	0.0790204

Fe3.1915	Fe4.749	0.0789181
Fe3.1690	Fe8.3970	0.0788502
Fe2.8309	Fe4.12367	0.0788089
Fe8.3985	Fe8.8979	0.0787711
Fe3.12055	Fe4.5609	0.0786871
Fe3.7931	Fe3.9164	0.0785112
Fe3.10717	Fe6.9201	0.0784561
Fe6.3468	Hic.scaffold.13.175	0.0783738
Fe1.5093	Hic.scaffold.9.212	0.0783578
Fe3.11990	Fe6.10845	0.0782633
Fe2.10262	Fe8.3970	0.0782117
Fe1.4496	Fe6.7446	0.0781739
Fe3.1700	Fe3.7763	0.0781238
Fe2.10262	Fe8.9575	0.0781084
Fe1.4599	Fe2.4342	0.0780714
Fe3.13832	Fe5.10625	0.0780549
Fe1.952	Fe8.10471	0.0778818
Fe2.11486	Fe5.13472	0.077875
Fe1.5546	Fe6.5237	0.0778702
Hic.scaffold.10.484	Hic.scaffold.12.248	0.0778119
Fe2.5091	Fe4.5775	0.0777398
Fe2.9558	Fe3.7931	0.077672
Fe6.3360	Fe8.9633	0.0776434
Fe2.4342	Fe5.7738	0.0776326
Fe2.9558	Fe5.1194	0.0776247
Fe6.9798	Fe7.11503	0.0775204
Fe2.8404	Fe2.10223	0.0773925
Fe3.1294	Hic.scaffold.17.26	0.0773398
Fe4.8164	Fe5.3994	0.0771785
Fe2.10503	Fe3.2803	0.0771282
Fe4.14147	Hic.scaffold.11.332	0.0770969
Fe3.9283	Fe3.10819	0.0770813
Fe4.11755	Fe7.11034	0.0769845
Fe2.10363	Fe2.13470	0.0769736
Fe1.9164	Fe6.9201	0.0769584
Fe4.14130	Hic.scaffold.11.344	0.07686
Fe3.1690	Fe6.3455	0.0768455
Fe4.11253	Fe6.10582	0.076832
Fe1.1001	Fe4.2866	0.0768317
Fe3.5642	Fe5.10636	0.076803
Fe6.3172	Fe7.12718	0.0767473
Fe4.3245	Fe4.3860	0.0766731
Fe3.1239	Hic.scaffold.15.117	0.0765773
Fe2.1094	Fe7.8406	0.0764249
Fe3.2317	Fe6.3323	0.0764119
Fe2.9362	Fe6.10405	0.0763316
Fe1.14083	Fe2.8546	0.0762806
Fe4.14385	Hic.scaffold.11.207	0.0762782
Fe3.9200	Fe6.10160	0.0762644
Fe2.10387	Fe5.1875	0.0762093
Fe3.14287	Fe3.14314	0.0761335
Fe5.6597	Fe5.10114	0.0760689
Fe1.13867	Fe4.4153	0.076011
Fe2.587	Hic.scaffold.12.260	0.0758946
Fe1.1603	Fe7.1548	0.0757923

Fe7.3878	Fe7.6981	0.0757418
Fe3.9164	Fe4.11941	0.0757168
Fe4.14130	Hic.scaffold.11.322	0.0756624
Fe5.10114	Fe6.2450	0.0756506
Fe1.4599	Fe5.10114	0.0755344
Fe5.13716	Hic.scaffold.10.540	0.0755108
Fe4.4041	Fe6.3172	0.0754295
Fe2.2699	Fe4.3845	0.0753807
Fe2.9558	Fe2.13000	0.0753439
Fe2.13589	Fe3.14107	0.0752572
Fe3.5312	Fe8.3970	0.0752114
Fe2.7803	Fe3.5823	0.0751859
Fe2.12770	Fe8.10698	0.0751525
Fe3.13859	Fe4.5346	0.0750073
Fe6.3419	Hic.scaffold.10.427	0.0749475
Fe4.11628	Fe5.3884	0.0749135
Fe6.7575	Hic.scaffold.9.268	0.0748509
Fe3.13999	Fe8.1859	0.0747798
Fe3.12316	Fe7.1700	0.0747757
Fe3.9488	Fe7.6262	0.074734
Fe3.9164	Fe5.2829	0.0747283
Fe2.8546	Fe3.12055	0.0746386
Fe4.4040	Fe5.3221	0.0745772
Fe1.984	Fe8.10460	0.0744912
Fe5.2385	Fe7.4931	0.0744903
Fe1.4261	Fe5.8845	0.0744747
Fe3.10434	Fe4.12616	0.0743998
Fe2.10326	Fe8.7379	0.0743585
Fe1.2292	Fe5.3199	0.0743282
Fe3.4025	Fe5.12976	0.0742362
Fe6.9306	Fe8.660	0.0741762
Fe2.4858	Fe4.5609	0.0741374
Fe2.5664	Fe3.1700	0.0741187
Fe3.1700	Fe4.11160	0.0741187
Fe6.2593	Fe7.3708	0.0740932
Fe2.11274	Fe2.12770	0.0740628
Fe8.3766	Fe8.9151	0.0740541
Fe7.5672	Fe7.11980	0.0738253
Fe4.4895	Fe8.7458	0.0738022
Fe5.12291	Fe6.9754	0.0737596
Fe1.941	Fe6.9806	0.0737041
Fe2.10503	Fe7.1843	0.0735618
Hic.scaffold.11.217	Hic.scaffold.11.228	0.0734176
Fe2.3763	Fe5.3926	0.0733651
Fe7.3354	Fe8.10698	0.0733466
Fe3.12854	Fe3.12937	0.0733067
Fe1.1414	Fe1.1441	0.0731994
Fe2.946	Fe2.10387	0.0731286
Fe2.2477	Fe4.14529	0.0731238
Fe3.9787	Fe6.9702	0.073047
Fe6.5458	Fe6.9342	0.0729942
Fe1.1415	Fe1.1440	0.0729888
Fe4.3845	Fe4.5775	0.072982
Fe1.7433	Fe6.9369	0.0729338
Fe6.10565	Fe7.3366	0.0728807

Fe6.2996	Fe7.1609	0.0728579
Fe3.11907	Hic.scaffold.9.886	0.0728467
Fe4.11755	Fe7.13040	0.072843
Fe3.4105	Fe6.11438	0.0726125
Fe1.5070	Hic.scaffold.9.185	0.0725669
Fe3.10717	Fe5.7545	0.0725342
Fe4.12616	Fe6.5447	0.0724497
Fe4.14418	Hic.scaffold.11.129	0.0724277
Fe3.1700	Fe4.6031	0.072329
Fe1.7433	Fe4.5893	0.0722785
Fe1.533	Hic.scaffold.9.474	0.0722591
Fe5.13236	Hic.scaffold.10.663	0.0722589
Fe1.1422	Fe7.3708	0.072171
Fe6.2997	Fe7.514	0.0719493
Fe1.2609	Fe4.11941	0.071924
Fe4.4956	Fe6.9893	0.0717394
Fe3.10434	Fe6.9306	0.0717293
Fe3.11907	Fe5.3884	0.0717234
Fe1.3182	Fe2.10632	0.0716885
Fe4.5775	Fe6.3117	0.0716708
Fe4.1042	Fe4.1101	0.071656
Fe2.11091	Fe5.13230	0.0716253
Fe2.9517	Fe4.12163	0.0716236
Fe1.4496	Fe1.12153	0.0714777
Fe1.5093	Fe5.2829	0.071337
Fe2.10262	Fe7.11617	0.0712949
Fe2.162	Fe4.5609	0.0712492
Fe2.2699	Fe4.3348	0.0711931
Fe2.10262	Fe5.12291	0.0711819
Fe2.10387	Fe2.12223	0.0710662
Fe1.2609	Fe6.9754	0.0710393
Fe4.3245	Fe6.9369	0.0709805
Fe5.1561	Fe5.1582	0.0709226
Hic.scaffold.14.196	Hic.scaffold.14.208	0.070783
Fe7.6262	Fe7.12618	0.0707586
Fe1.5093	Fe3.13859	0.0706926
Fe5.3994	Fe8.9197	0.0706677
Fe3.11907	Fe4.10255	0.0705536
Fe2.8546	Fe8.9714	0.0705378
Fe2.5091	Fe7.12938	0.0704709
Hic.scaffold.10.548	Hic.scaffold.12.236	0.0704606
Fe2.12223	Fe8.8170	0.0703367
Fe2.3836	Fe6.3565	0.0702635
Fe1.3134	Fe2.230	0.070174
Fe2.8362	Fe8.2819	0.0701477
Fe4.5609	Fe5.7545	0.0700171
Fe6.6304	Fe8.10787	0.0700146
Fe5.7545	Fe6.3468	0.0700114
Fe1.5981	Fe6.6304	0.0699744
Fe3.1846	Fe7.5428	0.069941
Fe6.1916	Fe7.11738	0.0697906
Fe2.5091	Fe5.1194	0.0697869
Fe6.11303	Fe8.4653	0.0697402
Fe4.6828	Fe5.5294	0.0697081
Fe6.5177	Fe7.1609	0.06962

Fe1.4496	Fe4.3104	0.0694754
Fe2.12223	Fe5.12976	0.0694225
Fe1.11146	Fe2.10363	0.069367
Fe1.10468	Fe6.3830	0.0693295
Fe3.9164	Fe4.5982	0.0693027
Fe3.5312	Fe5.5777	0.0692567
Fe5.13376	Fe8.7259	0.069182
Fe1.3134	Fe2.3351	0.069146
Fe3.6690	Fe7.12180	0.0690576
Fe5.2236	Fe5.2479	0.0690036
Fe1.12230	Fe2.122	0.0689709
Fe1.10153	Fe4.8568	0.0689523
Fe7.1609	Fe7.1761	0.0689476
Fe5.2034	Fe5.2094	0.0688891
Fe2.13753	Hic.scaffold.9.212	0.0688809
Fe3.9201	Fe3.12239	0.0687635
Fe2.9461	Fe2.9534	0.0687548
Fe5.12694	Hic.scaffold.9.229	0.0687306
Fe8.1607	Fe8.7636	0.0686846
Fe3.14290	Fe3.14309	0.0685965
Hic.scaffold.14.194	Hic.scaffold.14.210	0.0684579
Fe7.5158	Fe8.7059	0.0683929
Fe3.3551	Fe3.7928	0.0683701
Fe4.9493	Fe5.5553	0.0683537
Fe3.9283	Fe6.12237	0.0683259
Fe1.12230	Fe8.602	0.0683046
Fe2.13000	Fe4.5982	0.0683016
Fe1.505	Hic.scaffold.9.411	0.0681821
Fe1.4496	Fe2.4342	0.0681255
Fe4.5609	Fe5.7738	0.0680346
Fe6.5447	Fe6.9306	0.068006
Fe4.11755	Fe6.1916	0.0679827
Fe4.6136	Fe6.9754	0.067876
Fe4.5775	Fe6.6304	0.0678489
Fe1.9252	Fe5.3045	0.0677581
Fe3.5642	Fe7.3708	0.0677429
Fe4.2097	Fe7.833	0.0676793
Fe1.2609	Fe2.10262	0.067615
Fe5.6175	Fe6.3565	0.067586
Fe2.8302	Fe5.13376	0.067463
Fe7.3354	Fe7.11503	0.0674005
Fe1.985	Fe8.10459	0.0673148
Fe4.4606	Fe5.2834	0.0672853
Fe3.7763	Fe5.6175	0.0672478
Fe2.970	Fe4.5609	0.0672411
Fe4.12616	Fe7.11617	0.0672177
Fe2.11539	Fe7.4257	0.0671959
Fe4.3122	Fe4.8546	0.0670725
Fe2.11014	Fe6.3360	0.0670484
Fe3.12055	Fe5.7545	0.0670446
Fe4.11755	Fe6.10748	0.0670051
Fe2.11534	Fe6.11814	0.066983
Fe6.6383	Fe7.6262	0.0668836
Fe2.7834	Fe4.11628	0.0667061
Fe2.11801	Fe5.12756	0.0666699

Fe6.5619	Fe8.3889	0.0666372
Fe3.2994	Fe7.2438	0.0665973
Fe2.5091	Fe3.10664	0.0665754
Fe2.122	Fe7.11094	0.0665437
Fe5.1728	Hic.scaffold.9.886	0.0664956
Fe5.10114	Fe6.9369	0.0663338
Fe2.3745	Fe4.5609	0.0662102
Fe4.3245	Fe4.5609	0.0662102
Fe5.2479	Fe7.8092	0.0661201
Fe6.2384	Fe6.6317	0.0660932
Fe4.3845	Fe6.9306	0.0660669
Fe2.9994	Fe3.10664	0.0660011
Fe4.546	Fe8.6673	0.0659209
Fe2.2693	Fe6.2670	0.0658981
Fe6.2639	Fe8.9922	0.0658501
Fe3.6435	Fe5.6597	0.0657648
Fe2.11486	Fe5.12291	0.0656586
Fe1.6237	Fe8.9707	0.0656298
Fe1.2738	Fe4.12163	0.0654272
Fe3.10664	Fe7.8406	0.0653941
Fe1.952	Fe1.973	0.0653707
Fe6.11762	Fe7.8106	0.0653141
Fe1.10468	Fe8.5131	0.0653122
Fe1.2449	Fe1.6237	0.0652987
Fe6.5447	Fe7.8092	0.0650344
Fe2.10387	Fe8.3889	0.0649909
Fe2.10387	Fe3.11204	0.0649374
Fe1.972	Fe8.10472	0.0648809
Fe4.3924	Fe6.9342	0.0648137
Fe2.10262	Fe5.1875	0.0647858
Fe6.9201	Fe6.10748	0.0647815
Fe3.12055	Fe6.3565	0.064756
Fe5.3884	Fe8.3548	0.0646439
Fe1.2449	Fe2.10387	0.0645939
Fe2.3351	Fe6.3565	0.0645916
Fe1.9164	Fe2.3351	0.0645414
Fe5.1875	Fe8.10787	0.0644889
Fe6.2489	Fe7.2644	0.0644417
Fe2.4858	Fe5.7545	0.0644167
Fe1.12167	Hic.scaffold.10.253	0.0644115
Fe2.9558	Fe4.12787	0.0643714
Fe2.10846	Fe7.1700	0.0643696
Fe4.11628	Fe8.3766	0.0643133
Fe2.10387	Fe5.3994	0.064229
Fe2.8018	Hic.scaffold.9.229	0.0642069
Fe2.3763	Fe8.9714	0.0641671
Fe2.9477	Fe2.9544	0.0641075
Fe4.6852	Fe5.6597	0.0640714
Fe1.5103	Fe1.12052	0.0640531
Fe6.3565	Fe6.10748	0.0640039
Fe1.14640	Fe2.14309	0.0639309
Fe1.3501	Fe5.2479	0.0639085
Fe3.13859	Fe7.8092	0.0637064
Fe1.7433	Fe5.6175	0.0637006
Fe1.5070	Fe4.12297	0.0634896

Fe6.4477	Fe7.12490	0.0634792
Fe3.5312	Fe7.11617	0.0632586
Fe6.9618	Fe8.9707	0.0632199
Fe8.3889	Fe8.6673	0.0631508
Fe2.5664	Fe2.9475	0.063126
Fe3.6223	Fe6.3455	0.0630157
Fe2.8257	Fe2.10326	0.0629937
Fe2.9303	Fe2.10326	0.0629937
Fe7.4765	Fe7.6298	0.0628735
Fe2.12223	Hic.scaffold.10.381	0.0628583
Fe3.7931	Fe6.6304	0.062631
Fe4.10071	Fe7.10348	0.0625625
Fe1.2449	Fe6.3455	0.0625383
Fe2.10846	Fe6.1274	0.0625358
Fe1.3134	Fe2.12287	0.0625117
Fe3.14299	Fe3.14302	0.0624746
Fe1.5981	Fe4.12787	0.0624626
Fe3.7931	Fe3.11829	0.0624373
Fe1.9164	Fe6.10748	0.0624
Fe3.14275	Fe3.14322	0.0623884
Fe3.13859	Fe7.11617	0.062365
Fe4.835	Fe4.3845	0.0622304
Fe4.12297	Fe5.10114	0.0620746
Fe4.6852	Fe5.10114	0.0620496
Fe2.122	Fe5.11127	0.0620107
Fe6.10748	Hic.scaffold.9.268	0.0619961
Fe2.13472	Fe2.13487	0.0619944
Fe3.5823	Fe7.5943	0.0619065
Fe5.3994	Fe6.6304	0.0617974
Fe3.10664	Fe6.9618	0.0616654
Fe1.953	Fe8.10472	0.0615297
Fe1.6237	Fe6.9618	0.0614813
Fe2.4891	Fe6.9798	0.0614448
Fe1.551	Hic.scaffold.9.497	0.0614187
Fe1.7433	Fe6.9893	0.0613614
Fe4.1697	Fe7.5692	0.0612554
Fe2.9663	Fe4.5775	0.0612227
Fe4.5982	Fe8.3889	0.0611576
Fe4.12857	Fe5.12976	0.0610918
Fe4.14385	Hic.scaffold.11.158	0.0610558
Fe5.2281	Fe5.2358	0.0607497
Fe3.7763	Fe7.11738	0.0607472
Fe3.1915	Fe3.3617	0.0606872
Fe3.12055	Fe4.3104	0.0606738
Fe2.3886	Fe4.1577	0.0605214
Fe3.12842	Fe3.12922	0.0605214
Fe3.10434	Hic.scaffold.9.212	0.060491
Fe1.12259	Fe5.2729	0.0604665
Fe3.1297	Hic.scaffold.9.517	0.0604131
Fe3.884	Fe3.897	0.0602742
Fe3.10664	Fe8.6673	0.0602385
Fe3.1344	Fe6.10845	0.0602055
Fe2.122	Fe4.2834	0.0594682
Fe5.7786	Fe8.5255	0.0593997
Fe2.122	Fe4.2952	0.059387

Fe5.2017	Fe5.2070	0.059365
Fe1.3501	Fe5.5777	0.0590257
Fe1.957	Fe8.10474	0.0590132
Fe4.6136	Fe5.1194	0.0590002
Fe3.14278	Fe3.14320	0.058966
Fe4.4956	Fe8.664	0.0588409
Fe2.3702	Fe5.1671	0.0588333
Fe3.14290	Fe3.14331	0.058821
Fe5.7153	Fe5.7326	0.0587933
Fe4.5041	Fe4.11698	0.0587917
Fe3.14287	Fe3.14327	0.0586364
Fe2.5091	Fe4.6136	0.0585329
Fe2.5091	Fe5.3045	0.0585113
Fe5.1728	Fe7.11617	0.0584784
Fe2.10262	Fe3.10434	0.0583473
Fe2.3351	Fe4.13074	0.0582913
Fe1.9164	Fe5.10045	0.0581614
Fe1.9252	Fe8.6673	0.0581589
Fe6.5619	Fe8.3548	0.0581465
Fe2.8511	Fe6.9342	0.0581037
Fe2.3836	Fe4.4956	0.0580755
Fe1.3072	Fe6.9306	0.0580572
Fe4.3348	Fe4.5346	0.0580261
Fe1.2449	Fe4.5775	0.0578864
Fe7.12885	Fe8.4850	0.0577523
Fe2.7834	Fe7.8406	0.0577038
Fe4.14388	Hic.scaffold.11.155	0.0576913
Fe2.1149	Fe3.5312	0.057644
Fe1.9252	Fe8.9151	0.057544
Fe3.6435	Hic.scaffold.9.268	0.0575347
Fe1.14635	Fe2.14314	0.057528
Fe4.5346	Fe7.11158	0.0575062
Fe3.9904	Fe6.1878	0.0575028
Fe2.2699	Fe5.3884	0.057413
Fe2.3745	Fe6.3565	0.0574018
Fe1.947	Fe4.2952	0.0573807
Fe6.6304	Fe8.3766	0.0573711
Fe4.10255	Fe8.660	0.0573047
Fe2.8546	Fe4.6031	0.0572002
Fe1.7433	Fe4.11755	0.0571792
Fe1.9164	Fe6.9893	0.0571537
Fe2.11809	Hic.scaffold.13.188	0.057129
Fe4.835	Hic.scaffold.10.381	0.0570468
Fe2.8546	Fe8.5131	0.0568691
Fe3.10664	Fe8.3766	0.0568026
Fe6.9201	Fe8.4850	0.056729
Fe1.5546	Fe4.6031	0.0566744
Fe3.10921	Fe3.10995	0.0566651
Fe3.10079	Fe7.3998	0.0566413
Fe3.13098	Fe6.11438	0.0565272
Fe4.14137	Hic.scaffold.11.295	0.0564821
Fe6.4103	Fe7.11094	0.0563897
Fe2.2699	Fe5.2829	0.0561752
Fe3.9013	Fe5.11870	0.0561463
Fe2.8546	Fe2.11081	0.0561298

Fe4.9665	Fe7.1700	0.0560483
Fe2.11486	Fe6.9618	0.0559981
Fe5.3884	Fe8.9707	0.0558963
Fe3.13859	Fe8.9467	0.0558245
Fe4.11816	Fe6.3010	0.0558095
Fe4.3245	Fe5.7545	0.055788
Fe4.5609	Fe4.6031	0.0556829
Fe3.13859	Fe8.660	0.0556815
Fe3.12000	Fe5.24	0.0554593
Fe1.5981	Fe1.11272	0.0554145
Fe3.13544	Fe6.3172	0.0553239
Fe4.13650	Fe6.9618	0.0552161
Fe4.3884	Fe6.2269	0.0551997
Fe5.10636	Fe7.3708	0.0551472
Fe3.14291	Fe3.14332	0.0551294
Fe4.5346	Fe8.9197	0.0551248
Hic.scaffold.10.531	Hic.scaffold.12.236	0.0551159
Fe4.3845	Hic.scaffold.10.381	0.0551141
Fe4.5346	Fe8.9575	0.055093
Fe1.7853	Fe5.6781	0.0550665
Fe2.4858	Fe6.9369	0.0549674
Fe2.1149	Fe2.13753	0.0549612
Fe5.5777	Fe6.9618	0.0549134
Fe3.9283	Fe6.9201	0.0548686
Fe5.11188	Fe8.664	0.0548499
Fe4.5346	Fe8.3766	0.0547482
Hic.scaffold.10.103	Hic.scaffold.9.753	0.0547456
Fe3.14294	Fe3.14335	0.0547064
Fe7.11158	Fe8.3548	0.0546992
Fe4.5138	Fe5.9118	0.0546989
Fe2.10846	Fe6.3455	0.0546396
Fe2.7834	Fe4.5346	0.0545997
Fe6.6304	Fe6.9618	0.0544401
Fe3.11907	Fe4.5346	0.0544136
Fe2.10262	Fe6.5619	0.0543917
Fe5.4909	Fe7.8092	0.0542863
Fe3.13974	Fe7.1661	0.0541522
Fe1.5541	Fe3.9248	0.0541205
Fe1.3134	Fe2.970	0.0540933
Fe4.4041	Fe7.12718	0.0540788
Fe4.5609	Fe8.4850	0.0539909
Fe1.9252	Fe6.5140	0.0538899
Fe5.3926	Fe6.2573	0.0538763
Fe2.2123	Fe3.2317	0.0538761
Fe3.12055	Fe5.6175	0.0538399
Fe2.946	Fe7.8092	0.053669
Fe3.4025	Fe5.2829	0.053625
Fe2.7834	Fe3.4025	0.0535708
Fe4.14405	Hic.scaffold.11.119	0.0535511
Fe2.13468	Fe2.13489	0.0535432
Fe1.4599	Fe6.10748	0.0534928
Fe2.9558	Fe5.3884	0.0534837
Fe4.1101	Hic.scaffold.9.829	0.0531373
Fe1.2449	Fe6.9306	0.053109
Fe1.7433	Fe1.9164	0.0530954

Fe5.5617	Fe7.3878	0.0530835
Fe1.9252	Fe3.9164	0.0530826
Fe4.14187	Hic.scaffold.13.228	0.0530739
Fe1.14644	Fe2.14305	0.053029
Fe5.12291	Fe5.12976	0.0529403
Fe1.3031	Fe4.5775	0.0529346
Fe1.12153	Fe6.7446	0.0528982
Fe4.3924	Fe5.10636	0.0528159
Fe3.11829	Fe7.11158	0.0528127
Fe2.10387	Fe6.11633	0.0528087
Fe6.4874	Fe6.10405	0.0527922
Fe1.983	Fe8.10461	0.0527555
Fe4.14417	Hic.scaffold.11.130	0.0527229
Fe7.8092	Fe7.11617	0.0526181
Fe2.13753	Fe3.953	0.0525957
Fe2.946	Fe8.660	0.052559
Fe4.9665	Fe7.11617	0.0525289
Fe4.1221	Fe5.12694	0.0524604
Fe3.6690	Fe5.7738	0.0524385
Fe6.9306	Fe7.8406	0.0524274
Fe1.7819	Fe4.3122	0.0524207
Hic.scaffold.10.95	Hic.scaffold.9.765	0.0524083
Fe2.11486	Fe5.1194	0.0523743
Fe5.2021	Fe5.2074	0.0523732
Fe1.10014	Fe5.12158	0.05229
Fe2.4342	Fe4.3104	0.0522259
Fe8.660	Fe8.3766	0.0521905
Fe7.8092	Hic.scaffold.9.212	0.0521275
Fe1.1429	Fe1.1430	0.0520793
Fe6.1955	Fe6.2670	0.052062
Fe1.13867	Fe7.1054	0.0519525
Fe1.5546	Fe3.9283	0.0518627
Fe1.6237	Fe8.3766	0.0517311
Fe3.11040	Fe4.546	0.0513466
Fe8.2114	Fe8.3548	0.051301
Fe4.5775	Fe5.3884	0.0513
Fe4.12616	Fe6.5619	0.0512624
Fe8.660	Fe8.9151	0.0512541
Fe5.2969	Fe7.3651	0.0512396
Fe2.1149	Fe4.12857	0.0511687
Fe1.3342	Fe6.9893	0.0509789
Fe2.9663	Fe7.8092	0.050945
Fe1.5981	Fe6.4883	0.0508145
Fe2.10267	Fe5.7886	0.0506404
Fe3.12083	Fe6.10824	0.050567
Fe4.14358	Hic.scaffold.11.279	0.0504164
Fe2.2699	Fe8.9151	0.0503646
Fe3.953	Fe5.1875	0.0502667
Fe7.1700	Fe7.11617	0.0501326
Fe3.9201	Fe7.3552	0.0500541
Fe2.434	Hic.scaffold.9.806	0.0499355
Fe3.10434	Fe7.11617	0.049913
Fe4.5609	Fe4.11755	0.0498944
Fe1.5854	Fe3.4208	0.049865
Fe5.2045	Fe5.2104	0.0498251

Fe2.1149	Fe2.10262	0.0497184
Fe1.9164	Fe3.12055	0.0496638
Fe2.10846	Fe4.546	0.0496634
Hic.scaffold.9.765	Hic.scaffold.9.789	0.0496584
Fe1.945	Fe6.9803	0.0496267
Fe1.4755	Fe7.12276	0.0495703
Hic.scaffold.17.23	Hic.scaffold.9.517	0.0495385
Fe1.6237	Fe5.5777	0.0492797
Fe4.3860	Fe5.10045	0.0492134
Fe6.3470	Fe6.12295	0.0492122
Fe4.11628	Fe8.2114	0.0492066
Fe2.4891	Fe8.7458	0.0491297
Fe4.4956	Fe6.9201	0.0490414
Fe2.1621	Fe3.5749	0.048797
Fe5.12749	Fe7.3716	0.0487885
Fe1.2761	Fe4.3845	0.0486198
Fe3.6223	Fe6.9754	0.0485065
Fe2.5091	Fe3.5312	0.0483465
Fe2.9663	Fe6.9306	0.04831
Fe1.3441	Fe4.3752	0.0483071
Fe3.1294	Hic.scaffold.9.515	0.0482979
Fe1.3342	Fe8.664	0.0482742
Fe4.11755	Fe6.9893	0.0482704
Fe1.8907	Fe2.4858	0.0482666
Fe4.10255	Fe5.1728	0.0482247
Fe1.9164	Fe4.5893	0.0481696
Fe8.9117	Fe8.9175	0.0479411
Fe2.10262	Fe4.3845	0.0477932
Fe5.2018	Fe5.2071	0.047787
Fe1.544	Hic.scaffold.9.483	0.0477775
Fe5.12411	Fe6.1274	0.047732
Fe2.9036	Fe5.12809	0.0476111
Fe1.947	Fe1.13139	0.0475832
Fe2.9558	Fe4.835	0.0475761
Fe5.4909	Fe6.5447	0.0475244
Fe2.5664	Fe4.5609	0.0475163
Fe4.3901	Fe4.5609	0.0475163
Fe4.5609	Fe4.11160	0.0475163
Fe6.3565	Hic.scaffold.13.175	0.0474026
Fe4.835	Fe5.3884	0.047346
Fe6.2450	Fe6.10748	0.0471298
Fe3.1297	Hic.scaffold.17.4	0.0471045
Fe6.9306	Fe8.3766	0.0469715
Fe4.5893	Fe6.3565	0.0469283
Fe6.2450	Fe6.2573	0.046844
Fe8.3548	Fe8.10787	0.0468375
Fe1.5981	Fe5.1728	0.0467666
Fe7.3716	Hic.scaffold.11.359	0.0467029
Fe4.11941	Fe7.11158	0.0467
Fe4.5775	Fe8.9467	0.0466771
Fe2.9475	Fe3.9283	0.046593
Fe3.12055	Fe4.4956	0.0465839
Fe6.3455	Fe6.6304	0.0465248
Fe5.12268	Hic.scaffold.9.288	0.0464853
Fe1.5981	Fe5.12411	0.0464458

Fe1.4946	Fe5.12066	0.0464112
Fe2.9036	Fe8.7419	0.0463769
Fe1.5070	Fe2.8546	0.0463007
Fe5.3045	Fe8.1607	0.046277
Fe1.9252	Fe7.11617	0.0462296
Fe1.953	Fe1.972	0.0461963
Fe2.10262	Fe2.10846	0.0460717
Fe2.9414	Fe4.13074	0.0460394
Fe5.3646	Fe8.7167	0.0459274
Fe3.11040	Fe4.5775	0.0459248
Fe4.3860	Fe4.13074	0.0458847
Fe3.9283	Fe4.4956	0.0458622
Fe4.11698	Fe6.7410	0.0458605
Fe1.6237	Fe8.9197	0.0457568
Fe3.14280	Fe3.14318	0.0457195
Fe7.11094	Fe8.864	0.0457139
Fe7.11158	Fe8.660	0.0456943
Fe3.1242	Hic.scaffold.15.120	0.045664
Fe3.5312	Fe8.9467	0.0456574
Fe5.12460	Fe7.3354	0.0456116
Fe2.10503	Fe3.3617	0.0456042
Fe2.281	Fe6.3010	0.0455533
Fe1.6237	Fe2.12223	0.0455301
Fe2.946	Fe8.8170	0.0454624
Fe2.3836	Fe3.10079	0.045449
Fe2.497	Fe7.8389	0.0453246
Fe4.5775	Fe8.9197	0.0453141
Fe3.7763	Fe4.11755	0.0452902
Fe4.1092	Hic.scaffold.9.826	0.0452461
Fe1.2162	Fe7.770	0.0450402
Fe3.7763	Fe4.4956	0.0449715
Fe1.547	Hic.scaffold.9.486	0.0448002
Fe1.7433	Fe3.2013	0.044768
Fe3.5312	Fe8.6673	0.0447592
Fe2.10751	Fe2.12867	0.0446776
Hic.scaffold.17.25	Hic.scaffold.9.516	0.0446719
Fe4.5775	Fe7.8092	0.0444993
Fe4.6031	Hic.scaffold.13.175	0.0444876
Fe4.3845	Fe6.3455	0.0444649
Fe2.946	Fe5.5777	0.0444645
Fe5.2829	Hic.scaffold.10.212	0.044413
Fe3.14451	Fe4.5609	0.044398
Fe1.5093	Fe7.8092	0.0443278
Fe4.5893	Fe4.11755	0.0442677
Fe4.5609	Fe6.9369	0.0442232
Fe2.10387	Fe5.4566	0.0442015
Fe2.9994	Fe5.13472	0.0441096
Fe4.5609	Fe8.9714	0.0440819
Fe5.1994	Fe5.2061	0.0439995
Fe6.10643	Fe8.7419	0.0439901
Fe3.10926	Fe3.10987	0.0437993
Fe3.4601	Fe8.1607	0.0437849
Fe1.5093	Fe2.9663	0.0436322
Fe1.969	Fe8.10475	0.0435544
Fe1.5728	Fe3.5958	0.0435341

Fe6.1916	Fe6.9893	0.0435294
Fe1.6520	Fe3.3682	0.0432853
Fe4.3860	Fe5.11188	0.0432749
Fe3.13859	Fe8.6673	0.0432274
Fe3.10079	Fe6.5237	0.0431269
Fe3.12008	Fe3.13980	0.0431209
Fe4.5982	Fe4.10255	0.0430753
Fe2.9663	Fe3.11040	0.0430456
Fe6.9369	Fe6.12237	0.0430134
Fe4.6852	Fe5.10045	0.0429028
Fe4.6031	Fe5.3926	0.042897
Fe3.10717	Fe7.12885	0.0428957
Fe4.4956	Fe5.7738	0.0428808
Fe3.4025	Fe3.4601	0.0428471
Fe3.11907	Fe8.3548	0.042839
Fe1.957	Fe1.971	0.0428095
Fe1.5546	Fe6.9893	0.0427764
Fe2.11081	Fe8.11989	0.0427499
Fe4.6031	Fe5.7545	0.0427232
Fe4.835	Fe5.1728	0.0427133
Fe5.3045	Fe5.13472	0.0426729
Fe7.5828	Fe7.11888	0.0426618
Fe2.4858	Fe4.11755	0.0426581
Fe2.9414	Fe3.10819	0.0425981
Fe2.447	Hic.scaffold.9.801	0.0425952
Fe3.10819	Fe4.5609	0.0425726
Fe5.11127	Fe8.602	0.0425533
Fe3.13859	Fe5.1728	0.0425449
Fe1.3501	Fe8.660	0.0424865
Fe6.9306	Fe7.11617	0.0424347
Fe5.1194	Fe6.6304	0.0424199
Fe5.7738	Fe8.4850	0.0423874
Fe2.11387	Fe5.7738	0.042346
Fe4.3245	Fe5.7738	0.042346
Fe2.3837	Fe8.9707	0.0422879
Fe1.964	Fe8.10478	0.0421576
Fe1.8907	Fe6.5237	0.0421002
Fe2.12770	Fe8.7419	0.0420714
Fe4.13144	Fe6.3565	0.0420449
Fe3.4025	Fe5.1728	0.0420172
Fe1.5981	Fe2.12734	0.0420158
Fe1.3501	Fe4.5775	0.0419765
Fe4.6031	Fe4.11160	0.0419469
Fe5.2050	Fe5.2115	0.0418872
Fe5.12591	Fe6.9893	0.041874
Fe1.8907	Fe2.3836	0.0418487
Fe1.8907	Fe8.664	0.0418487
Fe3.953	Hic.scaffold.10.381	0.0417935
Fe4.11755	Fe5.7545	0.041734
Fe8.9112	Fe8.9183	0.041671
Fe1.9252	Fe6.9754	0.0415729
Fe1.4261	Fe5.9970	0.0415512
Fe4.14188	Hic.scaffold.13.227	0.04155
Fe2.10262	Fe5.3884	0.0415133
Fe2.13478	Fe2.13483	0.0414657

Fe1.8907	Fe8.4850	0.0414359
Fe1.949	Fe1.978	0.0414291
Fe1.3441	Fe5.5617	0.0414085
Fe1.3072	Fe2.946	0.0413871
Fe3.5958	Fe6.10339	0.0413272
Fe1.3342	Fe2.12287	0.0412582
Fe4.4956	Fe8.9714	0.0412295
Fe3.9787	Hic.scaffold.9.268	0.0412174
Fe8.1607	Fe8.10787	0.0410392
Fe3.14286	Fe3.14326	0.0409198
Fe3.7931	Fe6.9618	0.0409145
Fe1.501	Hic.scaffold.9.409	0.0408452
Fe1.959	Fe1.968	0.0407981
Fe1.959	Fe8.10476	0.0407981
Fe2.10715	Fe7.882	0.040758
Fe5.3642	Fe8.7170	0.0407331
Fe3.7835	Fe7.6390	0.0406688
Fe2.1149	Fe3.9164	0.0406544
Fe2.8546	Fe7.5898	0.0406351
Fe1.9769	Fe1.13158	0.0406158
Fe4.5982	Fe6.6304	0.040597
Fe5.4921	Fe7.8284	0.040461
Fe2.3745	Fe4.3860	0.0404593
Fe3.7763	Fe6.9201	0.0404436
Fe2.11919	Fe3.5958	0.0403654
Fe8.10787	Hic.scaffold.9.886	0.0403498
Fe4.9665	Fe6.9754	0.0403318
Fe1.14083	Fe7.5692	0.0403016
Fe1.1655	Hic.scaffold.10.292	0.0402904
Fe1.6237	Fe3.4025	0.0402772
Fe4.6031	Fe6.9702	0.0402572
Fe6.11588	Fe7.5938	0.0402398
Fe4.14391	Hic.scaffold.11.153	0.0402196
Fe5.5777	Fe6.9754	0.0402164
Fe1.2449	Fe4.9665	0.0402019
Fe3.11804	Fe8.8543	0.0401145
Fe4.14405	Hic.scaffold.11.139	0.0400629
Fe3.5771	Fe4.7901	0.040008
Fe3.1952	Fe6.2633	0.0399751
Fe1.8907	Fe7.11738	0.0399228
Fe2.1149	Fe7.11617	0.0398595
Fe3.10079	Fe6.12237	0.0398179
Fe3.2273	Fe7.1579	0.0397191
Fe1.4599	Fe4.1697	0.0396883
Fe2.7834	Fe3.11907	0.0392458
Hic.scaffold.9.783	Hic.scaffold.9.786	0.0391909
Fe2.11486	Fe5.2829	0.0390438
Fe4.14139	Hic.scaffold.11.336	0.038886
Fe2.5091	Fe6.9306	0.0387476
Fe1.7273	Fe2.4891	0.0387
Fe3.882	Fe3.902	0.038621
Fe3.9164	Fe8.3548	0.0384149
Fe3.180	Fe3.13578	0.0382678
Fe1.13181	Fe2.9240	0.0382525
Fe2.12716	Fe7.1509	0.0382331

Fe3.1243	Hic.scaffold.15.121	0.0381825
Fe6.6304	Fe8.6673	0.0381599
Fe6.9618	Hic.scaffold.9.886	0.0381469
Fe2.12535	Fe2.12548	0.038146
Fe2.11486	Fe8.7744	0.0380988
Fe1.4261	Fe2.7559	0.0380796
Fe3.3622	Fe7.5158	0.0380357
Fe4.14396	Hic.scaffold.11.148	0.0380063
Fe2.11586	Fe5.12809	0.0379849
Fe6.6139	Fe7.4956	0.0378965
Fe7.1974	Fe8.9707	0.0378244
Fe4.14404	Hic.scaffold.11.140	0.0378187
Fe2.1149	Fe5.563	0.0377736
Fe6.3455	Fe8.9707	0.0377086
Fe4.5982	Fe8.3766	0.0376989
Fe5.3994	Fe6.5619	0.0376242
Fe1.6237	Fe4.5982	0.0375838
Fe2.7940	Fe7.1548	0.0374729
Fe1.12153	Fe8.5131	0.0374611
Fe1.3329	Fe8.6673	0.0374585
Fe1.9252	Fe8.3970	0.0374065
Fe5.12809	Fe7.2566	0.0373637
Fe8.9125	Fe8.9167	0.0373054
Fe2.3837	Fe8.3548	0.0371709
Fe2.11486	Fe4.5982	0.0371068
Fe1.5093	Fe4.546	0.0370275
Fe5.3926	Fe5.7545	0.037016
Fe6.9754	Fe8.3970	0.0370063
Fe7.1700	Fe8.1607	0.0369898
Fe6.8105	Fe7.2700	0.036956
Fe3.4601	Fe7.4337	0.0368906
Fe1.3501	Fe2.1094	0.0368697
Fe4.5982	Fe8.1607	0.0368586
Fe2.4858	Fe4.5893	0.0367958
Fe1.9252	Fe6.11633	0.0367748
Fe5.2283	Fe5.2354	0.0367561
Fe3.355	Fe5.7	0.0366295
Fe4.2056	Fe8.7259	0.0365431
Fe2.11274	Fe8.10698	0.036497
Fe4.4882	Fe6.9308	0.0364797
Fe4.1075	Fe4.1078	0.0364415
Fe4.6136	Fe6.3455	0.0364032
Fe1.8656	Fe3.8745	0.0363371
Fe3.7214	Fe6.6139	0.0362326
Fe1.3771	Fe5.5294	0.0361983
Fe3.4679	Fe3.5958	0.03618
Fe1.4599	Fe6.2450	0.0360716
Fe3.4601	Fe6.5447	0.0359748
Fe1.655	Fe2.11586	0.0359047
Fe4.5775	Fe7.11617	0.0358973
Fe3.12055	Hic.scaffold.9.185	0.0358536
Fe1.2940	Fe6.11190	0.0358391
Fe3.1700	Fe6.3468	0.0357953
Fe4.5982	Fe7.8406	0.03577
Fe2.11486	Fe6.11633	0.035668

Fe6.9754	Fe8.660	0.0354869
Fe1.5981	Fe4.5982	0.0354809
Fe3.6435	Fe3.12055	0.0354535
Fe4.1055	Fe4.1094	0.0353778
Fe7.13197	Fe8.1236	0.035344
Fe6.9618	Fe8.2114	0.035327
Fe6.9893	Fe7.11034	0.0352652
Fe2.9475	Hic.scaffold.13.175	0.0352455
Fe1.3342	Fe5.3926	0.0351752
Fe4.1044	Fe4.1098	0.035165
Fe2.9994	Fe8.9467	0.035078
Fe5.12976	Fe8.10787	0.0349357
Fe5.13230	Fe6.2639	0.0348886
Fe4.14117	Hic.scaffold.11.307	0.0345845
Fe3.10717	Fe8.9714	0.0345398
Fe3.9164	Fe3.10664	0.0345246
Fe4.6031	Fe6.3468	0.034502
Fe6.11438	Fe7.12490	0.0341847
Fe6.9754	Fe8.3889	0.0341754
Fe2.162	Fe5.11188	0.0341342
Fe8.9131	Fe8.9163	0.0341052
Fe4.705	Hic.scaffold.9.873	0.0341049
Fe4.14134	Hic.scaffold.11.342	0.0340625
Fe1.6237	Fe4.12857	0.0340035
Fe3.5312	Fe6.9306	0.0339829
Fe3.9283	Fe5.7738	0.0339204
Fe2.10846	Fe4.12616	0.0338991
Fe2.5664	Fe6.3565	0.0337782
Fe3.1662	Fe3.7931	0.0337566
Fe3.6026	Fe7.6677	0.0337351
Fe1.14083	Fe4.11755	0.033703
Hic.scaffold.11.159	Hic.scaffold.11.236	0.0335679
Fe1.12230	Fe3.8730	0.0335418
Fe1.3342	Fe3.10717	0.0335217
Fe1.9252	Fe4.8164	0.0335068
Fe2.4891	Fe3.10462	0.0334898
Hic.scaffold.9.676	Hic.scaffold.9.692	0.0334569
Fe1.12491	Fe1.12797	0.0333444
Fe3.13015	Fe7.12885	0.033318
Fe2.11091	Fe4.4895	0.0332907
Fe2.11810	Hic.scaffold.13.189	0.0332323
Fe1.8907	Fe6.9369	0.0331953
Fe2.12519	Fe2.12558	0.0331646
Fe2.5664	Fe5.7545	0.0331168
Fe4.1100	Hic.scaffold.9.828	0.0331044
Fe3.2013	Fe6.9369	0.0330807
Fe2.446	Hic.scaffold.9.802	0.0330795
Fe4.5346	Fe6.9306	0.033013
Fe5.12759	Fe6.3883	0.0329532
Fe4.5982	Fe6.9618	0.0328826
Fe4.13650	Fe8.10787	0.0328817
Fe4.2834	Fe7.11094	0.0328319
Fe2.5091	Fe5.13472	0.0323718
Fe3.11204	Fe6.11633	0.0323108
Fe2.10846	Fe5.1875	0.032187

Fe6.9754	Fe8.9151	0.0321035
Fe8.9124	Fe8.9168	0.031894
Fe1.7606	Fe8.4550	0.0317982
Fe2.3836	Fe4.5893	0.0317743
Fe6.5237	Fe7.11034	0.0317292
Fe3.1300	Hic.scaffold.17.1	0.0317077
Hic.scaffold.17.1	Hic.scaffold.9.538	0.0317077
Fe1.938	Fe6.9810	0.0316594
Fe2.1149	Fe6.5619	0.0316266
Fe1.3342	Fe2.162	0.0315959
Fe2.10262	Fe3.5312	0.0315954
Fe4.1057	Fe4.1090	0.0315573
Fe1.10195	Fe4.8463	0.0314649
Fe3.13974	Fe4.2975	0.0313411
Fe5.1564	Fe5.1580	0.0312521
Fe3.10664	Fe8.9707	0.0312441
Fe3.3808	Fe3.3853	0.0312116
Fe3.6435	Fe6.5237	0.0311856
Fe4.9493	Fe6.9342	0.0311805
Fe1.988	Fe8.10457	0.0311543
Fe4.14416	Hic.scaffold.11.131	0.0311154
Fe1.13179	Fe3.14491	0.0309506
Fe5.2946	Fe5.13426	0.0308554
Fe1.3503	Fe5.7659	0.0307799
Fe3.12055	Fe4.12297	0.0307715
Fe1.3342	Fe5.7545	0.0306949
Fe2.2693	Fe6.5177	0.0304829
Fe2.1094	Fe6.1274	0.0304683
Fe6.9798	Fe8.7419	0.0304666
Fe4.4956	Fe4.11755	0.0304496
Fe1.5093	Fe3.9164	0.0303966
Fe2.10262	Fe8.660	0.0303367
Fe1.979	Fe8.10465	0.0301904
Fe1.13435	Hic.scaffold.9.895	0.030109
Fe1.3163	Fe6.2758	0.0300893
Fe5.3884	Fe8.9151	0.0300654
Fe8.9467	Fe8.10787	0.0299841
Fe6.5447	Fe7.8406	0.0299794
Fe8.9130	Fe8.9164	0.0299541
Fe5.3884	Hic.scaffold.9.886	0.0297414
Fe3.5312	Fe4.5346	0.0297367
Fe1.12230	Fe5.11127	0.0297261
Fe8.9114	Fe8.9177	0.0297074
Fe2.5091	Fe6.3455	0.0295422
Fe1.14083	Fe8.8746	0.0295025
Fe4.1098	Hic.scaffold.9.827	0.0295023
Fe5.12366	Fe8.7559	0.0294683
Fe3.10079	Fe7.12885	0.0294654
Fe2.10781	Fe2.13470	0.0294187
Fe6.9369	Fe8.4850	0.0293602
Fe1.13425	Fe4.9665	0.0293599
Fe4.13650	Fe5.13472	0.0293296
Fe5.1194	Fe5.2829	0.0293282
Fe1.7433	Fe7.5692	0.0293214
Fe3.887	Fe3.896	0.029174

Fe7.1700	Fe7.4337	0.0291634
Fe6.4883	Fe7.1700	0.0291322
Fe2.9994	Fe8.3766	0.0291292
Fe8.9135	Fe8.9159	0.0290938
Fe1.5093	Fe2.3837	0.0290427
Fe3.2571	Fe4.2781	0.0290295
Fe3.14451	Fe7.12885	0.0289837
Fe3.9164	Fe7.8092	0.0289138
Fe7.11497	Fe8.4018	0.0286279
Fe4.6031	Fe5.8510	0.0284802
Fe4.5775	Fe8.3766	0.0284284
Fe1.9164	Fe4.6031	0.0283917
Fe6.9798	Fe6.10643	0.0283719
Fe4.12616	Fe6.3455	0.0283603
Fe3.10079	Fe5.12591	0.0283564
Fe7.11617	Fe8.3766	0.0283444
Fe4.3860	Fe7.12885	0.0282856
Fe4.5893	Fe6.5237	0.028217
Fe6.5619	Fe7.8092	0.0282103
Fe1.3329	Fe3.5312	0.0282091
Fe3.10664	Fe5.3994	0.028141
Fe4.6031	Fe8.9045	0.0281005
Fe1.8907	Fe4.6031	0.0280601
Fe2.11081	Fe4.4956	0.0279844
Fe5.9970	Fe8.2923	0.0279424
Fe1.6219	Fe3.12055	0.0279261
Fe1.6237	Fe4.8164	0.027908
Fe4.12297	Fe6.9201	0.0278111
Fe3.10924	Fe3.10994	0.0278034
Fe5.2829	Fe6.11633	0.0278022
Fe1.8907	Fe4.3901	0.0277972
Fe3.13859	Fe5.3884	0.0277935
Fe1.9164	Fe1.14083	0.0277424
Fe4.5346	Fe6.2941	0.027721
Fe3.14240	Fe8.10701	0.0276915
Fe2.11081	Fe4.3245	0.0276891
Fe2.11081	Fe8.664	0.0276891
Fe2.3745	Fe2.11081	0.0276891
Fe3.12055	Fe4.6031	0.0275814
Fe3.10462	Fe8.10698	0.0275044
Fe5.2038	Fe5.2099	0.0274655
Fe1.4962	Fe1.5011	0.0274555
Fe4.6031	Fe5.11188	0.027452
Fe1.5546	Fe3.9787	0.0274424
Fe4.14398	Hic.scaffold.11.146	0.0273236
Fe6.3455	Fe7.1974	0.0273082
Fe2.5091	Fe5.3884	0.0273035
Fe2.8546	Fe3.6690	0.0272997
Fe3.13542	Fe6.3170	0.0272996
Fe2.466	Hic.scaffold.11.346	0.0272304
Fe2.11808	Hic.scaffold.13.187	0.0271867
Fe3.1483	Fe5.13154	0.0271172
Fe1.2449	Fe1.12775	0.0270063
Fe3.953	Fe5.2829	0.0269953
Fe6.3455	Fe6.4883	0.0268456

Fe4.9665	Fe8.10787	0.0268314
Fe5.11188	Fe6.9369	0.0268174
Fe6.5447	Fe8.9467	0.0267153
Fe4.4881	Fe6.9309	0.026714
Fe1.3329	Hic.scaffold.10.381	0.0266299
Fe1.12095	Fe7.3455	0.0264641
Fe4.9860	Fe7.11757	0.0263812
Fe2.1657	Fe8.2546	0.0263414
Fe1.14637	Fe2.14312	0.026312
Fe2.13462	Fe2.13497	0.026298
Fe2.162	Fe2.12287	0.0262596
Fe4.14126	Hic.scaffold.11.315	0.02621
Hic.scaffold.11.111	Hic.scaffold.11.238	0.0262029
Fe1.14413	Fe6.2450	0.0260336
Fe5.1619	Fe5.1672	0.0259258
Fe4.14395	Hic.scaffold.11.149	0.0258013
Fe1.9164	Fe4.6852	0.0256198
Fe5.3884	Fe8.3766	0.0255682
Fe3.9164	Fe6.5619	0.0255356
Fe2.7834	Fe8.3548	0.0255124
Fe3.4601	Fe6.11633	0.0254244
Fe2.11486	Fe3.9164	0.0254182
Fe3.14451	Fe6.10748	0.0253253
Fe1.958	Fe1.969	0.0253141
Fe1.4975	Fe1.5046	0.0252802
Fe2.3837	Fe5.3884	0.0251777
Fe3.3805	Fe3.3866	0.0251426
Fe5.3884	Fe6.3455	0.0251284
Fe2.3351	Fe4.3860	0.0250691
Fe5.2019	Fe5.2072	0.0249416
Fe3.3807	Fe3.3855	0.0249022
Fe1.3501	Fe6.9754	0.0248332
Fe5.13472	Fe8.9197	0.0248197
Fe6.9702	Hic.scaffold.9.268	0.0247794
Fe1.7273	Fe6.9798	0.0247291
Fe1.982	Fe8.10462	0.0246985
Fe1.7575	Fe6.10582	0.0246444
Hic.scaffold.10.85	Hic.scaffold.9.816	0.0246171
Fe2.13463	Fe2.13496	0.0246106
Fe5.3884	Fe7.1700	0.0244924
Fe5.3884	Fe7.11617	0.024486
Fe7.1682	Fe8.5066	0.0244841
Fe1.3134	Fe6.9369	0.0244757
Fe6.9306	Fe8.1607	0.0244374
Fe2.12287	Fe6.10748	0.0244231
Fe1.9164	Fe6.3565	0.0243683
Fe3.1845	Fe7.5429	0.0243361
Fe5.10114	Fe6.3468	0.0242333
Fe1.12153	Fe2.8546	0.0242328
Fe6.3565	Fe6.5237	0.0241581
Fe5.13472	Fe7.11617	0.0241517
Fe1.958	Fe8.10475	0.0241111
Fe5.7738	Fe6.9893	0.0241081
Fe4.14531	Fe7.1548	0.0241052
Fe2.3106	Fe5.9970	0.0239872

Fe1.535	Hic.scaffold.10.7	0.0239
Fe4.13144	Fe5.1514	0.0238901
Fe2.9302	Fe8.11145	0.0238808
Fe3.962	Fe4.1967	0.0238256
Hic.scaffold.10.92	Hic.scaffold.9.750	0.0237901
Fe1.2449	Fe6.5447	0.0237694
Fe1.3329	Fe2.3837	0.0237348
Fe3.9164	Fe6.9306	0.0237246
Fe1.2302	Fe3.13641	0.023708
Fe4.6852	Fe6.9369	0.0236073
Fe4.14386	Hic.scaffold.11.111	0.0235967
Fe3.1295	Hic.scaffold.17.25	0.0235664
Fe4.14131	Hic.scaffold.11.323	0.0234944
Fe4.5982	Fe8.10787	0.0233474
Fe6.4883	Hic.scaffold.9.212	0.0233203
Fe1.3501	Fe6.9618	0.0232566
Fe6.9754	Fe7.11617	0.023202
Fe4.14392	Hic.scaffold.11.152	0.023167
Fe1.3342	Fe6.9369	0.0231092
Fe3.8730	Fe4.2834	0.0231087
Fe3.13974	Fe7.833	0.0230506
Fe2.5091	Fe3.4601	0.0230284
Fe5.1194	Hic.scaffold.9.212	0.022989
Fe2.5091	Fe6.9618	0.0229259
Fe1.5652	Fe4.6031	0.0228936
Fe6.1955	Fe8.8017	0.0228501
Fe4.5893	Fe5.3926	0.0228461
Fe6.9618	Fe8.3766	0.0228295
Fe6.9798	Fe8.7458	0.0228275
Fe5.3748	Fe6.4103	0.0228033
Fe2.5091	Fe4.5982	0.0227649
Fe2.5091	Fe6.5447	0.0226934
Fe5.13717	Hic.scaffold.10.539	0.0226005
Fe4.14379	Hic.scaffold.11.198	0.022576
Fe5.1563	Fe5.1581	0.0225464
Fe2.11081	Fe6.3565	0.0225347
Fe4.3860	Hic.scaffold.14.55	0.0224861
Fe2.10262	Fe6.9754	0.0224617
Fe1.2449	Fe4.8164	0.0224364
Fe4.13144	Fe6.10748	0.0224193
Fe5.1728	Fe7.4337	0.0223925
Fe6.9754	Fe7.1700	0.0223775
Fe6.9306	Fe6.9754	0.0222815
Fe4.6688	Fe4.8875	0.0222605
Fe4.5346	Fe8.3548	0.0222148
Hic.scaffold.10.96	Hic.scaffold.9.796	0.0220262
Fe1.12259	Fe8.4653	0.0219977
Hic.scaffold.10.7	Hic.scaffold.9.478	0.0218601
Fe3.13015	Fe8.11989	0.0218173
Fe2.13461	Fe2.13498	0.0216856
Fe1.508	Hic.scaffold.9.414	0.0216476
Fe2.11944	Hic.scaffold.13.196	0.0215828
Fe3.1303	Hic.scaffold.9.522	0.0215201
Fe5.2829	Fe6.5447	0.02141
Fe4.3348	Fe6.9618	0.0214051

Fe3.1690	Fe6.9618	0.0213377
Fe4.14531	Fe5.7	0.0213244
Fe2.9471	Fe2.9543	0.0211583
Fe2.10262	Fe6.3455	0.021137
Fe5.1632	Fe5.1644	0.0211274
Fe1.9978	Fe8.8727	0.0209982
Fe1.3329	Fe2.10262	0.0209388
Fe4.9665	Fe6.9618	0.0208575
Fe2.3351	Fe6.10748	0.0208454
Fe4.14421	Hic.scaffold.11.126	0.0208137
Fe1.3501	Fe6.9306	0.0207824
Fe3.14451	Fe4.3860	0.0207386
Fe1.3329	Fe2.13753	0.020725
Fe3.1175	Hic.scaffold.15.114	0.020655
Fe3.9763	Fe4.3230	0.0205801
Fe4.5346	Fe6.9754	0.0205533
Fe3.1300	Hic.scaffold.9.520	0.0205247
Fe1.3134	Fe6.9201	0.0204929
Fe3.10079	Fe6.9369	0.0204712
Fe3.1244	Hic.scaffold.9.190	0.0203794
Fe1.3329	Fe6.9754	0.0203622
Fe6.11571	Fe7.1150	0.0203292
Fe7.13184	Fe8.1244	0.020274
Fe2.8546	Fe4.3104	0.0202072
Fe2.8546	Fe3.1700	0.0202055
Fe3.10664	Fe4.5982	0.0201777
Fe1.2449	Fe2.10846	0.0201243
Fe3.1244	Hic.scaffold.15.122	0.0200894
Fe6.9369	Fe8.664	0.0200551
Fe5.1103	Fe7.10938	0.0199776
Fe4.11941	Fe6.5447	0.0199752
Hic.scaffold.10.69	Hic.scaffold.9.809	0.0199189
Fe3.495	Fe6.923	0.0198545
Fe1.539	Hic.scaffold.10.15	0.0197557
Fe2.9994	Fe6.9618	0.0197409
Fe2.2283	Fe3.1438	0.01973
Fe2.3087	Fe2.10879	0.0197236
Fe4.2952	Fe6.4103	0.0196609
Fe3.14276	Fe3.14321	0.0196356
Fe5.1566	Fe5.1578	0.0195841
Fe1.3134	Fe4.4956	0.019512
Fe4.6127	Fe5.13928	0.0194815
Fe5.2020	Fe5.2073	0.0194066
Fe3.1438	Fe8.10206	0.0194056
Fe2.2283	Fe2.11845	0.0194013
Fe2.10846	Fe4.10255	0.0191691
Fe3.952	Fe5.4239	0.0188065
Fe5.2022	Fe5.2075	0.0187987
Fe3.6145	Fe4.8207	0.0187309
Fe4.5775	Fe4.8164	0.0186924
Fe6.9369	Hic.scaffold.9.185	0.0186414
Fe5.13238	Hic.scaffold.10.665	0.0185512
Fe5.4300	Fe6.1567	0.0185481
Fe2.5091	Fe8.3766	0.0184952
Fe2.10262	Fe5.1728	0.0183378

Fe5.2829	Fe6.5826	0.0181161
Fe6.5447	Fe6.9618	0.0180696
Fe1.3329	Fe4.12787	0.0179439
Fe3.1847	Fe7.5424	0.0177926
Fe6.3561	Fe6.5113	0.0177409
Fe7.13185	Fe8.1241	0.0176819
Fe2.281	Fe4.749	0.0176778
Fe1.536	Hic.scaffold.9.479	0.0175518
Fe6.9754	Fe8.6673	0.0174343
Fe1.3329	Fe6.9618	0.017431
Fe4.696	Hic.scaffold.9.861	0.0174187
Fe5.2829	Fe6.4883	0.0173489
Fe1.3329	Fe2.12223	0.0172121
Fe2.13476	Fe2.13484	0.0171586
Fe3.4601	Fe6.9754	0.0171577
Fe6.9754	Fe8.3766	0.0171489
Fe3.12239	Fe8.8017	0.0170459
Fe1.14413	Fe6.10748	0.0170305
Fe2.3837	Fe8.3766	0.0169725
Fe3.10925	Fe3.10988	0.0169282
Fe8.664	Fe8.11989	0.0168685
Fe4.1056	Fe4.1093	0.0167932
Fe2.5091	Fe7.11617	0.0166782
Fe6.5619	Fe7.11617	0.016653
Fe4.14384	Hic.scaffold.11.236	0.0166031
Fe1.14413	Hic.scaffold.9.679	0.0165782
Fe5.3884	Fe6.9306	0.016572
Fe5.3884	Fe8.9197	0.0165488
Fe3.6026	Fe8.4913	0.0165226
Fe4.5982	Fe6.9754	0.0163955
Fe4.3348	Fe6.5447	0.0163179
Fe2.3351	Fe2.3836	0.0162891
Fe4.3348	Hic.scaffold.9.212	0.0162312
Fe1.3134	Fe1.9164	0.0157773
Fe1.2449	Fe3.4025	0.0157768
Fe3.2013	Fe6.2573	0.015763
Fe1.971	Fe8.10474	0.0157081
Fe2.13471	Fe2.13488	0.0156129
Fe5.3884	Fe6.5447	0.0154977
Fe2.12521	Fe2.12556	0.0154191
Fe4.5346	Fe7.1700	0.014988
Fe4.8164	Fe5.4909	0.0148902
Fe3.3815	Fe3.3846	0.0146665
Fe2.5664	Fe3.10819	0.0144784
Fe2.9487	Fe2.9547	0.0144487
Fe3.1662	Fe6.9754	0.0143325
Fe4.14114	Hic.scaffold.11.311	0.0141781
Fe4.3348	Fe4.11941	0.014174
Fe4.2834	Fe5.3748	0.014126
Fe1.5652	Fe2.9475	0.0139919
Fe1.5652	Fe5.12591	0.0139912
Hic.scaffold.14.185	Hic.scaffold.14.219	0.0139905
Fe4.5893	Fe4.12297	0.0139761
Fe2.7940	Fe4.6688	0.0139719
Fe4.5893	Fe4.13144	0.0139055

Fe3.1690	Fe6.9754	0.0138095
Fe2.11081	Fe8.9714	0.0137831
Fe4.12297	Fe7.12885	0.0137194
Fe4.3245	Fe4.12297	0.0137194
Fe1.3342	Fe4.6031	0.0136629
Fe1.14646	Fe2.14303	0.0136178
Fe4.6852	Fe5.11188	0.0134855
Fe1.13178	Fe3.14492	0.0134369
Fe1.14413	Fe2.12287	0.0134253
Fe5.1103	Fe5.13230	0.01342
Fe4.8164	Fe6.9754	0.013367
Fe4.8164	Fe6.9618	0.0133587
Fe5.1565	Fe5.1579	0.0132524
Fe2.12533	Fe2.12549	0.0132156
Fe1.3342	Fe6.5237	0.0129618
Fe4.4040	Fe6.3170	0.0129448
Fe6.5237	Fe6.9369	0.0129409
Fe3.7763	Fe6.5237	0.0128649
Fe2.4813	Fe4.10562	0.012707
Fe3.13542	Fe4.4040	0.0127004
Fe4.3901	Fe6.5237	0.0126236
Fe4.3348	Fe6.9754	0.0117047
Fe4.12052	Fe8.10206	0.0116064
Fe2.8257	Fe8.10206	0.0115811
Fe3.5627	Fe5.1629	0.0114549
Fe2.11845	Fe8.7379	0.0113702
Fe5.4566	Fe6.3455	0.0112836
Fe7.606	Fe8.7379	0.0112697
Fe4.5346	Fe4.12857	0.0112641
Fe1.1389	Fe6.3565	0.0112273
Fe2.5091	Fe4.8164	0.0111672
Fe5.1671	Fe8.9860	0.0110908
Fe5.2829	Fe7.1700	0.0109533
Fe2.8018	Fe5.12694	0.0108747
Fe5.2829	Fe6.9754	0.0107341
Fe3.2665	Fe3.2998	0.0106282
Fe1.10571	Fe4.11631	0.0103588
Fe4.1697	Fe6.10748	0.0103414
Fe7.5654	Fe7.6378	0.010324
Fe2.12287	Fe4.3860	0.0103238
Fe1.6237	Fe6.6304	0.0102863
Fe4.5982	Fe4.8164	0.0102543
Fe4.3348	Fe5.3884	0.0100755
Fe4.3845	Fe5.1728	0.00993817
Fe5.3644	Fe8.7169	0.0099185
Fe4.12787	Fe6.9754	0.00984692
Fe4.1697	Fe7.12885	0.00966542
Fe1.3329	Fe3.10664	0.00961224
Fe3.873	Fe3.904	0.00954728
Fe3.12851	Fe3.12934	0.00948413
Fe1.4970	Fe1.5042	0.00939592
Fe2.13346	Fe8.10701	0.0093306
Fe7.11549	Fe8.6797	0.00928005
Fe2.12520	Fe2.12557	0.00917044
Fe2.13460	Fe2.13500	0.00886256

Fe1.3329	Fe3.12316	0.0085843
Fe3.11829	Fe6.3455	0.00855834
Fe6.8664	Fe6.8926	0.0085092
Fe4.11631	Fe7.5828	0.00841819
Fe6.3455	Fe6.9754	0.0080551
Fe1.3342	Fe2.5664	0.00741419
Fe1.3848	Fe4.8460	0.00730327
Fe1.3134	Fe1.3342	0.00721688
Fe5.6418	Fe6.3733	0.00677011
Fe1.4972	Fe1.5043	0.0065128
Fe2.13400	Fe5.12460	0.0063078
Fe3.14286	Fe3.14315	0.00560775

Supplemental Table 19 The analysis of transcription factors in WGD.

TF families	Fe						Ft					
	Annotation	Expression	Percent	WGD	Expression	Percent	Annotation	Expression	Percent	WGD	Expression	Percent
AP2/ERF	163	152	93.25%	115	110	95.65%	136	130	95.60%	96	94	97.92%
B3	108	99	91.67%	46	42	91.30%	97	91	93.81%	37	35	94.59%
bHLH	174	161	92.53%	87	83	95.40%	156	150	96.15%	85	82	96.47%
bZIP	113	107	94.69%	47	44	93.62%	88	88	100.00%	33	33	100.00%
C2C2	100	98	98.00%	31	30	96.77%	94	90	95.74%	32	31	96.88%
C2H2	146	137	93.84%	32	31	96.88%	116	112	96.55%	33	32	96.97%
MADS	101	90	89.11%	37	33	89.19%	79	75	94.94%	27	25	92.59%
MYB	177	172	97.18%	110	107	97.27%	179	175	97.77%	106	104	98.11%
NAC	87	83	95.40%	46	43	93.48%	87	85	97.70%	43	43	100.00%
WRKY	87	87	100.00%	53	53	100.00%	81	80	98.77%	53	53	100.00%

Supplemental Table 20 Intact LTR-RTs identified in *F. esculentum*, *F. tataricum*, *B. vulgaris* and *A. thalian*.

	Total intact LTR-RTs searched	Copia	Gypsy	Unknown
F. esculentum	16143	433	11243	4467
F. tataricum	1887	236	1106	545
B. vulgaris	1683	237	613	833
A. thaliana	172	34	62	76

Supplemental Table 21 Expression analysis of transposase.

	Fe（19733）		Ft （1751）	
	Expessed number	Percent	Expessed number	Percent
root	4358	22.08%	74	4.23%
stem	4526	22.94%	151	8.62%
leaf	4325	21.92%	175	9.99%
isostyle/flower	4469	22.65%	109	6.23%
seed	4697	23.80%	101	5.77%

Supplemental Table 22 The positions of large inversions in common buckwheat.

Chromosome	Start	End
Fe1	1226134	25260139
Fe1	137867861	140660331
Fe2	2452693	22136514
Fe2	41072456	47545192
Fe3	65190	7610013
Fe3	72829840	102388043
Fe3	102485025	129988054
Fe4	158636857	162218580
Fe4	11065188	78401003
Fe5	79055190	103573986
Fe6	22444	4427114
Fe6	4424688	36247801
Fe7	13652589	38457161
Fe7	33294	1758765
Fe7	1763272	4996688
Fe8	32355654	45582587
Fe8	64998902	117986924
Fe8	46841606	49768527

Supplemental Table 23 Gene duplication in *F. esculentum* and *F. tataricum*.

Type of duplicate	*F. esculentum*	*F. tataricum*
transposed	4805	4633
Dispersed	1732	1256
Proximal	2037	1294
Tandem	2901	2118
WGD	20184	17500

Supplemental Table 24 Disease resistance genes in four species.

Species	NBS-encoding							RLP	RLK
	NBS	CC-NBS-LRR	TIR-NBS-LRR	CC-NBS	TIR-NBS	NBS-LRR	Total		
F. tataricum	25	50	2	12	1	68	158	68	576
F. esculentum	20	56	1	12	1	69	159	91	665
A. thaliana	5	39	76	1	13	20	154	75	517
B. vulgaris	22	51	1	12	1	50	137	56	382

Supplemental Table 25 KEGG functional enrichment analysis of tandem duplication genes.

F. esculentum

Term Name	MainClass	p-value	corrected p-value(BH method)
02000 Transporters	A09180 Brite Hierarchies	2.87E-10	1.79E-08
00910 Nitrogen metabolism	A09100 Metabolism	2.99E-09	1.40E-07
99980 Enzymes with EC numbers	A09190 Not Included in Pathway or Brite	4.65E-08	1.74E-06
00940 Phenylpropanoid biosynthesis	A09100 Metabolism	1.10E-07	2.94E-06
04141 Protein processing in endoplasmic reticulum	A09120 Genetic Information Processing	2.62E-06	4.90E-05
00480 Glutathione metabolism	A09100 Metabolism	2.32E-06	5.43E-05
00909 Sesquiterpenoid and triterpenoid biosynthesis	A09100 Metabolism	4.54E-06	7.72E-05
00945 Stilbenoid, diarylheptanoid and gingerol biosynthesis	A09100 Metabolism	3.14E-04	0.004199091
04120 Ubiquitin mediated proteolysis	A09120 Genetic Information Processing	0.002308751	0.02698353
00072 Synthesis and degradation of ketone bodies	A09100 Metabolism	0.002661607	0.029277675
00941 Flavonoid biosynthesis	A09100 Metabolism	0.00374604	0.038917195
00536 Glycosaminoglycan binding proteins	A09180 Brite Hierarchies	0.005158848	0.048235228

F. tataricum

Term Name	MainClass	p-value	corrected p-value(BH method)
02000 Transporters	A09180 Brite Hierarchies	1.50E-11	8.97E-10
00940 Phenylpropanoid biosynthesis	A09100 Metabolism	2.77E-10	1.25E-08
00945 Stilbenoid, diarylheptanoid and gingerol biosynthesis	A09100 Metabolism	4.58E-08	1.65E-06
00909 Sesquiterpenoid and triterpenoid biosynthesis	A09100 Metabolism	1.17E-06	3.52E-05
99980 Enzymes with EC numbers	A09190 Not Included in Pathway or Brite	1.30E-05	2.92E-04
00194 Photosynthesis proteins	A09180 Brite Hierarchies	5.11E-05	0.001021269
00941 Flavonoid biosynthesis	A09100 Metabolism	7.12E-05	0.001282197
00592 alpha-Linolenic acid metabolism	A09100 Metabolism	2.26E-04	0.003131381
00040 Pentose and glucuronate interconversions	A09100 Metabolism	2.22E-04	0.003330159
99999 Others	A09190 Not Included in Pathway or Brite	0.001340161	0.013401609
00480 Glutathione metabolism	A09100 Metabolism	0.001193593	0.013427916
00195 Photosynthesis	A09100 Metabolism	0.00129018	0.013660724
00196 Photosynthesis - antenna proteins	A09100 Metabolism	0.001965052	0.017685464
00740 Riboflavin metabolism	A09100 Metabolism	0.00330847	0.027069303
00520 Amino sugar and nucleotide sugar metabolism	A09100 Metabolism	0.003992788	0.029945909
02010 ABC transporters	A09130 Environmental Information Process	0.005650496	0.039118821

Supplemental Table 26 KEGG functional enrichment analysis of proximal duplicate genes.

F. esculentum

Term Name	MainClass	p-value	corrected p-value(BH method)
00537 Glycosylphosphatidylinositol (GPI)-anchored proteins	A09180 Brite Hierarchies	7.10E-06	4.33E-04
00270 Cysteine and methionine metabolism	A09100 Metabolism	3.87E-05	0.001772666
00440 Phosphonate and phosphinate metabolism	A09100 Metabolism	1.15E-04	0.004225117
00940 Phenylpropanoid biosynthesis	A09100 Metabolism	6.02E-04	0.015738404
04712 Circadian rhythm - plant	A09150 Organismal Systems	6.01E-04	0.018325088
00941 Flavonoid biosynthesis	A09100 Metabolism	0.00142351	0.028944741
00909 Sesquiterpenoid and triterpenoid biosynthesis	A09100 Metabolism	0.00180784	0.033083552
01008 Polyketide biosynthesis proteins	A09180 Brite Hierarchies	0.00375484	0.062466843
00030 Pentose phosphate pathway	A09100 Metabolism	0.00475098	0.06687912
00053 Ascorbate and aldarate metabolism	A09100 Metabolism	0.00468568	0.071456688
00710 Carbon fixation in photosynthetic organisms	A09100 Metabolism	0.0059698	0.078033824
00051 Fructose and mannose metabolism	A09100 Metabolism	0.00681178	0.083103728

F. tataricum

Term Name	MainClass	p-value	corrected p-value(BH method)
00940 Phenylpropanoid biosynthesis	A09100 Metabolism	1.99E-09	1.64E-07
00190 Oxidative phosphorylation	A09100 Metabolism	7.44E-07	4.09E-05
00195 Photosynthesis	A09100 Metabolism	1.14E-04	0.003143126
00194 Photosynthesis proteins	A09180 Brite Hierarchies	4.67E-04	0.010998492
00531 Glycosaminoglycan degradation	A09100 Metabolism	6.97E-04	0.014379023
00909 Sesquiterpenoid and triterpenoid biosynthesis	A09100 Metabolism	0.00295419	0.05416016

Supplemental Table 27 Flavonoids metabolites in six tissues of *F. esculentum*.

Index	Compounds	Class I	Class II	root1	root2	root3	flower1	flower2	flower3	stem1	stem2	stem3	leaf1	leaf2	leaf3	green grain1	green grain2	green grain3	black grain1	black grain2	black grain3
Cmsn000894	7-O-Galloyl-D-sedoheptulose	Tannins	Tannin	1.67E+04	3.01E+04	2.72E+04	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
Cmxp005429	Okanin	Flavonoids	Chalcones	9.00E+00	9.00E+00	9.00E+00	2.97E+06	2.74E+06	2.86E+06	4.93E+04	5.02E+04	5.05E+04	9.00E+00	9.00E+00	9.00E+00	1.47E+05	1.73E+05	1.66E+05	1.62E+04	1.60E+04	1.70E+04
Cmyp002064	Yuanhuanin	Flavonoids	Flavones	9.00E+00	9.00E+00	9.00E+00	3.98E+05	3.65E+05	3.93E+05	7.61E+05	7.10E+05	7.15E+05	3.36E+05	3.31E+05	3.68E+05	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
Cmyp005222	Iristectorin A	Flavonoids	Isoflavones	1.01E+05	1.01E+05	1.09E+05	2.35E+06	2.47E+06	2.34E+06	2.64E+06	2.54E+06	2.91E+06	4.01E+05	3.85E+05	4.15E+05	5.53E+06	5.92E+06	5.95E+06	2.66E+06	2.80E+06	2.44E+06
HJAP005	Laricitrin-3-O-glucoside	Flavonoids	Flavonols	2.69E+04	1.54E+04	2.73E+04	4.95E+06	5.06E+06	4.89E+06	3.40E+06	3.36E+06	3.00E+06	3.08E+06	3.33E+06	2.67E+06	7.45E+05	7.06E+05	6.85E+05	8.32E+04	8.34E+04	5.42E+04
HJAP006	Syringetin-7-O-glucoside	Flavonoids	Flavonols	9.00E+00	9.00E+00	9.00E+00	3.18E+05	3.40E+05	3.12E+05	2.99E+05	3.52E+05	3.55E+05	3.03E+05	3.58E+05	3.01E+05	4.92E+05	4.84E+05	4.17E+05	1.62E+05	2.44E+05	2.28E+05
HJAP011	Chrysoeriol-8-C-glucoside (Scoparin)	Flavonoids	Flavonoid carbonoside	6.95E+03	1.25E+04	8.34E+03	5.43E+04	2.43E+04	3.76E+04	5.57E+03	8.35E+03	8.96E+03	1.39E+04	8.80E+03	1.53E+04	2.36E+06	2.23E+06	2.10E+06	1.30E+05	1.43E+05	1.57E+05
HJAP023	Kaempferol-6,8-di-C-glucoside-7-O-glucoside	Flavonoids	Flavones	9.00E+00	9.00E+00	9.00E+00	3.78E+04	3.37E+04	3.94E+04	2.56E+04	2.95E+04	3.35E+04	5.46E+04	6.19E+04	4.40E+04	1.72E+04	1.12E+04	1.08E+04	6.07E+04	1.06E+05	6.00E+04
HJAP024	Kaempferol-6,8-di-C-glucoside	Flavonoids	Flavonoid carbonoside	6.59E+04	6.80E+04	6.44E+04	1.11E+04	1.36E+04	1.62E+04	1.32E+04	1.96E+04	1.22E+04	3.53E+05	3.46E+05	3.06E+05	4.57E+04	4.86E+04	6.59E+04	1.10E+04	1.15E+04	1.91E+04
HJAP058	5,6,7,4'-Tetramethoxyflavanone	Flavonoids	Flavones	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	7.12E+03	6.54E+03	7.57E+03	9.00E+00	9.00E+00	9.00E+00	8.61E+04	1.12E+05	1.02E+05	1.14E+05	1.34E+05	1.68E+05
HJAP061	Quercetin-3-O-(2''-O-arabinosyl)rutinoside	Flavonoids	Flavonols	9.00E+00	9.00E+00	9.00E+00	1.08E+05	1.08E+05	7.48E+04	5.49E+04	5.35E+04	5.18E+04	8.48E+04	9.81E+04	9.33E+04	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
HJAP127	Quercetin-3-O-(2''-O-Rhamnosyl)rutinoside	Flavonoids	Flavonols	2.25E+04	1.54E+04	1.03E+04	1.37E+06	1.72E+06	1.38E+06	1.93E+06	2.24E+06	2.19E+06	1.81E+06	2.46E+06	2.10E+06	8.51E+05	9.37E+05	7.50E+05	1.85E+05	2.75E+05	2.18E+05
HJAP144	Galloylprocyanidin C2	Tannins	Proanthocyanidins	3.64E+04	4.50E+04	5.38E+04	1.95E+05	1.93E+05	1.67E+05	5.22E+03	4.17E+03	7.50E+03	1.09E+04	1.80E+04	1.08E+04	1.99E+05	1.59E+05	1.61E+05	9.00E+00	9.00E+00	9.00E+00
HJN041	Epicatechin glucoside	Flavonoids	Flavanols	2.60E+05	2.41E+05	2.54E+05	3.28E+05	3.41E+05	3.00E+05	2.85E+05	3.40E+05	3.34E+05	1.50E+05	1.66E+05	1.51E+05	2.06E+06	2.06E+06	2.22E+06	3.45E+07	3.48E+07	3.48E+07
HJN043	Cinnamtannin B1	Tannins	Tannin	2.65E+05	2.54E+05	2.63E+05	2.18E+05	1.74E+05	1.58E+05	1.36E+05	1.21E+05	1.13E+05	2.51E+05	2.83E+05	2.51E+05	2.13E+05	1.25E+05	1.70E+05	2.48E+04	2.89E+04	2.99E+04
HJN044	picatechin-(4β→8,2β→O→7)-epicatechin-(4β→8)-epicatechin	Flavonoids	Flavanols	9.00E+00	9.00E+00	9.00E+00	3.22E+04	2.97E+04	2.00E+04	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	3.64E+04	3.09E+04	2.64E+04	1.79E+04	2.28E+04	2.69E+04
HJN046	Aesculitannin A	Tannins	Tannin	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	3.18E+04	2.75E+04	3.53E+04
HJN049	2α,3α-Epoxy-5,7,3',4'-tetrahydroxyflavan-(4β-8-catechin)	Tannins	Proanthocyanidins	3.54E+04	1.73E+04	2.84E+04	8.37E+04	1.08E+05	1.16E+05	1.83E+04	1.88E+04	1.88E+04	1.94E+04	3.17E+04	2.32E+04	6.30E+05	5.70E+05	6.20E+05	4.51E+04	3.86E+04	5.67E+04
HJN051	Tamarixetin-3-O-rutinoside	Flavonoids	Flavonols	5.53E+04	5.73E+04	5.73E+04	8.67E+05	9.29E+05	8.25E+05	2.01E+05	1.79E+05	2.12E+05	5.55E+05	5.92E+05	5.49E+05	2.18E+05	2.24E+05	1.99E+05	2.99E+05	2.30E+05	2.32E+05
HJN053	2α,3α-Epoxy-5,7,3',4'-tetrahydroxyflavan-(4β-8-epicatechin)	Tannins	Proanthocyanidins	3.29E+04	3.26E+04	2.80E+04	2.04E+05	2.24E+05	1.94E+05	1.10E+05	1.06E+05	1.01E+05	6.59E+04	7.63E+04	7.32E+04	1.16E+05	8.32E+04	1.14E+05	3.36E+04	4.81E+04	3.39E+04
HJN055	Dihydrocharcone-4'-O-glucoside	Flavonoids	Chalcones	1.18E+05	1.13E+05	1.10E+05	5.20E+06	5.42E+06	5.48E+06	1.91E+05	2.10E+05	2.20E+05	1.61E+06	1.44E+06	1.49E+06	5.64E+06	4.88E+06	5.63E+06	9.37E+05	1.04E+06	1.08E+06
HJN069	Tetrahydroxyflavan-(4α-8-epicatechin)	Flavonoids	Flavanols	3.81E+04	2.96E+04	4.09E+04	2.18E+05	2.05E+05	1.96E+05	7.64E+04	1.10E+05	1.17E+05	6.97E+04	8.00E+04	6.05E+04	1.15E+05	1.03E+05	7.42E+04	3.86E+04	4.43E+04	4.54E+04
HJN076	Pinocembrin-7-O-neohesperidoside	Flavonoids	Flavanones	1.60E+02	5.79E+01	3.26E+02	5.02E+03	5.75E+03	5.39E+03	1.36E+03	1.96E+03	2.97E+03	7.81E+03	7.24E+03	9.07E+03	1.31E+03	2.00E+03	2.83E+03	8.52E+02	1.60E+02	2.10E+02
HJN078	Pinocembrin-7-O-(2''-O-arabinosyl)glucoside	Flavonoids	Flavones	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	4.45E+04	2.26E+04	2.86E+04
HJN086	Eriodictyol-3'-O-glucoside	Flavonoids	Flavanones	2.63E+05	2.35E+05	2.41E+05	2.41E+06	2.78E+06	2.66E+06	4.94E+05	5.19E+05	5.11E+05	1.02E+06	1.13E+06	1.01E+06	5.50E+06	5.16E+06	5.50E+06	2.26E+05	2.66E+05	2.97E+05
HJN087	Naringenin-4'-O-glucoside	Flavonoids	Flavanones	2.85E+05	2.60E+05	3.02E+05	2.54E+06	2.64E+06	2.52E+06	1.25E+06	1.24E+06	1.33E+06	6.20E+05	7.66E+05	6.40E+05	3.09E+06	2.98E+06	3.14E+06	2.27E+05	2.50E+05	2.70E+05
HJN090	Butin-7-O-glucoside	Flavonoids	Flavanones	3.48E+05	3.14E+05	3.50E+05	2.80E+06	2.96E+06	3.08E+06	1.43E+06	1.47E+06	1.53E+06	7.01E+05	8.64E+05	6.84E+05	3.27E+06	2.86E+06	3.35E+06	2.55E+05	2.83E+05	3.18E+05
HJN094	Galloylprocyanidin B4	Tannins	Proanthocyanidins	2.79E+07	2.72E+07	3.01E+07	3.67E+07	3.65E+07	3.34E+07	4.54E+06	4.85E+06	4.35E+06	1.53E+07	1.44E+07	1.24E+07	2.39E+07	2.21E+07	2.37E+07	2.28E+06	2.80E+06	2.29E+06
HJN104	Dihydromyricetin-3-O-glucoside	Flavonoids	Flavanonols	9.00E+00	9.00E+00	9.00E+00	2.34E+05	2.45E+05	2.39E+05	4.52E+04	4.91E+04	5.00E+04	1.06E+05	9.23E+04	1.08E+05	4.23E+04	2.78E+04	2.84E+04	9.00E+00	9.00E+00	9.00E+00
Hmbp002730	Isoscutellarein	Flavonoids	Flavones	9.00E+00	9.00E+00	9.00E+00	7.91E+03	6.16E+03	1.22E+04	9.00E+00	9.00E+00	9.00E+00	1.94E+03	4.53E+02	7.94E+02	4.59E+05	4.61E+05	4.57E+05	2.55E+04	2.22E+04	2.45E+04
Hmcn001884	6-Hydroxyluteolin 5-glucoside	Flavonoids	Flavones	4.51E+06	4.13E+06	4.93E+06	7.76E+06	7.28E+06	7.96E+06	1.42E+07	1.38E+07	1.53E+07	3.71E+06	4.04E+06	3.54E+06	2.39E+07	2.82E+07	2.30E+07	1.93E+06	2.48E+06	2.36E+06
Hmcp002207	Isorhamnetin-7-O-glucoside (Brassicin)	Flavonoids	Flavonols	9.00E+00	9.00E+00	9.00E+00	8.37E+05	6.58E+05	9.21E+05	8.94E+05	8.81E+05	1.34E+06	3.11E+05	3.75E+05	3.42E+05	1.53E+06	1.88E+06	1.85E+06	1.15E+05	1.43E+05	1.65E+05
Hmcp002316	Isorhamnetin-3-O-arabinoside	Flavonoids	Flavonols	8.41E+03	3.39E+03	6.39E+03	5.58E+04	6.50E+04	5.88E+04	9.00E+04	9.99E+04	1.01E+05	1.66E+04	2.31E+04	2.30E+04	1.17E+05	1.12E+05	1.17E+05	7.60E+03	1.54E+04	9.23E+03
Hmcp002399	Limocitrin-3-O-glucoside	Flavonoids	Flavonols	7.33E+03	5.49E+03	1.19E+04	1.22E+05	1.46E+05	1.37E+05	1.32E+05	1.51E+05	1.49E+05	3.10E+05	3.45E+05	2.96E+05	8.88E+05	7.37E+05	7.52E+05	4.63E+05	5.61E+05	7.11E+05
Hmcp005575	Quercetin-5,4'-di-O-glucoside	Flavonoids	Flavones	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	3.05E+05	2.98E+05	3.04E+05	1.46E+04	1.43E+04	1.71E+04
Hmdn001667	Ellagic acid-4-O-glucoside	Tannins	Tannin	9.00E+00	9.00E+00	9.00E+00	1.71E+04	1.72E+04	3.51E+04	9.00E+00	9.00E+00	9.00E+00	4.23E+04	4.53E+04	3.03E+04	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
Hmgp002036	Nepetin-7-O-glucoside	Flavonoids	Flavones	5.29E+05	3.96E+05	5.31E+05	2.67E+06	2.16E+06	1.91E+06	1.63E+06	1.65E+06	1.98E+06	9.97E+05	1.43E+06	1.52E+06	1.19E+07	1.31E+07	1.30E+07	1.31E+06	1.49E+06	1.41E+06
Hmgp002189	Hispidulin-7-O-Glucoside	Flavonoids	Flavones	6.03E+05	6.12E+05	6.57E+05	5.14E+05	5.27E+05	5.74E+05	4.89E+05	4.52E+05	4.61E+05	2.92E+05	2.26E+05	2.48E+05	4.38E+06	6.01E+06	5.30E+06	1.11E+06	1.02E+06	1.12E+06
Hmgp002238	Jaceosidin-7-O-Glucoside	Flavonoids	Flavones	1.02E+05	1.00E+05	1.09E+05	2.33E+06	2.30E+06	2.39E+06	2.58E+06	2.66E+06	2.97E+06	3.78E+05	4.00E+05	4.04E+05	5.96E+06	5.82E+06	5.37E+06	2.70E+06	2.72E+06	2.59E+06
Hmgp003086	Tricin-7-O-rutinoside	Flavonoids	Flavones	9.00E+00	9.00E+00	9.00E+00	6.94E+04	8.06E+04	5.95E+04	1.29E+04	1.06E+04	2.14E+04	9.00E+00	9.00E+00	9.00E+00	5.84E+04	5.47E+04	6.20E+04	9.00E+00	9.00E+00	9.00E+00
Hmgp003130	Iristectorigenin A	Flavonoids	Isoflavones	9.00E+00	9.00E+00	9.00E+00	7.81E+04	8.50E+04	9.28E+04	6.07E+03	9.78E+03	1.44E+04	4.09E+05	5.74E+05	3.80E+05	3.01E+05	3.02E+05	2.89E+05	1.06E+06	7.58E+05	9.72E+05
Hmgp003664	Apigenin-6-C-rhamnoside	Flavonoids	Flavones	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	1.55E+04	1.34E+04	1.75E+04	1.04E+04	7.93E+03	7.96E+03
Hmhp005160	Rehderianin I	Flavonoids	Flavonols	1.15E+04	1.25E+04	1.37E+04	1.78E+05	1.66E+05	2.05E+05	2.44E+06	2.00E+06	2.16E+06	7.14E+04	5.63E+04	5.52E+04	1.14E+06	1.15E+06	1.13E+06	2.96E+06	2.95E+06	2.92E+06
Hmhp005846	Tenaxin I	Flavonoids	Flavones	9.00E+00	9.00E+00	9.00E+00	4.10E+03	3.24E+03	3.26E+03	1.30E+06	1.02E+06	1.30E+06	8.28E+03	6.79E+03	6.30E+03	3.94E+04	4.22E+04	4.44E+04	4.25E+05	4.71E+05	4.40E+05
Hmjn004446	Luteolin-7-O-(6''-caffeoyl)rhamnoside	Flavonoids	Flavones	9.00E+00	9.00E+00	9.00E+00	1.75E+05	1.81E+05	1.75E+05	5.35E+05	5.34E+05	5.56E+05	2.02E+05	2.05E+05	2.37E+05	6.78E+05	7.29E+05	7.04E+05	1.93E+04	2.48E+04	2.66E+04
Hmln000659	3-O-Galloyl-D-glucose	Tannins	Tannin	5.79E+04	5.21E+04	7.31E+04	2.85E+06	3.04E+06	3.10E+06	3.78E+05	3.42E+05	3.01E+05	1.38E+06	1.71E+06	1.57E+06	4.71E+06	5.36E+06	5.34E+06	9.32E+04	1.14E+05	1.35E+05
Hmln002199	Quercetin-3-O-(6''-acetyl)galactoside	Flavonoids	Flavonols	8.93E+03	1.07E+04	1.82E+04	4.92E+04	5.56E+04	5.98E+04	5.04E+04	3.84E+04	2.10E+04	1.35E+04	1.45E+04	1.78E+04	6.52E+04	8.37E+04	8.93E+04	9.00E+00	9.00E+00	9.00E+00
Hmln003405	Ellagic acid-4-O-rhamnoside	Tannins	Tannin	9.00E+00	9.00E+00	9.00E+00	8.70E+04	9.68E+04	1.17E+05	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	6.68E+04	6.22E+04	8.37E+04	9.00E+00	9.00E+00	9.00E+00
Hmlp001270	2,3-Di-O-galloyl-D-glucose	Tannins	Tannin	1.07E+05	9.08E+04	1.07E+05	8.95E+04	9.45E+04	8.21E+04	9.00E+00	9.00E+00	9.00E+00	3.17E+05	2.89E+05	3.23E+05	4.17E+06	3.77E+06	3.80E+06	5.81E+04	1.09E+05	6.21E+04
Hmmp004965	Diosmetin-7-O-glucoside	Flavonoids	Flavanones	6.27E+05	5.78E+05	6.08E+05	5.63E+05	4.85E+05	5.49E+05	3.93E+05	4.63E+05	4.44E+05	2.63E+05	2.42E+05	2.39E+05	4.49E+06	5.23E+06	5.33E+06	1.13E+06	1.00E+06	1.07E+06
Hmmp007513	5,7-Dihydroxy-6,3',4',5'-tetramethoxyflavone (Arteanoflavone)	Flavonoids	Flavones	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	3.73E+04	4.34E+04	4.40E+04
Hmpn005101	Sieboldin	Flavonoids	Chalcones	9.00E+00	9.00E+00	9.00E+00	1.03E+05	6.13E+04	5.99E+04	8.25E+04	9.52E+04	1.01E+05	5.59E+04	5.20E+04	4.35E+04	4.56E+04	2.88E+04	5.21E+04	9.00E+00	9.00E+00	9.00E+00
Hmpp003270	Luteolin-4'-O-glucoside	Flavonoids	Flavones	7.84E+05	6.25E+05	8.83E+05	1.33E+07	1.24E+07	1.37E+07	2.74E+06	2.36E+06	2.89E+06	6.83E+06	7.27E+06	6.73E+06	5.86E+07	6.06E+07	5.79E+07	4.14E+06	4.83E+06	4.62E+06
Hmqn003268	5,7,3',4',5'-Pentahydroxydihydroflavone	Flavonoids	Flavanones	5.87E+04	4.73E+04	5.64E+04	8.12E+04	7.17E+04	9.91E+04	1.18E+04	5.88E+03	7.25E+03	8.08E+03	4.68E+03	3.91E+03	2.60E+04	1.87E+04	1.85E+04	2.96E+05	3.14E+05	3.20E+05
Hmxp006108	3-Hydroxy-5,7,8-trimethoxyflavone	Flavonoids	Flavones	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.50E+04	2.65E+04	9.05E+04
Jmgn004021	6-C-Glucosyl-2-Hydroxynaringenin	Flavonoids	Flavanones	8.12E+06	7.32E+06	7.62E+06	1.53E+06	1.78E+06	1.51E+06	2.30E+05	2.48E+05	2.38E+05	9.18E+05	1.00E+06	7.88E+05	1.96E+06	2.11E+06	2.21E+06	5.57E+05	6.58E+05	5.73E+05
Jmgn005927	2-hydroxynaringenin	Flavonoids	Flavanones	9.00E+00	9.00E+00	9.00E+00	3.20E+05	3.31E+05	3.68E+05	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
Li512111	Isorhamnetin-3-O-(6''-acetylglucoside)	Flavonoids	Flavonols	1.59E+04	1.47E+04	1.94E+04	3.58E+04	4.02E+04	4.41E+04	1.24E+04	1.22E+04	1.97E+04	9.00E+00	9.00E+00	9.00E+00	3.63E+04	3.98E+04	3.59E+04	9.00E+00	9.00E+00	9.00E+00
Lmbn006032	Hypolaetin	Flavonoids	Flavones	1.05E+04	8.40E+03	9.15E+03	2.76E+04	3.49E+04	3.13E+04	1.46E+04	1.27E+04	1.85E+04	1.11E+04	1.11E+04	7.60E+03	1.21E+06	1.20E+06	1.27E+06	1.14E+04	1.02E+04	8.35E+03
Lmbp003668	Kaempferol-3-O-arabinoside	Flavonoids	Flavonols	3.01E+04	2.98E+04	3.79E+04	1.82E+06	1.75E+06	1.51E+06	2.22E+07	2.20E+07	2.28E+07	1.39E+06	1.59E+06	1.38E+06	9.88E+05	9.88E+05	1.03E+06	1.59E+04	1.21E+04	7.32E+03
Lmcn003163	Epitheaflavic acid-3-O-Gallate	Tannins	Tannin	6.02E+05	4.22E+05	5.87E+05	4.77E+06	5.42E+06	4.87E+06	5.31E+05	6.57E+05	7.03E+05	2.00E+06	2.58E+06	1.70E+06	4.39E+06	3.95E+06	4.03E+06	3.82E+05	3.67E+05	3.61E+05
Lmcp004369	Quercetin-3',4'-dimethyl ether	Flavonoids	Flavonols	5.91E+04	6.71E+04	9.28E+04	2.92E+05	2.42E+05	2.57E+05	5.59E+04	4.54E+04	3.18E+04	1.67E+05	1.73E+05	1.51E+05	5.29E+05	4.94E+05	4.44E+05	2.30E+05	3.04E+05	2.60E+05
Lmdn006025	2-Hydroxy-2,3-dihydrogenistein	Flavonoids	Isoflavones	9.00E+00	9.00E+00	9.00E+00	3.32E+05	3.17E+05	3.27E+05	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
Lmdp002969	Myricetin-3-O-galactoside	Flavonoids	Flavonols	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	8.26E+04	9.31E+04	7.68E+04	9.00E+00	9.00E+00	9.00E+00	2.15E+05	1.81E+05	2.07E+05	9.00E+00	9.00E+00	9.00E+00
Lmdp003286	Isohyperoside	Flavonoids	Flavonols	3.01E+06	2.61E+06	3.07E+06	7.41E+06	8.12E+06	9.50E+06	7.06E+06	7.23E+06	7.41E+06	2.15E+06	2.33E+06	2.08E+06	2.13E+07	1.95E+07	2.09E+07	8.02E+05	1.07E+06	1.00E+06
Lmdp003509	Quercetin-3-O-xyloside (Reynoutrin)	Flavonoids	Flavonols	1.09E+05	9.56E+04	1.07E+05	1.80E+06	1.60E+06	1.61E+06	1.24E+07	1.39E+07	1.43E+07	5.59E+05	6.85E+05	5.61E+05	2.52E+06	2.74E+06	2.64E+06	2.22E+04	2.22E+04	3.33E+04
Lmdp003808	Azaleatin (5-O-Methylquercetin)	Flavonoids	Flavonols	9.00E+00	9.00E+00	9.00E+00	3.89E+04	3.45E+04	4.48E+04	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
Lmdp004267	Quercetin-3-O-(6''-p-Coumaroyl)glucoside	Flavonoids	Flavonols	9.00E+00	9.00E+00	9.00E+00	1.67E+05	1.72E+05	1.55E+05	1.07E+06	1.19E+06	1.20E+06	2.55E+05	2.67E+05	2.43E+05	1.43E+06	1.50E+06	1.48E+06	2.36E+04	2.59E+04	3.20E+04
Lmdp004307	Farrerol-7-O-glucoside	Flavonoids	Flavanones	2.86E+04	2.32E+04	3.17E+04	4.16E+06	4.27E+06	4.32E+06	1.50E+06	1.53E+06	1.56E+06	8.09E+06	7.53E+06	7.96E+06	2.01E+06	2.00E+06	2.08E+06	4.87E+04	4.30E+04	5.01E+04
Lmdp004892	Kaempferol-3-O-(6''-malonyl)galactoside	Flavonoids	Flavonols	9.00E+00	9.00E+00	9.00E+00	1.13E+04	1.90E+04	1.98E+04	9.00E+00	9.00E+00	9.00E+00	1.43E+04	1.55E+04	1.13E+04	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
Lmfn000604	6-O-Galloyl-D-glucose	Tannins	Tannin	5.76E+04	6.50E+04	9.79E+04	2.77E+06	2.85E+06	2.78E+06	4.76E+05	4.76E+05	4.38E+05	1.43E+06	1.77E+06	1.50E+06	5.24E+06	5.24E+06	5.05E+06	1.15E+05	1.17E+05	1.33E+05
Lmfn001158	Ginnalin A (2,6-Di-O-Galloyl-1,5-Anhydro-D-Glucitol)	Tannins	Tannin	3.27E+05	2.99E+05	3.61E+05	2.91E+05	2.56E+05	2.66E+05	8.81E+04	6.68E+04	8.28E+04	1.38E+05	1.15E+05	9.79E+04	1.40E+06	1.50E+06	1.26E+06	6.96E+03	7.16E+03	9.27E+03
Lmfn001258	Maplexin D (2,4-Di-O-Galloyl-1,5-Anhydro-D-Glucitol)	Tannins	Tannin	1.36E+06	1.24E+06	1.41E+06	1.02E+05	1.02E+05	1.25E+05	2.65E+04	3.09E+04	2.84E+04	6.27E+05	5.47E+05	6.39E+05	4.38E+05	4.55E+05	3.76E+05	9.39E+03	1.09E+04	8.00E+03
Lmfn003760	Quercetin-4'-O-glucuronide	Flavonoids	Flavonols	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	1.00E+05	3.59E+04	4.67E+04
Lmfn004036	Morin-3-O-lyxoside	Flavonoids	Flavonols	1.59E+05	1.67E+05	2.29E+05	2.13E+06	2.41E+06	2.33E+06	2.44E+07	2.63E+07	2.50E+07	1.35E+06	1.27E+06	1.27E+06	4.47E+06	4.64E+06	4.89E+06	5.12E+04	6.92E+04	6.27E+04
Lmfn004065	Morin-3-O-arabinoside	Flavonoids	Flavonols	1.70E+05	1.64E+05	2.15E+05	2.02E+06	2.67E+06	2.21E+06	2.48E+07	2.59E+07	2.48E+07	1.24E+06	1.41E+06	1.22E+06	4.70E+06	4.50E+06	4.90E+06	5.11E+04	6.19E+04	6.33E+04
Lmfn004093	Phloretin-4'-O-glucoside (Trilobatin)	Flavonoids	Chalcones	1.69E+05	1.89E+05	2.19E+05	1.69E+07	2.27E+07	2.00E+07	8.06E+05	8.70E+05	1.07E+06	7.21E+06	7.67E+06	6.73E+06	1.40E+07	1.39E+07	1.34E+07	9.93E+05	9.72E+05	9.33E+05
Lmfp001509	1-O-Galloyl-rhamnose	Tannins	Tannin	5.26E+04	5.64E+04	6.03E+04	1.51E+04	2.00E+04	1.78E+04	9.00E+00	9.00E+00	9.00E+00	1.92E+04	1.61E+04	1.01E+04	1.33E+04	1.53E+04	1.55E+04	9.00E+00	9.00E+00	9.00E+00
Lmfp003403	Quercetagetin-7-O-glucoside	Flavonoids	Flavonols	1.44E+04	5.89E+03	1.35E+04	9.00E+00	9.00E+00	9.00E+00	6.58E+04	4.94E+04	9.17E+04	9.00E+00	9.00E+00	9.00E+00	1.86E+05	1.76E+05	1.70E+05	1.58E+04	1.23E+04	1.81E+04
Lmfp004055	Morin-3-O-xyloside	Flavonoids	Flavonols	8.24E+04	1.08E+05	1.11E+05	1.76E+06	1.68E+06	1.58E+06	1.29E+07	1.19E+07	1.38E+07	5.52E+05	6.71E+05	5.37E+05	2.69E+06	2.50E+06	2.74E+06	3.10E+04	1.84E+04	2.35E+04
Lmfp005436	Quercetin-3-O-(2''-Galloyl)Arabinoside	Flavonoids	Flavonols	9.00E+00	9.00E+00	9.00E+00	3.69E+04	3.90E+04	3.45E+04	4.75E+03	4.42E+03	3.33E+03	9.00E+00	9.00E+00	9.00E+00	9.49E+04	1.02E+05	9.66E+04	9.00E+00	9.00E+00	9.00E+00
Lmgp003546	4',5'-Dihydroxy-6,8-dimethoxyisoflavone-7-O-galactoside	Flavonoids	Isoflavones	1.10E+05	9.35E+04	1.12E+05	2.23E+06	2.30E+06	2.42E+06	2.58E+06	2.54E+06	2.94E+06	3.82E+05	4.06E+05	3.96E+05	5.79E+06	6.06E+06	5.77E+06	2.60E+06	2.80E+06	2.78E+06
Lmgp004167	3',4,4',5,7-Pentahydroxyflavan (Luteoforol)	Flavonoids	Flavanols	9.00E+00	9.00E+00	9.00E+00	3.14E+05	3.75E+05	2.75E+05	1.47E+05	1.14E+05	1.26E+05	1.11E+05	1.28E+05	8.29E+04	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
Lmgp004217	Diosmetin-8-C-(2''-O-rhamnosyl)glucoside	Flavonoids	Flavonoid carbonoside	9.00E+00	9.00E+00	9.00E+00	1.72E+04	2.38E+04	1.67E+04	9.00E+00	9.00E+00	9.00E+00	1.40E+04	1.19E+04	1.54E+04	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
Lmgp004784	Apiferol	Flavonoids	Flavones	1.91E+04	1.63E+04	1.91E+04	2.55E+05	2.47E+05	2.44E+05	1.46E+04	1.26E+04	1.05E+04	2.15E+04	2.67E+04	2.20E+04	2.08E+06	2.18E+06	2.03E+06	1.84E+04	8.56E+03	1.55E+04
Lmhn000921	3,4,5,3',4',5'-Hexahydroxydiphenoyl Acid-glucose	Tannins	Tannin	5.21E+04	4.65E+04	5.67E+04	1.51E+05	1.52E+05	1.37E+05	6.02E+04	6.14E+04	6.48E+04	1.42E+05	1.40E+05	1.39E+05	3.26E+05	3.28E+05	3.30E+05	9.00E+00	9.00E+00	9.00E+00
Lmhn004030	5,7,3',4',5'-Pentahydroxyflavan (Tricetiflavan)	Flavonoids	Flavanols	5.39E+06	4.82E+06	5.36E+06	1.79E+07	1.97E+07	1.86E+07	6.65E+06	6.85E+06	6.30E+06	9.31E+06	1.11E+07	9.18E+06	1.72E+07	1.62E+07	1.64E+07	4.16E+06	4.04E+06	3.61E+06
Lmhn004960	7-O-Galloyltricetiflavan	Flavonoids	Flavanols	9.01E+06	8.68E+06	9.46E+06	2.05E+07	2.02E+07	1.98E+07	1.44E+06	1.39E+06	1.51E+06	7.72E+06	8.29E+06	7.78E+06	1.51E+07	1.53E+07	1.64E+07	1.92E+06	1.97E+06	2.17E+06
Lmhp003217	2'-Hydoxy,5-methoxyGenistein-O-rhamnosyl-glucoside	Flavonoids	Isoflavones	6.93E+05	5.38E+05	6.10E+05	1.08E+07	9.90E+06	9.83E+06	2.70E+06	2.72E+06	2.93E+06	3.11E+06	3.37E+06	3.14E+06	2.62E+06	2.71E+06	2.64E+06	1.14E+06	9.05E+05	1.04E+06
Lmjn005592	Cirsilineol (4',5-Dihydroxy-3',6,7-trimethoxyflavone)	Flavonoids	Flavanones	9.00E+00	9.00E+00	9.00E+00	4.55E+03	2.82E+03	3.56E+03	1.21E+06	9.89E+05	1.26E+06	1.13E+04	1.00E+04	7.68E+03	2.65E+05	3.21E+05	2.75E+05	6.38E+05	6.77E+05	7.29E+05
Lmjp001877	anidin-3-O-sambubioside [Cyanidin-3-O-(2''-O-xylosyl)glucosid	Flavonoids	Anthocyanidins	9.17E+03	5.63E+03	9.82E+03	5.33E+04	5.91E+04	4.90E+04	6.50E+03	7.01E+03	7.00E+03	9.11E+03	1.11E+04	9.82E+03	1.12E+05	1.48E+05	1.37E+05	2.24E+03	2.15E+03	1.49E+03
Lmjp002461	Quercetin-3-O-neohesperidoside	Flavonoids	Flavonols	1.48E+06	1.36E+06	1.55E+06	2.12E+07	2.15E+07	2.10E+07	1.31E+07	1.37E+07	1.37E+07	1.57E+07	1.56E+07	1.50E+07	9.33E+06	8.89E+06	9.08E+06	2.11E+06	2.45E+06	2.22E+06
Lmjp002596	Quercetin-3-O-sambubioside	Flavonoids	Flavonols	9.00E+00	5.96E+03	6.46E+03	5.92E+05	8.09E+05	5.29E+05	4.49E+05	4.38E+05	4.50E+05	7.72E+05	6.67E+05	7.33E+05	1.15E+05	1.12E+05	1.09E+05	1.80E+04	1.41E+04	2.34E+04
Lmjp002906	Rhamnetin-3-O-Glucoside	Flavonoids	Flavonols	4.45E+05	3.80E+05	5.42E+05	2.48E+06	2.00E+06	1.90E+06	1.61E+06	1.58E+06	2.12E+06	3.03E+05	3.47E+05	3.15E+05	1.18E+07	1.19E+07	1.17E+07	1.28E+06	1.54E+06	1.41E+06
Lmjp003044	Isorhamnetin-3-O-Glucoside	Flavonoids	Flavonols	9.00E+00	9.00E+00	9.00E+00	8.93E+05	6.28E+05	8.04E+05	8.66E+05	8.62E+05	1.25E+06	3.49E+05	2.94E+05	2.98E+05	1.73E+06	1.87E+06	1.71E+06	1.14E+05	1.38E+05	1.15E+05
Lmjp003231	Patuletin-3-O-glucoside	Flavonoids	Flavonols	1.26E+04	3.35E+04	2.80E+04	5.60E+06	5.89E+06	6.35E+06	3.11E+06	3.63E+06	3.33E+06	3.58E+06	3.90E+06	3.16E+06	8.80E+05	6.84E+05	8.19E+05	8.35E+04	6.65E+04	9.17E+04
Lmjp003655	6-C-MethylKaempferol-3-glucoside	Flavonoids	Flavones	6.04E+05	6.27E+05	6.28E+05	5.69E+05	4.57E+05	5.76E+05	4.76E+05	5.74E+05	6.14E+05	2.55E+05	2.82E+05	3.11E+05	4.98E+06	5.90E+06	4.59E+06	1.08E+06	1.04E+06	1.06E+06
Lmjp004941	Rhamnocitrin (7-Methylkaempferol)	Flavonoids	Flavonols	1.30E+04	2.13E+04	1.24E+04	1.25E+05	1.23E+05	1.44E+05	2.83E+05	2.45E+05	2.93E+05	1.04E+05	1.21E+05	1.03E+05	2.59E+05	2.50E+05	2.63E+05	1.08E+06	7.57E+05	6.06E+05
Lmlp006175	Isosalipurposide (Phlorizin Chalcone)	Flavonoids	Chalcones	1.67E+05	1.72E+05	1.90E+05	2.00E+06	2.13E+06	1.83E+06	6.92E+05	7.75E+05	6.50E+05	3.72E+05	3.88E+05	3.23E+05	2.34E+06	2.03E+06	2.06E+06	1.57E+05	1.71E+05	1.85E+05
Lmmn003398	Kaempferol-3-O-(6''-acetyl)glucoside	Flavonoids	Flavonols	2.59E+03	3.92E+03	3.22E+03	1.87E+04	1.77E+04	1.46E+04	3.26E+03	3.42E+03	5.09E+03	4.13E+03	8.09E+03	9.68E+02	3.35E+04	2.75E+04	2.81E+04	5.17E+03	7.15E+03	5.51E+03
Lmmn004912	3-O-Methylquercetin	Flavonoids	Flavonols	5.15E+04	5.50E+04	5.67E+04	1.19E+06	1.07E+06	1.32E+06	3.13E+06	2.73E+06	2.74E+06	8.24E+05	9.12E+05	7.55E+05	4.02E+06	4.18E+06	4.23E+06	9.51E+05	1.15E+06	1.10E+06
Lmmp000897	Gallocatechin-(4α→8)-gallocatechin	Flavonoids	Flavanols	9.00E+00	9.00E+00	9.00E+00	7.15E+04	9.23E+04	7.09E+04	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
Lmmp001947	Gossypetin-3-O-glucoside	Flavonoids	Flavonols	9.00E+00	9.00E+00	9.00E+00	2.68E+05	3.26E+05	2.68E+05	1.09E+05	1.34E+05	6.72E+04	1.41E+06	2.07E+06	1.39E+06	6.25E+04	9.96E+04	2.83E+05	9.00E+00	9.00E+00	9.00E+00
Lmmp002334	Quercetin-3-O-rutinoside-7-O-glucoside	Flavonoids	Flavonols	3.60E+02	3.60E+02	1.45E+03	3.49E+04	4.00E+04	5.20E+04	2.76E+04	3.15E+04	2.94E+04	9.01E+04	9.92E+04	6.70E+04	1.33E+04	1.26E+04	5.12E+03	9.79E+03	1.31E+04	5.47E+03
Lmmp002463	Sexangularetin-3-O-glucoside-7-O-rhamnoside	Flavonoids	Flavonols	5.99E+05	5.56E+05	6.67E+05	9.93E+06	9.24E+06	1.00E+07	2.73E+06	2.81E+06	3.03E+06	3.96E+06	3.54E+06	3.27E+06	2.79E+06	2.56E+06	2.66E+06	1.25E+06	1.01E+06	9.88E+05
Lmmp002755	Quercetin-7-O-rutinoside-4'-O-glucoside	Flavonoids	Flavonols	9.00E+00	9.00E+00	9.00E+00	3.99E+05	3.40E+05	3.36E+05	2.51E+05	2.22E+05	2.98E+05	2.50E+05	3.00E+05	2.16E+05	2.66E+04	2.94E+04	2.83E+04	9.22E+04	1.15E+05	1.15E+05
Lmmp002795	Pratensein-7-O-glucoside	Flavonoids	Isoflavones	2.85E+04	2.41E+04	3.20E+04	4.10E+06	4.26E+06	4.02E+06	1.47E+06	1.51E+06	1.56E+06	8.19E+06	8.06E+06	8.13E+06	2.10E+06	1.94E+06	2.11E+06	4.54E+04	4.63E+04	5.25E+04
Lmmp002796	Gossypetin-3-O-rutinoside	Flavonoids	Flavonols	1.45E+04	1.17E+04	1.88E+04	1.24E+06	1.33E+06	1.24E+06	9.77E+05	1.01E+06	1.07E+06	7.83E+06	8.62E+06	7.38E+06	5.79E+05	5.15E+05	5.82E+05	1.82E+04	1.12E+04	1.39E+04
Lmmp003091	Quercetin-3-O-(4''-O-glucosyl)rhamnoside	Flavonoids	Flavonols	1.12E+06	1.07E+06	1.10E+06	1.79E+07	1.77E+07	1.60E+07	1.10E+07	1.05E+07	1.07E+07	1.30E+07	1.29E+07	1.32E+07	7.63E+06	6.84E+06	7.87E+06	1.77E+06	1.95E+06	1.74E+06
Lmmp003109	3'-O-Methyl-epicatechin	Flavonoids	Flavanols	1.06E+05	8.95E+04	1.22E+05	5.72E+05	5.62E+05	6.85E+05	8.74E+03	1.50E+04	9.81E+03	5.79E+04	4.41E+04	4.52E+04	5.16E+04	7.75E+04	6.05E+04	3.61E+04	1.80E+04	3.25E+04
Lmmp003266	Quercetin-3-O-(2''-malonyl)glucoside-7-O-arabinoside	Flavonoids	Flavonols	9.00E+00	9.00E+00	9.00E+00	6.79E+04	7.90E+04	9.57E+04	9.00E+00	9.00E+00	9.00E+00	1.98E+05	2.03E+05	1.99E+05	2.32E+04	2.05E+04	3.19E+04	9.00E+00	9.00E+00	9.00E+00
Lmmp003783	Quercetin-3-O-glucuronide	Flavonoids	Flavonols	1.54E+04	1.37E+04	1.73E+04	9.00E+00	9.00E+00	9.00E+00	2.49E+05	2.48E+05	3.10E+05	3.07E+04	3.30E+04	4.59E+04	2.05E+04	2.09E+04	2.21E+04	2.20E+04	1.13E+04	1.85E+04
Lmmp004504	2'-Hydroxygenistein	Flavonoids	Isoflavones	2.61E+03	2.61E+03	3.00E+03	1.21E+04	1.12E+04	9.70E+03	5.76E+03	5.29E+03	5.37E+03	5.61E+03	7.50E+03	5.57E+03	4.27E+05	4.77E+05	4.46E+05	2.33E+04	2.66E+04	2.94E+04
Lmmp006709	Kaempferol-3-O-(4''-p-coumaroyl)rhamnoside	Flavonoids	Flavonols	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	2.00E+04	2.22E+04	2.13E+04	9.00E+00	9.00E+00	9.00E+00
Lmmp007480	2,4,4'-trihydroxychalcone	Flavonoids	Flavones	9.00E+00	9.00E+00	9.00E+00	1.18E+04	1.06E+04	1.37E+04	2.99E+03	3.33E+03	4.27E+03	4.91E+03	7.09E+03	5.70E+03	2.51E+04	2.69E+04	2.31E+04	1.43E+05	1.57E+05	1.69E+05
Lmnp002845	Hispidulin-8-C-glucoside	Flavonoids	Flavonoid carbonoside	1.53E+04	8.35E+03	7.66E+03	5.81E+04	4.11E+04	3.97E+04	9.74E+03	9.05E+03	3.45E+03	1.85E+04	3.04E+04	1.43E+04	2.10E+06	2.25E+06	2.30E+06	1.10E+05	1.46E+05	1.51E+05
Lmpn006208	8-Methoxykaempferol-7-O-rhamnoside	Flavonoids	Flavonols	9.00E+00	9.00E+00	9.00E+00	1.77E+05	2.01E+05	1.53E+05	1.16E+05	9.87E+04	1.39E+05	1.09E+05	1.39E+05	1.15E+05	5.74E+05	5.53E+05	5.29E+05	1.63E+04	1.21E+04	1.14E+04
Lmpp003705	Procyanidin C1 3'-O-gallate	Tannins	Proanthocyanidins	4.08E+05	2.44E+05	2.82E+05	1.44E+05	1.92E+05	1.17E+05	4.41E+04	7.20E+04	5.53E+04	9.38E+04	1.06E+05	1.11E+05	1.42E+05	1.02E+05	1.27E+05	1.61E+04	1.60E+04	1.96E+04
Lmpp003930	Apigenin-7-O-(6''-p-Coumaryl)glucoside	Flavonoids	Flavones	9.00E+00	9.00E+00	9.00E+00	5.60E+04	5.54E+04	4.84E+04	5.06E+04	3.02E+04	3.05E+04	6.26E+04	6.94E+04	6.52E+04	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
Lmqn004838	3-O-Methylellagic acid	Tannins	Tannin	6.62E+03	6.99E+03	6.75E+03	6.40E+03	7.68E+03	8.82E+03	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	5.33E+04	4.96E+04	3.59E+04
Lmqp001553	Delphinidin-3-O-sophoroside-5-O-glucoside	Flavonoids	Anthocyanidins	9.00E+00	9.00E+00	9.00E+00	2.54E+03	1.60E+03	1.88E+03	9.00E+00	9.00E+00	9.00E+00	4.31E+03	5.75E+03	4.44E+03	1.62E+03	1.96E+03	1.77E+03	7.90E+03	6.53E+03	7.15E+03
Lmqp002170	Kaempferol-3-O-sophorotrioside	Flavonoids	Flavonols	9.00E+00	9.00E+00	9.00E+00	1.01E+04	1.28E+04	1.11E+04	8.99E+03	9.57E+03	9.89E+03	1.60E+04	1.77E+04	1.99E+04	9.00E+00	9.00E+00	9.00E+00	2.10E+04	3.00E+04	2.06E+04
Lmsn003297	3,4,2',4',6'-Pentahydroxychalcone-4'-O-glucoside	Flavonoids	Chalcones	9.72E+03	1.35E+04	1.12E+04	7.87E+04	9.17E+04	9.49E+04	2.57E+04	2.57E+04	2.75E+04	1.26E+04	1.58E+04	1.33E+04	4.81E+04	4.38E+04	4.44E+04	1.53E+04	1.77E+04	3.89E+04
Lmsn005161	3-Hydroxyphloretin-4'-O-(6''-O-galloyl)glucoside	Flavonoids	Chalcones	5.93E+04	3.04E+04	5.04E+04	7.03E+03	5.47E+03	4.66E+03	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
Lmsn005430	3-Hydroxyphloretin-4'-O-(2''-O-galloyl)glucoside	Flavonoids	Chalcones	2.52E+04	2.12E+04	2.06E+04	9.61E+03	5.92E+03	8.11E+03	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
Lmsn006036	3-Hydroxyphloretin-4'-O-(4'',6''-di-O-galloyl)glucoside	Flavonoids	Chalcones	9.00E+00	9.00E+00	9.00E+00	3.23E+04	2.94E+04	2.80E+04	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	1.44E+04	1.13E+04	1.56E+04	9.00E+00	9.00E+00	9.00E+00
Lmsn006101	droxyphloretin-4'-O-[3''-O-Galloyl-4'',6''-O-(S)-HHDP]-β-D-gluc	Flavonoids	Chalcones	9.00E+00	9.00E+00	9.00E+00	1.28E+03	2.54E+03	1.75E+03	9.00E+00	9.00E+00	9.00E+00	6.78E+03	7.34E+03	8.67E+03	3.60E+03	3.01E+03	2.69E+03	9.00E+00	9.00E+00	9.00E+00
Lmsn006753	Phloretin-4'-O-(6''-p-Coumaroyl)glucoside	Flavonoids	Chalcones	9.00E+00	9.00E+00	9.00E+00	2.94E+05	2.92E+05	2.90E+05	5.86E+03	5.13E+03	4.91E+03	1.62E+05	1.67E+05	1.65E+05	7.57E+05	7.75E+05	7.98E+05	8.24E+04	1.04E+05	9.48E+04
Lmsn007010	Phloretin-4'-O-(6''-Galloyl)glucoside+Salicyloyl	Flavonoids	Chalcones	9.00E+00	9.00E+00	9.00E+00	3.17E+03	2.39E+03	2.80E+03	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	1.70E+03	2.33E+03	2.06E+03	9.00E+00	9.00E+00	9.00E+00
Lmsp002982	Quercetin-3-O-sophoroside-7-O-rhamnoside	Flavonoids	Flavonols	3.47E+03	2.83E+03	2.01E+03	2.74E+05	2.80E+05	3.44E+05	2.38E+05	2.65E+05	3.05E+05	4.39E+05	4.71E+05	4.58E+05	6.52E+04	7.47E+04	9.22E+04	5.16E+05	9.17E+05	6.30E+05
Lmsp003729	Myricetin-3-O-rutinoside	Flavonoids	Flavonols	9.00E+00	9.00E+00	9.00E+00	4.98E+06	4.85E+06	4.76E+06	3.69E+06	3.72E+06	3.92E+06	2.89E+07	3.05E+07	2.84E+07	2.92E+06	2.72E+06	2.58E+06	9.00E+00	9.00E+00	9.00E+00
Lmsp003790	Isorhamnetin-3-O-sophoroside-7-O-rhamnoside	Flavonoids	Flavonols	9.00E+00	9.00E+00	9.00E+00	9.99E+05	9.54E+05	8.64E+05	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	4.32E+04	3.59E+04	3.59E+04	9.00E+00	9.00E+00	9.00E+00
Lmsp004166	Quercetin-3-O-glucoside-7-O-rhamnoside	Flavonoids	Flavonols	1.06E+06	1.07E+06	1.17E+06	1.64E+07	1.73E+07	1.70E+07	1.07E+07	1.10E+07	1.17E+07	1.12E+07	1.29E+07	1.22E+07	7.53E+06	7.04E+06	7.46E+06	1.57E+06	1.88E+06	1.78E+06
Lmsp004301	3',5,5',7-Tetrahydroxyflavanone-7-O-glucoside	Flavonoids	Flavanones	7.67E+03	9.33E+03	1.60E+03	2.52E+05	2.36E+05	3.54E+05	1.21E+05	1.07E+05	7.97E+04	5.90E+05	7.95E+05	4.85E+05	5.99E+04	4.31E+04	6.42E+04	4.21E+03	2.12E+04	1.67E+04
Lmsp004670	Kaempferol-3-O-glucoside-7-O-rhamnoside	Flavonoids	Flavonols	5.71E+04	4.46E+04	7.38E+04	1.95E+06	1.89E+06	1.60E+06	1.14E+06	1.14E+06	1.28E+06	2.74E+06	2.99E+06	2.70E+06	4.55E+05	4.51E+05	4.34E+05	1.20E+05	1.77E+05	9.53E+04
Lmsp004721	Tamarixetin-3-O-glucoside-7-O-rhamnoside	Flavonoids	Flavonols	5.98E+05	5.67E+05	7.14E+05	1.09E+07	8.20E+06	1.02E+07	2.78E+06	2.97E+06	3.15E+06	3.48E+06	3.31E+06	3.07E+06	2.63E+06	2.65E+06	2.77E+06	1.18E+06	9.55E+05	1.02E+06
Lmsp004851	3-Hydroxyphloretin	Flavonoids	Chalcones	9.00E+00	9.00E+00	9.00E+00	1.12E+05	1.12E+05	1.08E+05	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	2.68E+05	1.95E+05	2.18E+05	4.44E+04	5.65E+04	3.81E+04
Lmtn002796	Aromadendrin-7-O-glucoside	Flavonoids	Flavanonols	9.86E+06	1.00E+07	1.03E+07	2.79E+06	3.03E+06	2.96E+06	3.10E+05	3.78E+05	3.50E+05	1.21E+06	1.19E+06	1.02E+06	4.21E+06	4.14E+06	4.01E+06	7.82E+05	7.71E+05	7.40E+05
Lmtn002916	Mearnsetin-3-O-glucuronide	Flavonoids	Flavones	2.45E+05	2.05E+05	2.57E+05	8.79E+04	8.99E+04	8.50E+04	3.65E+05	2.98E+05	2.96E+05	2.67E+05	4.12E+05	2.01E+05	7.37E+05	7.19E+05	7.98E+05	2.46E+04	1.77E+04	1.94E+04
Lmtp001633	Peonidin-3-O-rutinoside-5-O-glucoside	Flavonoids	Anthocyanidins	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	6.77E+03	7.95E+03	8.05E+03
Lmtp002818	Kaempferol-3-(2'',6''-di-O-rhamnosyl)-glucoside	Flavonoids	Flavonols	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	4.50E+04	4.50E+04	4.57E+04	1.72E+04	1.40E+04	1.68E+04	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
Lmtp003079	Peonidin-3-O-rutinoside	Flavonoids	Anthocyanidins	6.55E+03	5.12E+03	3.34E+03	9.00E+00	9.00E+00	9.00E+00	3.26E+04	3.85E+04	4.11E+04	9.00E+00	9.00E+00	9.00E+00	2.74E+04	2.57E+04	1.97E+04	9.00E+00	9.00E+00	9.00E+00
Lmtp003948	3',5',5,7-Tetrahydroxy-4'-methoxyflavanone-3'-O-glucoside	Flavonoids	Flavones	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	6.86E+04	9.80E+04	7.29E+04	9.00E+00	9.00E+00	9.00E+00	2.06E+05	2.16E+05	2.12E+05	9.00E+00	9.00E+00	9.00E+00
Lmtp004044	Quercetin-3-O-apiosyl(1→2)galactoside	Flavonoids	Flavonols	9.00E+00	9.00E+00	9.00E+00	5.08E+05	5.56E+05	4.59E+05	4.64E+05	4.53E+05	4.46E+05	6.51E+05	6.10E+05	7.74E+05	1.00E+05	1.03E+05	1.03E+05	7.96E+03	4.18E+03	1.40E+04
Lmxn007456	Acerosin	Flavonoids	Flavones	2.12E+03	1.59E+03	3.59E+03	5.10E+04	5.15E+04	7.12E+04	1.94E+05	1.75E+05	1.80E+05	4.53E+05	4.67E+05	3.51E+05	5.11E+05	5.06E+05	5.00E+05	9.88E+05	1.28E+06	1.40E+06
Lmxn007955	Sudachitin	Flavonoids	Flavones	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	1.56E+05	1.08E+05	1.47E+05
Lmyn004037	"""Eriodictyol-7-O-(6""""-O-galloyl)glucoside"""	Flavonoids	Flavanones	5.45E+03	6.25E+03	6.71E+03	2.26E+03	7.97E+02	2.82E+03	4.35E+04	5.62E+04	4.16E+04	4.50E+03	4.28E+03	5.62E+03	1.67E+05	1.47E+05	1.38E+05	4.07E+03	5.29E+03	5.59E+03
Lmyn005006	"Eriodictyol-7-O-(6""-O-p-coumaroyl)glucoside"	Flavonoids	Flavanones	9.00E+00	9.00E+00	9.00E+00	1.50E+04	1.21E+04	1.38E+04	1.29E+03	1.85E+03	2.32E+03	3.92E+03	6.68E+03	5.99E+03	1.60E+05	1.71E+05	1.71E+05	3.17E+03	5.38E+03	2.70E+03
Lmyn006227	Galangin (3,5,7-Trihydroxyflavone)	Flavonoids	Flavones	2.11E+03	1.07E+03	1.37E+03	4.78E+03	3.57E+03	3.34E+03	2.98E+03	4.54E+03	4.60E+03	4.70E+03	3.80E+03	4.01E+03	1.20E+04	1.16E+04	1.22E+04	4.13E+04	4.55E+04	5.37E+04
Lmvn006922	Sakuranin	Flavonoids	Flavones	9.00E+00	9.00E+00	9.00E+00	3.54E+04	3.31E+04	2.21E+04	2.99E+04	3.20E+04	3.74E+04	1.33E+04	1.58E+04	8.90E+03	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00

Lmyp004407	Kaempferol-3-O-(2"-p-Coumaroyl)galactoside	Flavonoids	Flavones	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	8.05E+04	8.60E+04	8.53E+04	9.00E+00	9.00E+00	9.00E+00	9.77E+04	8.83E+04	8.74E+04	9.00E+00	9.00E+00	9.00E+00
Lmyp004617	Pinocembrin-7-O-glucoside (Pinocembroside)	Flavonoids	Flavanones	9.00E+00	9.00E+00	9.00E+00	7.44E+05	7.22E+05	7.64E+05	4.50E+04	5.06E+04	4.83E+04	4.66E+05	4.57E+05	4.77E+05	1.36E+05	1.37E+05	1.55E+05	9.00E+00	9.00E+00	9.00E+00
Lmzn001894	Kaempferol-3-O-glucuronide	Flavonoids	Flavonols	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	3.24E+04	2.72E+04	2.15E+04	1.03E+04	8.25E+03	9.46E+03	2.51E+04	2.93E+04	2.15E+04	4.78E+04	3.87E+04	4.25E+04
Lmzp004885	Tricin (5,7,4'-Trihydroxy-3',5'-dimethoxyflavone)	Flavonoids	Flavones	6.00E+03	7.40E+03	9.39E+03	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	6.95E+05	8.81E+05	7.64E+05	2.50E+05	2.58E+05	2.35E+05
Lnrp102163	Quercetin-3-O-rutinoside-7-O-rhamnoside	Flavonoids	Flavonols	2.12E+04	2.06E+04	2.51E+04	1.20E+06	1.62E+06	1.36E+06	2.56E+06	2.29E+06	2.20E+06	2.66E+06	2.80E+06	2.60E+06	1.05E+06	1.20E+06	1.06E+06	2.05E+05	3.77E+05	2.59E+05
mws0024	Gallic acid	Tannins	Tannin	3.33E+06	3.37E+06	3.86E+06	4.18E+07	4.42E+07	4.49E+07	8.43E+06	8.64E+06	8.38E+06	2.87E+07	3.29E+07	2.89E+07	3.66E+07	3.62E+07	3.68E+07	2.17E+07	2.38E+07	2.35E+07
mws0034	Epigallocatechin-3-gallate	Flavonoids	Flavanols	1.68E+05	1.66E+05	1.69E+05	1.14E+05	1.02E+05	8.09E+04	5.99E+04	4.03E+05	7.24E+04	1.68E+05	1.40E+05	1.21E+05	1.09E+05	9.21E+04	5.45E+04	1.24E+05	1.26E+05	1.08E+05
mws0042	Epigallocatechin	Flavonoids	Flavanols	7.71E+04	7.34E+04	8.31E+04	1.15E+06	1.15E+06	1.18E+06	1.37E+05	1.01E+05	1.53E+05	2.62E+05	3.20E+05	2.56E+05	2.21E+05	1.94E+05	1.90E+05	1.42E+04	1.36E+04	1.78E+04
mws0043	Nobiletin (5,6,7,8,3',4'-Hexamethoxyflavone)	Flavonoids	Flavones	6.10E+03	6.56E+03	6.71E+03	4.66E+03	4.62E+03	7.19E+03	6.36E+03	8.23E+03	5.63E+03	4.14E+03	4.69E+03	4.15E+03	5.02E+03	7.01E+03	4.93E+03	5.59E+03	7.62E+03	6.95E+03
mws0044	Dihydroquercetin (Taxifolin)	Flavonoids	Flavanonols	2.33E+05	2.01E+05	2.21E+05	1.90E+06	2.03E+06	2.19E+06	1.42E+06	1.47E+06	1.59E+06	4.43E+05	5.30E+05	4.30E+05	1.81E+06	1.73E+06	1.64E+06	3.79E+05	3.77E+05	4.19E+05
mws0045	Quercetin-3-O-rhamnoside (Quercitrin)	Flavonoids	Flavonols	9.00E+00	9.00E+00	9.00E+00	3.25E+07	3.38E+07	3.20E+07	7.00E+04	5.85E+04	7.20E+04	4.35E+05	6.81E+05	3.09E+05	1.60E+07	1.50E+07	1.54E+07	5.69E+04	3.20E+04	1.12E+04
mws0046	Naringenin-7-O-Neohesperidoside (Naringin)	Flavonoids	Flavanones	6.57E+03	3.93E+03	5.41E+03	3.99E+04	5.11E+04	5.19E+04	2.33E+05	2.19E+05	2.23E+05	8.65E+04	7.85E+04	8.04E+04	1.15E+04	9.22E+03	1.36E+04	4.29E+04	4.54E+04	4.05E+04
mws0047	Apigenin-7-O-neohesperidoside (Rhoifolin)	Flavonoids	Flavones	9.00E+00	9.00E+00	9.00E+00	6.05E+04	6.55E+04	6.75E+04	2.12E+04	3.44E+04	4.43E+04	6.19E+04	5.97E+04	5.94E+04	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
mws0054	Catechin	Flavonoids	Flavanols	1.83E+06	1.88E+06	1.92E+06	5.39E+06	6.71E+06	6.69E+06	4.86E+05	4.93E+05	4.76E+05	1.17E+06	1.32E+06	1.18E+06	1.56E+07	1.70E+07	1.71E+07	1.53E+06	1.34E+06	1.68E+06
mws0055	Tangeretin (4',5,6,7,8-Pentamethoxyflavone)	Flavonoids	Flavonols	7.03E+03	7.68E+03	7.63E+03	5.32E+03	4.53E+03	7.17E+03	6.71E+03	8.38E+03	6.28E+03	4.31E+03	4.28E+03	3.44E+03	6.25E+03	6.36E+03	6.61E+03	6.77E+03	7.14E+03	7.50E+03
mws0057	Eriodictyol-7-O-glucoside	Flavonoids	Flavanones	9.00E+00	9.00E+00	9.00E+00	1.68E+05	1.74E+05	2.79E+05	2.44E+05	1.71E+05	1.41E+05	5.13E+05	4.85E+05	5.54E+05	9.00E+00	9.00E+00	9.00E+00	9.75E+03	1.26E+04	6.25E+03
mws0059	Quercetin-3-O-rutinoside (Rutin)	Flavonoids	Flavonols	3.94E+05	3.24E+05	4.04E+05	4.89E+06	4.04E+06	4.98E+06	2.26E+06	2.91E+06	2.95E+06	3.70E+06	4.21E+06	3.29E+06	2.40E+06	2.33E+06	2.25E+06	6.20E+05	8.18E+05	8.54E+05
mws0061	Quercetin-3-O-galactoside (Hyperin)	Flavonoids	Flavonols	2.01E+06	1.75E+06	2.19E+06	2.77E+06	3.22E+06	2.45E+06	6.04E+06	6.44E+06	5.67E+06	1.48E+06	1.54E+06	1.29E+06	1.45E+07	1.25E+07	1.32E+07	8.79E+05	1.22E+06	1.18E+06
mws0062	Isoluteolin (Orobol)(5,7,3',4'-tetrahydroxyisoflavone)	Flavonoids	Isoflavones	9.00E+00	9.00E+00	9.00E+00	2.07E+04	1.54E+04	1.87E+04	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	3.22E+05	3.79E+05	3.48E+05	1.90E+04	2.12E+04	2.01E+04
mws0064	Eriodictyol (5,7,3',4'-Tetrahydroxyflavanone)	Flavonoids	Flavanones	7.88E+03	8.18E+03	6.66E+03	1.21E+07	1.01E+07	1.15E+07	1.35E+05	1.35E+05	1.31E+05	3.11E+04	4.02E+04	3.30E+04	7.48E+05	7.46E+05	7.74E+05	5.09E+04	5.84E+04	6.24E+04
mws0066	Isorhamnetin	Flavonoids	Flavonols	1.58E+03	1.97E+03	2.16E+03	2.71E+04	2.78E+04	2.78E+04	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	1.81E+04	1.63E+04	1.49E+04	1.08E+04	1.08E+04	1.17E+04
mws0072	Apigenin-5-O-glucoside	Flavonoids	Flavones	9.00E+00	9.00E+00	9.00E+00	7.71E+05	7.33E+05	6.83E+05	9.00E+00	9.00E+00	9.00E+00	1.44E+06	1.37E+06	1.31E+06	5.19E+06	5.27E+06	5.04E+06	3.88E+05	5.58E+05	4.77E+05
mws0089	Kaempferol-7-O-glucoside	Flavonoids	Flavonols	9.39E+05	7.75E+05	9.64E+05	1.40E+07	1.22E+07	1.31E+07	3.15E+06	3.15E+06	3.65E+06	9.60E+06	1.06E+07	1.07E+07	6.29E+07	6.25E+07	6.29E+07	5.34E+06	5.49E+06	5.80E+06
mws0091	Quercetin-3-O-glucoside (Isoquercitrin)	Flavonoids	Flavonols	2.32E+06	1.77E+06	2.19E+06	3.10E+06	3.15E+06	3.10E+06	5.38E+06	6.00E+06	5.90E+06	1.46E+06	1.63E+06	1.37E+06	1.31E+07	1.32E+07	1.43E+07	9.04E+05	1.15E+06	1.17E+06
mws0355	Catechin gallate	Flavonoids	Flavanols	6.67E+06	6.51E+06	5.94E+06	1.39E+07	1.45E+07	1.37E+07	1.04E+06	9.34E+05	9.66E+05	5.84E+06	6.01E+06	5.48E+06	1.22E+07	1.16E+07	1.10E+07	1.33E+06	1.44E+06	1.28E+06
mws0744	Dihydromyricetin (Ampelopsin)	Flavonoids	Flavanonols	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	3.11E+04	3.42E+04	3.32E+04	5.02E+04	6.18E+04	6.34E+04	9.00E+00	9.00E+00	9.00E+00
mws0791	Poncirin (Isosakuranetin-7-O-neohesperidoside)	Flavonoids	Flavanones	9.39E+02	1.26E+03	1.05E+03	1.80E+05	1.83E+05	1.78E+05	4.96E+05	5.55E+05	5.53E+05	1.98E+05	1.39E+05	1.97E+05	6.52E+05	7.06E+05	7.25E+05	1.60E+04	2.55E+04	2.23E+04
mws0836	Procyanidin B1	Tannins	Proanthocyanidins	1.61E+06	1.46E+06	1.89E+06	9.40E+06	1.06E+07	1.07E+07	1.18E+06	1.28E+06	1.19E+06	2.09E+06	2.05E+06	1.98E+06	2.22E+07	2.23E+07	2.17E+07	5.03E+05	4.92E+05	5.53E+05
mws0856	Quercetin-4'-O-glucoside (Spiraeoside)	Flavonoids	Flavonols	4.56E+06	4.18E+06	5.24E+06	8.02E+06	7.57E+06	8.21E+06	1.39E+07	1.31E+07	1.66E+07	3.89E+06	3.96E+06	3.51E+06	2.47E+07	3.06E+07	2.17E+07	2.08E+06	2.48E+06	2.51E+06
mws0895	Genistein-7-O-Glucoside (Genistin)	Flavonoids	Isoflavones	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	2.83E+04	2.20E+04	2.94E+04	1.01E+05	1.03E+05	9.50E+04	2.35E+04	2.81E+04	2.36E+04
mws0913	Kaempferol-3-O-galactoside (Trifolin)	Flavonoids	Flavonols	1.53E+05	1.18E+05	1.67E+05	1.08E+05	1.41E+05	9.57E+04	1.69E+05	2.01E+05	1.68E+05	7.01E+04	7.12E+04	5.61E+04	1.43E+06	1.65E+06	1.61E+06	7.19E+04	1.13E+05	9.26E+04
mws0914	Pinobanksin	Flavonoids	Flavanonols	4.53E+04	4.43E+04	4.57E+04	4.67E+07	4.64E+07	4.64E+07	4.23E+05	4.08E+05	4.44E+05	7.27E+05	8.71E+05	6.40E+05	9.55E+05	1.02E+06	1.07E+06	1.25E+04	7.07E+03	1.06E+04
mws0918	Prunetin (5,4'-Dihydroxy-7-methoxyisoflavone)	Flavonoids	Isoflavones	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	7.39E+03	2.25E+04	8.06E+03	3.60E+03	3.98E+03	4.26E+03	7.93E+03	1.08E+04	1.01E+04
mws0919	Kaempferol-3-O-rhamnoside (Afzelin)(Kaempferin)	Flavonoids	Flavonols	3.13E+03	1.89E+03	3.06E+03	4.75E+07	4.84E+07	4.62E+07	5.15E+04	4.93E+04	4.89E+04	2.94E+05	4.26E+05	2.67E+05	2.52E+07	2.54E+07	2.55E+07	1.43E+04	1.01E+04	1.08E+04
mws0920	Tricetin (5,7,3',4',5'-Pentahydroxyflavone)	Flavonoids	Flavones	9.00E+00	9.00E+00	9.00E+00	1.60E+04	2.74E+04	1.63E+04	9.00E+00	9.00E+00	9.00E+00	3.74E+03	4.01E+03	6.40E+03	1.31E+06	1.28E+06	1.49E+06	6.85E+03	5.16E+03	6.56E+03
mws1073	Apigenin-6,8-di-C-glucoside (Vicenin-2)	Flavonoids	Flavonoid carbonoside	2.05E+05	2.06E+05	2.17E+05	1.41E+05	1.28E+05	1.26E+05	1.29E+05	1.47E+05	1.58E+05	2.37E+06	2.79E+06	2.65E+06	1.70E+05	1.89E+05	1.64E+05	7.47E+04	4.95E+04	7.59E+04
mws1174	3-O-Acetylpinobanksin	Flavonoids	Flavanonols	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	1.49E+05	1.16E+05	1.10E+05	9.00E+00	9.00E+00	9.00E+00	1.90E+05	2.20E+05	1.99E+05
mws1179	Naringenin-7-O-glucoside (Prunin)	Flavonoids	Flavanones	6.23E+03	1.39E+04	1.86E+04	3.70E+05	3.91E+05	3.47E+05	1.17E+05	1.28E+05	1.15E+05	1.85E+05	1.71E+05	1.73E+05	3.05E+05	3.13E+05	2.96E+05	4.98E+04	5.95E+04	5.68E+04
mws1290	Kaempferol-3-O-(6"-p-Coumaroyl)glucoside (Tiliroside)	Flavonoids	Flavonols	9.00E+00	9.00E+00	9.00E+00	1.72E+05	1.93E+05	7.07E+04	5.18E+05	5.13E+05	5.46E+05	1.74E+05	1.83E+05	1.85E+05	6.91E+05	6.44E+05	6.49E+05	1.68E+04	1.84E+04	2.20E+04
mws1299	Luteolin-8-C-glucoside (Orientin)	Flavonoids	Flavonoid carbonoside	9.00E+00	9.00E+00	9.00E+00	1.77E+06	1.66E+06	1.39E+06	2.11E+04	1.36E+04	1.86E+04	9.24E+05	9.24E+05	8.22E+05	1.37E+07	1.32E+07	1.52E+07	2.03E+05	2.69E+05	2.58E+05
mws1329	Quercetin-7-O-glucoside	Flavonoids	Flavonols	6.26E+04	5.59E+04	5.13E+04	1.54E+05	1.53E+05	1.61E+05	1.03E+07	1.15E+07	1.27E+07	7.31E+05	6.44E+05	6.89E+05	3.75E+05	3.94E+05	3.92E+05	2.83E+04	2.50E+04	4.08E+04
mws1361	Taxifolin-3-O-rhamnoside (Astilbin)	Flavonoids	Flavanonols	9.63E+02	1.44E+03	1.28E+03	2.04E+05	2.37E+05	1.95E+05	3.03E+04	2.73E+04	3.50E+04	8.53E+04	9.91E+04	8.76E+04	1.72E+05	1.66E+05	1.62E+05	1.61E+04	1.57E+04	2.17E+04
mws1397	Epicatechin gallate	Flavonoids	Flavanols	7.31E+06	6.46E+06	6.22E+06	1.48E+07	1.25E+07	1.33E+07	1.07E+06	1.03E+06	1.07E+06	5.80E+06	6.82E+06	5.51E+06	1.07E+07	1.22E+07	1.11E+07	1.38E+06	1.45E+06	1.24E+06
mws1422	Epiafzelechin	Flavonoids	Flavanols	4.25E+04	2.94E+04	3.91E+04	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.69E+05	1.03E+06	1.14E+06	4.79E+05	4.75E+05	4.75E+05
mws1434	Apigenin-6-C-glucoside (Isovitexin)	Flavonoids	Flavonoid carbonoside	8.10E+03	7.81E+03	8.60E+03	1.16E+06	1.34E+06	1.26E+06	7.54E+03	7.52E+03	1.09E+04	6.84E+06	5.89E+06	6.40E+06	2.20E+07	2.41E+07	2.06E+07	4.64E+06	7.49E+06	5.54E+06
mws1454	Persicoside	Flavonoids	Flavanones	4.72E+03	6.99E+03	6.50E+03	1.81E+05	1.92E+05	1.93E+05	2.76E+05	2.50E+05	2.75E+05	9.20E+04	9.11E+04	1.04E+05	4.82E+05	5.14E+05	4.67E+05	1.38E+05	1.81E+05	1.33E+05
mws1608	Luteolin-6-C-glucoside (Isoorientin)	Flavonoids	Flavonoid carbonoside	7.62E+03	1.26E+04	8.51E+03	7.48E+05	8.52E+05	7.70E+05	2.61E+04	1.85E+04	1.31E+04	2.33E+06	1.82E+06	2.16E+06	1.83E+07	1.91E+07	1.47E+07	7.60E+05	1.14E+06	8.05E+05
MWS20147	Luteolin-3'-O-glucoside	Flavonoids	Flavones	6.79E+05	5.97E+05	6.79E+05	1.13E+07	1.24E+07	1.14E+07	2.57E+06	2.24E+06	2.51E+06	6.16E+06	6.05E+06	5.75E+06	5.17E+07	5.90E+07	5.59E+07	3.44E+06	4.09E+06	4.29E+06
MWS20148	Apigenin-3'-O-α-D-glucopyranoside	Flavonoids	Flavones	3.23E+04	1.41E+04	3.02E+04	8.28E+04	8.52E+04	8.46E+04	3.45E+04	3.78E+04	2.49E+04	1.61E+05	1.41E+05	1.43E+05	1.69E+05	1.56E+05	1.16E+05	8.48E+03	7.42E+03	8.99E+03
MWS20151	Apigenin	Flavonoids	Flavones	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	1.92E+04	1.87E+04	2.01E+04
MWS20190	5,7,4'-trihydroxy-6,3',5'-trimethoxyisoflavone	Flavonoids	Isoflavones	2.59E+03	1.95E+03	3.57E+03	3.44E+04	3.66E+04	4.89E+04	1.47E+05	1.25E+05	1.31E+05	3.16E+05	3.12E+05	2.38E+05	3.15E+05	3.10E+05	3.16E+05	7.58E+05	9.07E+05	9.99E+05
mws2118	Phloretin-2'-O-glucoside (Phlorizin)	Flavonoids	Chalcones	6.56E+04	6.32E+04	5.90E+04	2.93E+06	3.05E+06	3.46E+06	1.21E+05	1.16E+05	1.21E+05	9.17E+05	1.02E+06	8.71E+05	3.29E+06	3.00E+06	3.69E+06	5.45E+05	5.97E+05	6.48E+05
mws2186	Avicularin (Quercetin-3-O-α-L-arabinofuranoside)	Flavonoids	Flavonols	9.04E+04	7.41E+04	1.31E+05	1.68E+06	1.68E+06	1.61E+06	1.36E+07	1.31E+07	1.25E+07	6.11E+05	6.64E+05	6.24E+05	2.94E+06	2.59E+06	2.70E+06	2.15E+04	2.42E+04	3.61E+04
mws2220	Gallocatechin 3-O-gallate	Flavonoids	Flavanols	1.86E+05	1.75E+05	1.76E+05	9.79E+04	7.01E+04	5.13E+04	9.54E+04	4.71E+05	8.08E+04	1.01E+05	1.11E+05	8.71E+04	1.19E+05	1.33E+05	1.19E+05	1.65E+05	1.51E+05	1.41E+05
mws4160	Wogonin (5,7-Dihydroxy-8-Methoxyflavone)	Flavonoids	Flavones	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	5.70E+03	2.74E+03	2.55E+03	1.18E+03	9.71E+02	4.75E+03	8.36E+03	1.22E+04	8.05E+03
MWSHY0009	Diosmetin (5,7,3'-Trihydroxy-4'-methoxyflavone)	Flavonoids	Flavanones	1.37E+04	2.40E+04	1.46E+04	1.22E+05	1.23E+05	1.46E+05	2.92E+05	2.46E+05	2.82E+05	1.01E+05	1.20E+05	1.01E+05	2.56E+05	2.55E+05	2.71E+05	1.12E+06	7.35E+05	5.84E+05
MWSHY0029	Quercetin	Flavonoids	Flavonols	7.00E+03	6.27E+03	5.13E+03	4.15E+05	4.00E+05	4.24E+05	1.07E+05	1.01E+05	1.05E+05	1.05E+06	9.69E+05	1.11E+06	5.49E+05	5.54E+05	5.47E+05	2.02E+05	2.35E+05	2.17E+05
MWSHY0038	Naringin Dihydrochalcone	Flavonoids	Chalcones	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	6.90E+03	6.22E+03	6.89E+03
MWSHY0042	Syringaldehyde	Flavonoids	Flavones	2.08E+05	2.32E+05	2.24E+05	7.45E+03	6.77E+03	9.59E+03	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	3.52E+04	4.60E+04	4.93E+04
MWSHY0050	Kaempferol-3-O-rutinoside (Nicotiflorin)	Flavonoids	Flavonols	1.04E+03	1.35E+03	7.65E+03	7.42E+05	9.07E+05	8.19E+05	2.20E+05	2.74E+05	2.75E+05	1.62E+06	1.56E+06	1.47E+06	1.47E+05	1.43E+05	1.29E+05	3.06E+04	6.05E+04	4.59E+04
MWSHY0051	Kaempferol (3,5,7,4'-Tetrahydroxyflavone)	Flavonoids	Flavonols	9.00E+00	9.00E+00	9.00E+00	4.26E+04	3.83E+04	4.58E+04	9.00E+00	9.00E+00	9.00E+00	2.86E+04	3.18E+04	2.93E+04	9.00E+00	9.00E+00	9.00E+00	8.24E+03	1.32E+04	9.11E+03
MWSHY0061	Kaempferol-3-O-neohesperidoside	Flavonoids	Flavonols	2.75E+03	1.01E+04	2.37E+04	1.44E+06	1.51E+06	1.55E+06	4.99E+05	4.42E+05	4.73E+05	2.20E+06	2.37E+06	2.30E+06	2.51E+05	2.40E+05	3.49E+05	9.05E+04	1.89E+05	9.94E+04
MWSHY0064	Isorhamnetin-3-O-neohespeidoside	Flavonoids	Flavonols	5.73E+05	5.69E+05	6.19E+05	9.63E+06	9.95E+06	9.35E+06	2.69E+06	2.94E+06	3.03E+06	3.60E+06	3.27E+06	3.32E+06	2.58E+06	2.51E+06	2.66E+06	1.17E+06	1.04E+06	1.03E+06
MWSHY0079	Liquiritigenin-4'-O-Glucoside (Liquiritin)	Flavonoids	Flavones	9.00E+00	9.00E+00	9.00E+00	5.88E+04	5.41E+04	4.58E+04	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	7.63E+04	6.36E+04	6.01E+04	4.46E+04	4.62E+04	4.29E+04
MWSHY0080	Luteolin-7-O-neohesperidoside (Lonicerin)	Flavonoids	Flavones	1.88E+04	8.08E+03	1.39E+04	1.29E+06	1.54E+06	1.38E+06	4.86E+05	5.19E+05	5.59E+05	2.30E+06	2.55E+06	2.38E+06	2.72E+05	2.89E+05	3.00E+05	1.02E+05	1.66E+05	1.19E+05
MWSHY0092	Eriodictyol-7-O-Rutinoside (Eriocitrin)	Flavonoids	Flavanones	7.32E+04	5.92E+04	1.10E+05	3.34E+06	2.66E+06	2.79E+06	1.70E+06	1.69E+06	1.90E+06	4.41E+06	4.98E+06	4.68E+06	6.89E+05	7.02E+05	6.24E+05	1.95E+05	2.75E+05	1.76E+05
MWSHY0102	Morin	Flavonoids	Flavonols	6.64E+03	5.65E+03	5.76E+03	4.15E+05	4.22E+05	4.31E+05	8.95E+04	8.78E+04	1.01E+05	1.02E+06	9.75E+05	1.09E+06	5.99E+05	5.57E+05	5.52E+05	2.02E+05	2.04E+05	2.30E+05
MWSHY0135	Isorhamnetin-3-O-rutinoside (Narcissin)	Flavonoids	Flavones	6.47E+05	6.00E+05	7.19E+05	1.23E+07	1.04E+07	1.04E+07	2.71E+06	2.64E+06	2.79E+06	3.56E+06	3.56E+06	3.41E+06	2.61E+06	2.63E+06	2.56E+06	1.18E+06	9.58E+05	1.15E+06
MWSHY0136	Kaempferol-3-O-glucoside (Astragalin)	Flavonoids	Flavonols	7.43E+05	5.87E+05	6.21E+05	1.09E+07	1.17E+07	1.23E+07	2.56E+06	2.45E+06	2.33E+06	6.63E+06	6.23E+06	5.99E+06	5.31E+07	5.56E+07	5.62E+07	3.82E+06	4.11E+06	4.22E+06
MWSHY0162	Quercetin-3-O-sophoroside (Baimaside)	Flavonoids	Flavonols	9.00E+00	9.00E+00	9.00E+00	3.00E+05	2.53E+05	2.33E+05	1.10E+05	1.01E+05	1.34E+05	4.83E+05	4.50E+05	3.65E+05	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
MWSHY0181	Apigenin-8-C-Glucoside (Vitexin)	Flavonoids	Flavonoid carbonoside	9.00E+00	9.00E+00	9.00E+00	2.51E+06	3.22E+06	2.37E+06	2.19E+04	1.25E+04	1.09E+04	5.81E+06	5.39E+06	5.63E+06	2.04E+07	1.82E+07	2.14E+07	2.31E+06	2.61E+06	2.64E+06
MWSHY0189	Apigenin-7-O-glucoside (Cosmosiin)	Flavonoids	Flavones	9.00E+00	9.00E+00	9.00E+00	7.36E+04	6.87E+04	7.43E+04	2.05E+04	2.88E+04	2.93E+04	1.59E+05	1.20E+05	1.46E+05	1.29E+05	1.17E+05	1.25E+05	9.00E+00	9.00E+00	9.00E+00
MWSHY0199	Quercetin-3-O-(6"-galloyl)galactoside	Flavonoids	Flavones	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	1.89E+05	9.61E+04	1.44E+05	9.00E+00	9.00E+00	9.00E+00
MWSmce588	Licochalcone B	Flavonoids	Chalcones	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	1.79E+04	8.75E+03	1.49E+04
MWSslk049	Silibinin	Flavonoids	Flavanonols	2.70E+03	3.11E+03	3.56E+03	1.73E+04	1.83E+04	1.92E+04	9.00E+00	9.00E+00	9.00E+00	1.45E+04	1.14E+04	1.42E+04	1.16E+05	1.09E+05	1.06E+05	6.55E+03	1.06E+04	6.69E+03
MWSslk101	4-Hydroxychalcone	Flavonoids	Chalcones	9.00E+00	9.00E+00	9.00E+00	6.28E+03	6.13E+03	1.01E+04	9.00E+00	9.00E+00	9.00E+00	3.99E+04	3.70E+04	4.21E+04	6.92E+03	6.03E+03	7.56E+03	9.00E+00	9.00E+00	9.00E+00
MWSslk252	Didymin (Isosakuranetin-7-O-rutinoside)	Flavonoids	Flavanones	9.00E+00	9.00E+00	9.00E+00	1.81E+05	2.07E+05	1.96E+05	5.53E+05	5.85E+05	5.97E+05	2.52E+05	2.34E+05	2.53E+05	7.85E+05	7.39E+05	7.39E+05	1.91E+04	2.33E+04	2.52E+04
MWSslk254	Kaempferol-3-O-glucorhamnoside	Flavonoids	Flavonols	4.99E+04	6.06E+04	6.62E+04	1.71E+06	1.80E+06	1.56E+06	1.10E+06	1.06E+06	1.21E+06	2.62E+06	2.79E+06	2.72E+06	4.17E+05	4.25E+05	4.30E+05	9.60E+04	1.84E+05	1.08E+05
p2357	Cyanidin-3-O-O-rhamnoside	Flavonoids	Anthocyanidins	9.00E+00	9.00E+00	9.00E+00	1.85E+05	1.85E+05	1.77E+05	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
pmb0545	Rosinidin-3-O-glucoside	Flavonoids	Anthocyanidins	5.97E+04	6.33E+04	5.21E+04	8.19E+04	8.54E+04	5.75E+04	1.46E+05	1.46E+05	1.40E+05	4.93E+04	4.45E+04	6.40E+04	6.06E+04	4.34E+04	7.24E+04	1.09E+04	2.07E+04	1.44E+04
pmb0550	Cyanidin-3-O-glucoside (Kuromanin)	Flavonoids	Anthocyanidins	5.44E+06	3.80E+06	5.76E+06	2.24E+07	2.19E+07	2.22E+07	3.16E+06	3.47E+06	3.19E+06	2.35E+05	2.90E+05	2.40E+05	8.35E+05	1.15E+06	8.73E+05	9.00E+00	9.00E+00	9.00E+00
pmb0566	Luteolin-7-O-glucoside-5-O-arabinoside	Flavonoids	Flavones	1.54E+04	1.14E+04	1.07E+04	9.00E+00	9.00E+00	9.00E+00	1.75E+04	1.04E+04	1.55E+04	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
pmb0578	Luteolin-7-O-(6"-sinapoyl)glucoside	Flavonoids	Flavones	4.88E+03	3.90E+03	5.27E+03	1.57E+03	2.39E+03	1.33E+03	2.39E+03	3.91E+03	3.36E+03	2.74E+03	3.62E+03	3.82E+03	1.29E+04	1.34E+04	1.18E+04	6.71E+03	3.17E+03	4.78E+03
pmb0623	Chrysoeriol-6-C-glucoside-7-O-glucoside	Flavonoids	Flavonoid carbonoside	9.00E+00	9.00E+00	9.00E+00	3.37E+04	2.78E+04	2.85E+04	9.00E+00	9.00E+00	9.00E+00	6.70E+04	6.17E+04	6.90E+04	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
pmb0665	Orientin-7-O-glucoside	Flavonoids	Flavonoid carbonoside	2.18E+06	2.49E+06	2.73E+06	3.56E+07	3.64E+07	3.34E+07	2.30E+07	2.28E+07	2.50E+07	2.81E+07	2.82E+07	2.71E+07	1.60E+07	1.40E+07	1.62E+07	3.96E+06	4.59E+06	4.18E+06
pmb0725	Tricin-7-O-(2"-feruloyl)glucoside	Flavonoids	Flavones	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	7.07E+03	8.39E+03	8.67E+03	9.00E+00	9.00E+00	9.00E+00
pmb0736	Tricin-7-O-Glucoside	Flavonoids	Flavones	1.10E+05	8.87E+04	1.17E+05	2.27E+06	2.49E+06	2.35E+06	2.51E+06	2.44E+06	2.84E+06	3.74E+05	3.79E+05	3.78E+05	5.39E+06	5.84E+06	5.60E+06	2.60E+06	2.70E+06	2.73E+06
pmb2928	Gallic acid-4-O-glucoside	Tannins	Tannin	6.00E+06	4.93E+06	6.62E+06	3.53E+06	3.43E+06	3.68E+06	4.94E+06	5.05E+06	4.97E+06	8.44E+06	9.78E+06	8.23E+06	2.97E+06	2.80E+06	3.14E+06	9.90E+05	9.06E+05	1.03E+06
pmb2947	Catechin-catechin-catechin	Flavonoids	Flavanols	9.00E+00	9.00E+00	9.00E+00	1.79E+06	2.07E+06	2.10E+06	1.74E+05	2.22E+05	2.24E+05	1.93E+05	2.17E+05	1.93E+05	8.26E+05	8.77E+05	9.05E+05	9.00E+00	9.00E+00	9.00E+00
pmb2970	Hesperetin-5,7-di-O-glucoside	Flavonoids	Flavanonols	9.00E+00	9.00E+00	9.00E+00	2.57E+03	3.88E+03	5.00E+03	4.85E+03	3.33E+03	4.21E+03	8.93E+04	8.81E+04	8.38E+04	2.87E+03	3.74E+03	3.64E+03	2.31E+04	2.17E+04	2.26E+04
pmb2979	Hesperetin-7-O-(6"-malonyl)glucoside	Flavonoids	Flavanonols	2.76E+04	2.69E+04	3.49E+04	3.04E+04	2.79E+04	3.29E+04	2.09E+05	2.07E+05	1.96E+05	6.33E+04	4.43E+04	6.00E+04	5.73E+04	5.89E+04	5.62E+04	1.29E+04	5.55E+03	9.03E+03
pmb2997	Chrysoeriol-7-O-Sophoroside-5-O-glucuronide	Flavonoids	Flavones	9.00E+00	9.00E+00	9.00E+00	7.29E+04	5.48E+04	5.73E+04	9.71E+03	1.22E+04	1.36E+04	1.60E+04	1.54E+04	2.30E+04	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
pmb3000	Chrysoeriol-7-O-(6"-acetyl)glucoside	Flavonoids	Flavones	9.00E+00	9.00E+00	9.00E+00	1.98E+04	2.00E+04	1.75E+04	2.26E+03	6.16E+03	2.86E+03	4.80E+03	6.73E+03	5.28E+03	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
pmb3012	Chrysoeriol-7-O-glucoside	Flavonoids	Flavones	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	2.87E+06	3.01E+06	3.27E+06	2.55E+05	2.91E+05	2.24E+05	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
pmb3014	Luteolin-7-O-(6"-eudesmyl)glucoside	Flavonoids	Flavones	1.99E+05	1.79E+05	2.04E+05	5.76E+03	1.13E+04	6.91E+03	7.90E+03	7.21E+03	9.79E+03	9.00E+00	9.00E+00	9.00E+00	7.61E+03	6.90E+03	3.64E+03	9.00E+00	9.00E+00	9.00E+00
pmb3041	Tricin-7-O-saccharic acid	Flavonoids	Flavones	1.21E+05	1.04E+05	1.39E+05	1.19E+06	1.13E+06	1.13E+06	3.44E+06	4.30E+06	4.64E+06	3.18E+06	2.32E+06	3.19E+06	9.63E+05	9.17E+05	8.82E+05	2.89E+05	2.63E+05	2.90E+05
pmb3045	Tricin-7-O-Glucuronide	Flavonoids	Flavones	3.81E+04	4.26E+04	4.73E+04	3.92E+03	7.43E+03	5.85E+03	3.59E+04	3.21E+04	3.94E+04	3.03E+04	2.51E+04	2.51E+04	1.34E+04	9.27E+03	9.26E+03	9.00E+00	9.00E+00	9.00E+00
pmb3114	Epicatechin-epiafzelechin	Flavonoids	Flavanols	3.26E+05	3.47E+05	3.26E+05	3.41E+05	3.20E+05	2.82E+05	1.67E+05	1.81E+05	1.65E+05	3.52E+05	3.13E+05	3.12E+05	3.01E+06	2.87E+06	2.98E+06	1.08E+07	1.11E+07	1.03E+07
pme0088	Luteolin (5,7,3',4'-Tetrahydroxyflavone)	Flavonoids	Flavones	2.49E+04	2.32E+04	1.85E+04	1.79E+05	2.02E+05	2.01E+05	2.88E+04	3.20E+04	2.66E+04	3.59E+04	4.13E+04	3.45E+04	4.12E+06	4.28E+06	3.99E+06	2.15E+05	2.22E+05	2.09E+05
pme0368	Apigenin-7-O-rutinoside (Isorhoifolin)	Flavonoids	Flavones	2.05E+05	2.76E+05	2.21E+05	4.63E+05	4.52E+05	3.67E+05	2.88E+05	2.77E+05	2.97E+05	2.65E+05	2.43E+05	2.57E+05	1.04E+05	1.12E+05	1.12E+05	5.13E+04	3.50E+04	6.60E+04
pme0376	Naringenin (5,7,4'-Trihydroxyflavanone)	Flavonoids	Flavanones	2.56E+04	2.41E+04	2.84E+04	2.72E+06	2.50E+06	2.78E+06	1.08E+05	1.12E+05	1.15E+05	1.71E+05	2.00E+05	1.59E+05	3.13E+05	2.90E+05	2.89E+05	3.53E+05	4.27E+05	4.20E+05
pme0430	Procyanidin A1	Tannins	Proanthocyanidins	9.00E+00	9.00E+00	9.00E+00	1.18E+04	1.39E+04	1.18E+04	1.21E+04	1.43E+04	9.24E+03	9.00E+00	9.00E+00	9.00E+00	1.50E+04	7.67E+03	1.19E+04	9.00E+00	9.00E+00	9.00E+00
pme0432	Procyanidin A2	Tannins	Proanthocyanidins	3.02E+04	2.28E+04	2.47E+04	5.70E+04	4.23E+04	3.13E+04	2.15E+04	1.39E+04	1.65E+04	1.43E+04	1.12E+04	1.43E+04	2.45E+04	2.39E+04	2.49E+04	6.22E+04	6.34E+04	6.52E+04
pme0434	Procyanidin B2	Tannins	Proanthocyanidins	5.65E+06	5.97E+06	5.50E+06	1.87E+07	1.93E+07	2.06E+07	7.14E+06	7.74E+06	7.61E+06	8.69E+06	8.11E+06	7.50E+06	9.57E+06	9.73E+06	1.02E+07	9.68E+05	9.54E+05	9.24E+05
pme0436	Procyanidin B3	Tannins	Proanthocyanidins	5.53E+05	4.71E+05	6.02E+05	7.01E+06	5.65E+06	5.80E+06	1.42E+05	1.54E+05	4.30E+04	4.95E+05	4.65E+05	5.20E+05	1.68E+07	1.95E+07	1.70E+07	1.11E+06	1.12E+06	1.07E+06
pme0460	Epicatechin	Flavonoids	Flavanols	3.20E+05	2.84E+05	4.07E+05	2.75E+06	2.71E+06	2.76E+06	8.11E+05	7.46E+05	8.64E+05	8.87E+05	8.50E+05	8.22E+05	1.83E+06	1.94E+06	1.86E+06	2.87E+05	3.01E+05	2.89E+05
pme1201	Phloretin	Flavonoids	Chalcones	9.00E+00	9.00E+00	9.00E+00	6.09E+05	5.83E+05	5.91E+05	6.28E+03	6.37E+03	7.43E+03	3.91E+04	6.41E+04	4.17E+04	1.79E+05	2.10E+05	2.01E+05	9.37E+04	1.05E+05	1.22E+05
pme1598	Hesperetin-5-O-glucoside	Flavonoids	Flavanones	5.31E+06	4.79E+06	5.67E+06	8.73E+06	8.27E+06	7.74E+06	1.61E+07	1.62E+07	1.62E+07	3.88E+06	4.22E+06	3.46E+06	2.31E+07	2.48E+07	2.44E+07	2.05E+06	2.82E+06	2.82E+06
pme1611	Isohemiphloin	Flavonoids	Flavonoid carbonoside	1.56E+04	1.54E+04	1.65E+04	2.60E+05	2.73E+05	2.67E+05	1.06E+05	1.00E+05	1.00E+05	1.11E+06	1.07E+06	1.25E+06	4.64E+06	4.29E+06	3.95E+06	9.27E+05	1.21E+06	9.54E+05
pme1665	Isovitexin-7-O-glucoside (Saponarin)	Flavonoids	Flavonoid carbonoside	9.60E+03	9.71E+03	1.12E+04	9.00E+00	9.00E+00	9.00E+00	2.72E+04	3.11E+04	2.92E+04	3.37E+04	4.84E+04	3.71E+04	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
pme1773	Cyanidin-3-O-rutinoside (Keracyanin)	Flavonoids	Anthocyanidins	7.95E+06	6.07E+06	8.76E+06	1.51E+08	1.53E+08	1.57E+08	2.84E+07	2.59E+07	2.41E+07	2.07E+06	1.95E+06	2.20E+06	2.98E+06	3.36E+06	3.10E+06	9.00E+00	9.00E+00	9.00E+00
pme2246	Ellagic acid	Tannins	Tannin	3.07E+04	2.69E+04	1.38E+04	1.61E+04	1.14E+04	2.08E+04	1.05E+04	1.18E+04	1.05E+04	8.64E+03	5.86E+03	3.22E+03	1.17E+04	8.09E+03	1.20E+04	1.14E+05	1.72E+05	1.04E+05
pme2459	Luteolin-7-O-glucoside (Cynaroside)	Flavonoids	Flavones	3.70E+05	3.26E+05	3.14E+05	5.00E+05	1.22E+06	7.85E+05	1.92E+06	1.82E+06	3.51E+06	5.49E+05	3.98E+05	5.21E+05	1.32E+06	1.08E+06	8.80E+05	8.72E+04	1.02E+05	3.99E+04
pme2493	Kaempferol-3,7-O-dirhamnoside (Kaempferitrin)	Flavonoids	Flavonols	5.95E+05	4.63E+05	5.11E+05	1.06E+06	1.05E+06	9.79E+05	7.97E+05	8.21E+05	7.81E+05	6.68E+05	7.24E+05	7.40E+05	2.90E+05	2.52E+05	3.28E+05	9.65E+04	1.30E+05	1.07E+05
pme2960	Naringenin chalcone	Flavonoids	Chalcones	3.73E+04	2.88E+04	3.49E+04	3.36E+07	3.12E+07	3.32E+07	4.34E+05	4.02E+05	4.20E+05	5.43E+05	6.61E+05	5.05E+05	7.38E+05	8.37E+05	8.26E+05	8.76E+03	1.06E+04	1.13E+04
pmf0203	Peonidin-3-O-glucoside	Flavonoids	Anthocyanidins	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	2.02E+04	3.13E+04	2.57E+04
pmf0615	Petunidin-3,5-di-O-glucoside	Flavonoids	Anthocyanidins	9.00E+00	9.00E+00	9.00E+00	1.80E+04	1.65E+04	1.93E+04	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
pmn001417	Cinchonain Ic	Flavonoids	Flavanols	4.24E+04	3.34E+04	4.40E+04	1.34E+07	1.46E+07	1.11E+07	3.34E+06	3.31E+06	3.30E+06	5.71E+06	5.38E+06	5.58E+06	1.09E+07	1.06E+07	1.14E+07	2.98E+04	2.85E+04	2.41E+04
pmn001418	Cinchonain Id	Flavonoids	Flavanols	2.02E+04	1.73E+04	2.34E+04	2.17E+06	2.36E+06	2.42E+06	2.08E+06	2.01E+06	2.28E+06	1.37E+06	1.20E+06	1.23E+06	1.70E+07	1.59E+07	1.75E+07	1.10E+05	2.73E+05	1.70E+05
pmn001535	1,3,4,6-Tetra-O-Galloyl-D-Glucose	Tannins	Tannin	1.65E+04	2.96E+04	2.71E+04	7.03E+03	4.11E+03	3.72E+03	2.01E+03	3.16E+03	6.25E+03	7.49E+03	1.06E+04	6.29E+03	1.34E+04	2.55E+04	1.12E+04	5.38E+03	5.70E+03	4.19E+03
pmn001583	Quercetin-3-O-robinobioside	Flavonoids	Flavonols	4.30E+05	3.59E+05	4.13E+05	3.93E+06	3.87E+06	3.64E+06	2.38E+06	2.19E+06	2.48E+06	2.97E+06	3.79E+06	3.15E+06	1.89E+06	1.99E+06	2.00E+06	5.71E+05	7.31E+05	6.91E+05
pmn001641	Kaempferide-3-O-glucuronide	Flavonoids	Flavonols	9.00E+00	9.00E+00	9.00E+00	1.19E+05	1.31E+05	1.10E+05	1.04E+06	1.10E+06	1.23E+06	6.17E+04	6.94E+04	6.67E+04	3.95E+04	4.06E+04	3.53E+04	9.00E+00	9.00E+00	9.00E+00
pmn001642	Kaempferol-3-O-(2"-O-acetyl)glucuronide	Flavonoids	Flavonols	9.00E+00	9.00E+00	9.00E+00	4.84E+05	3.55E+05	4.12E+05	4.31E+05	4.29E+05	5.31E+05	1.63E+05	1.71E+05	1.49E+05	1.85E+04	2.18E+04	2.26E+04	9.00E+00	9.00E+00	9.00E+00
pmn001644	Quercetin-3-O-(2"-acetyl)glucuronide	Flavonoids	Flavonols	9.00E+00	9.00E+00	9.00E+00	5.57E+04	4.79E+04	5.39E+04	5.53E+05	4.70E+05	6.03E+05	2.99E+04	2.89E+04	2.76E+04	2.18E+04	1.48E+04	1.67E+04	9.00E+00	9.00E+00	9.00E+00
pmn001646	Procyanidin C1	Tannins	Proanthocyanidins	2.92E+06	2.56E+06	2.93E+06	5.73E+06	6.21E+06	5.55E+06	2.71E+06	2.42E+06	2.09E+06	5.18E+06	5.74E+06	5.16E+06	4.90E+06	4.84E+06	4.63E+06	2.33E+05	2.81E+05	2.61E+05
pmn001647	Procyanidin C2	Tannins	Proanthocyanidins	5.49E+05	5.10E+05	5.62E+05	6.61E+05	6.80E+05	4.75E+05	6.00E+05	5.44E+05	6.02E+05	9.50E+05	9.33E+05	1.01E+06	1.89E+05	3.19E+05	2.05E+05	1.61E+04	2.00E+04	2.71E+04
pmn001648	Cinnamtannin D1	Tannins	Tannin	1.27E+05	1.27E+05	1.39E+05	1.33E+05	1.08E+05	9.85E+04	6.46E+04	7.75E+04	6.99E+04	1.35E+05	1.16E+05	1.27E+05	6.70E+04	6.53E+04	6.00E+04	1.67E+04	2.69E+04	1.97E+04
pmn001649	Cinnamtannin A2	Tannins	Tannin	1.99E+05	1.92E+05	2.06E+05	5.49E+05	5.58E+05	5.18E+05	2.64E+05	3.00E+05	2.62E+05	2.73E+05	3.26E+05	2.72E+05	2.53E+05	2.28E+05	2.98E+05	6.35E+03	8.66E+03	9.75E+03
pmn001650	Cinnamtannin B2	Tannins	Tannin	1.21E+05	8.68E+04	1.17E+05	2.06E+05	2.03E+05	2.54E+05	1.14E+05	1.19E+05	1.29E+05	1.63E+05	1.69E+05	1.81E+05	1.14E+05	6.60E+04	1.40E+05	5.76E+03	6.71E+03	6.45E+03
pmn001667	Procyanidin B4	Tannins	Proanthocyanidins	1.93E+06	1.76E+06	1.74E+06	4.18E+06	4.45E+06	3.71E+06	1.83E+06	1.98E+06	2.04E+06	2.95E+06	3.25E+06	3.19E+06	1.78E+06	1.70E+06	1.70E+06	3.41E+05	3.79E+05	3.75E+05
pmn001697	Apigenin-7-O-glucuronide	Flavonoids	Flavones	9.00E+00	9.00E+00	9.00E+00	2.24E+04	3.75E+04	2.22E+04	9.00E+00	9.00E+00	9.00E+00	1.06E+04	1.02E+04	1.02E+04	2.31E+04	2.34E+04	1.69E+04	1.69E+04	1.15E+04	8.60E+03
pmn001716	Carthamone	Flavonoids	Chalcones	7.90E+05	7.09E+05	9.11E+05	1.07E+07	1.20E+07	1.39E+07	3.05E+06	3.76E+06	3.47E+06	9.90E+06	9.83E+06	9.01E+06	6.19E+07	6.07E+07	6.08E+07	4.49E+06	5.19E+06	5.61E+06
pmp000003	Nepetin (5,7,3',4'-Tetrahydroxy-6-methoxyflavone)	Flavonoids	Flavones	1.13E+05	1.17E+05	1.36E+05	2.29E+06	2.14E+06	2.60E+06	8.78E+06	7.93E+06	7.75E+06	1.89E+06	2.11E+06	1.65E+06	9.65E+06	9.29E+06	9.27E+06	2.70E+06	3.11E+06	3.33E+06
pmp000004	4',5,7-Trihydroxy-3',6-dimethoxyflavone (Jaceosidin)	Flavonoids	Flavones	8.46E+03	4.00E+03	5.28E+03	9.66E+04	8.17E+04	9.88E+04	1.23E+04	3.85E+03	1.80E+04	4.06E+05	5.46E+05	3.82E+05	2.94E+05	2.59E+05	2.91E+05	1.01E+06	6.87E+05	9.84E+05
pmp000006	Eupatilin (5,7-Dihydroxy-3',4',6-Trimethoxyflavone)	Flavonoids	Flavones	9.00E+00	9.00E+00	9.00E+00	3.85E+03	2.34E+03	3.84E+03	1.37E+06	1.07E+06	1.30E+06	9.00E+03	7.87E+03	7.62E+03	4.16E+04	4.30E+04	4.25E+04	4.14E+05	4.84E+05	4.46E+05
pmp000013	Eupatilin-7-O-glucoside	Flavonoids	Flavones	3.99E+03	3.11E+03	5.02E+03	1.44E+04	1.34E+04	1.72E+04	7.67E+04	8.12E+04	6.87E+04	6.77E+03	3.38E+03	3.74E+03	1.49E+06	1.78E+06	1.62E+06	7.10E+05	8.63E+05	8.33E+05
pmp000100	Arecatannin B1	Tannins	Tannin	1.43E+05	1.12E+05	1.43E+05	1.37E+06	1.46E+06	1.25E+06	2.27E+05	2.27E+05	2.45E+05	1.61E+05	1.78E+05	1.92E+05	1.78E+06	1.72E+06	2.00E+06	2.89E+04	3.37E+04	3.34E+04
pmp000101	Arecatannin C1	Tannins	Tannin	5.02E+05	4.06E+05	5.43E+05	1.30E+06	1.49E+06	1.46E+06	1.21E+06	1.30E+06	1.01E+06	1.23E+06	1.14E+06	1.33E+06	1.14E+06	1.00E+06	1.07E+06	8.79E+04	9.43E+04	8.07E+04
pmp000120	Diosmetin-6-C-glucoside	Flavonoids	Flavanones	1.11E+04	9.74E+03	2.71E+04	3.00E+04	3.48E+04	4.45E+04	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	1.13E+06	1.07E+06	1.16E+06	6.66E+04	8.58E+04	1.00E+05
pmp000126	Luteolin-6,8-di-C-glucoside	Flavonoids	Flavonoid carbonoside	9.00E+00	9.00E+00	9.00E+00	1.00E+04	1.17E+04	2.62E+03	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	2.53E+05	2.09E+05	2.01E+05	1.09E+04	2.22E+04	2.38E+04
pmp000172	5,2'-Dihydroxy-7,8-dimethoxyflavone glycosides	Flavonoids	Flavones	9.00E+00	9.00E+00	9.00E+00	1.77E+04	1.94E+04	1.97E+04	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
pmp000237	Apigenin-6-C-(2"-glucuronyl)xyloside	Flavonoids	Flavonoid carbonoside	7.24E+04	1.09E+05	9.50E+04	2.36E+05	2.03E+05	1.46E+05	1.21E+05	1.31E+05	1.36E+05	1.32E+05	1.39E+05	1.26E+05	5.09E+04	5.82E+04	4.14E+04	2.26E+04	2.15E+04	2.63E+04
pmp000273	Gambiriin B3	Tannins	Tannin	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	1.10E+05	1.16E+05	1.00E+05	9.00E+00	9.00E+00	9.00E+00
pmp000275	Gambiriin A1	Tannins	Tannin	2.23E+04	1.89E+04	2.13E+04	4.18E+05	4.18E+05	3.82E+05	6.84E+04	7.79E+04	8.00E+04	6.75E+04	1.13E+05	1.02E+05	1.90E+05	1.90E+05	2.07E+05	2.46E+04	1.56E+04	1.60E+04
pmp000413	Genistein-8-C-glucoside	Flavonoids	Flavonoid carbonoside	9.00E+00	9.00E+00	9.00E+00	1.32E+06	1.55E+06	1.27E+06	9.00E+00	9.00E+00	9.00E+00	3.36E+06	3.56E+06	3.08E+06	1.13E+07	1.15E+07	1.38E+07	7.93E+05	1.04E+06	1.05E+06
pmp000530	Phellodendroside	Flavonoids	Flavanonols	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	5.45E+04	4.89E+04	8.43E+04
pmp000531	Phellamurin	Flavonoids	Flavanonols	6.35E+04	4.60E+04	6.20E+04	9.00E+00	9.00E+00	9.00E+00	3.61E+04	2.60E+04	1.80E+04	9.00E+00	9.00E+00	9.00E+00	2.05E+04	2.25E+04	2.55E+04	2.20E+05	2.47E+05	3.03E+05
pmp000575	Acacetin-7-O-glucoside (Tilianin)	Flavonoids	Flavones	1.60E+04	1.45E+04	1.47E+04	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
pmp000579	Diosmetin-7-O-galactoside	Flavonoids	Flavanones	6.48E+05	5.53E+05	7.58E+05	5.16E+05	4.58E+05	4.87E+05	4.67E+05	4.23E+05	4.96E+05	2.91E+05	2.54E+05	2.75E+05	4.47E+06	5.35E+06	4.96E+06	1.25E+06	1.03E+06	9.85E+05
pmp000589	Quercetin-7-O-(6"-malonyl)glucoside	Flavonoids	Flavonols	3.74E+04	3.19E+04	6.25E+04	1.65E+05	1.52E+05	1.44E+05	9.91E+04	1.22E+05	9.93E+04	6.47E+04	6.94E+04	4.30E+04	1.80E+05	2.22E+05	2.00E+05	1.53E+04	1.67E+04	8.67E+03
pmp000593	Luteolin-7-O-rutinoside	Flavonoids	Flavones	1.24E+06	1.07E+06	1.34E+06	3.29E+07	3.51E+07	3.14E+07	2.28E+07	2.12E+07	2.38E+07	4.75E+07	4.91E+07	4.60E+07	9.52E+06	9.69E+06	1.04E+07	2.50E+06	3.79E+06	2.71E+06
pmp000786	Eupatorin; 3',5-Dihydroxy-4',6,7-Trimethoxyflavone	Flavonoids	Flavones	9.00E+00	9.00E+00	9.00E+00	2.26E+03	1.69E+03	2.49E+03	7.72E+05	6.20E+05	7.33E+05	3.88E+03	4.06E+03	3.79E+03	1.86E+04	1.76E+04	1.83E+04	2.42E+05	2.83E+05	2.49E+05
pmp001105	Kaempferol-3-O-neohesperidoside-7-O-glucoside	Flavonoids	Flavonols	9.00E+00	9.00E+00	9.00E+00	1.81E+04	7.99E+03	1.50E+04	2.01E+04	1.63E+04	1.36E+04	3.36E+04	4.51E+04	3.63E+04	9.00E+00	9.00E+00	9.00E+00	2.48E+04	5.69E+04	2.05E+04

Smgp105565	Cinchonain Ib	Flavonoids	Flavanols	9.00E+00	9.00E+00	9.00E+00	1.07E+05	1.21E+05	1.17E+05	9.99E+04	1.06E+05	1.04E+05	1.43E+05	1.39E+05	1.41E+05	1.88E+05	1.64E+05	1.87E+05	9.00E+00	9.00E+00	9.00E+00
Smlp001915	Delphinidin -3-O-arabinoside	Flavonoids	Anthocyanidins	9.00E+00	9.00E+00	9.00E+00	1.87E+04	2.57E+04	1.47E+04	1.90E+04	2.39E+04	2.39E+04	4.33E+04	5.73E+04	1.30E+04	1.62E+04	3.30E+04	1.81E+04	9.00E+00	9.00E+00	9.00E+00
Smlp002532	Cyanidin -3-O-arabinoside	Flavonoids	Anthocyanidins	8.47E+04	8.04E+04	1.24E+05	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
Smlp002877	Peonidin -3-O-arabinoside	Flavonoids	Anthocyanidins	9.00E+00	9.00E+00	9.00E+00	1.69E+04	1.98E+04	3.08E+04	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	1.44E+05	1.21E+05	1.31E+05	9.00E+00	9.00E+00	9.00E+00
Smpp001442	Delphinidin -3-O-glucuronide	Flavonoids	Anthocyanidins	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	4.99E+03	5.47E+03	8.48E+03	1.38E+04	1.29E+04	1.08E+04	3.13E+03	5.12E+03	3.61E+03	9.00E+00	9.00E+00	9.00E+00
Smpp002418	Petunidin-3-O-(6"-O-Acetyl)glucoside	Flavonoids	Anthocyanidins	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	2.09E+04	2.02E+04	2.28E+04
Smsn004112	Isorhamnetin -3,7-O-disulfonate	Flavonoids	Flavones	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	1.04E+04	1.46E+04	1.10E+04	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
Smsp002643	Pelargonidin -3-O-rutinoside	Flavonoids	Anthocyanidins	9.00E+00	9.00E+00	9.00E+00	8.66E+05	1.18E+06	1.01E+06	4.05E+04	7.06E+04	7.87E+04	6.98E+04	9.74E+04	6.84E+04	2.06E+06	2.17E+06	2.43E+06	9.90E+04	9.66E+04	7.82E+04
Wmhn001495	1,4-Di-O-Galloyl-D-glucose	Tannins	Tannin	2.97E+05	2.58E+05	3.00E+05	5.02E+05	4.83E+05	5.54E+05	1.16E+04	8.86E+03	1.31E+04	1.74E+06	1.31E+06	1.67E+06	2.85E+07	3.02E+07	2.93E+07	3.20E+05	4.33E+05	3.63E+05
Xmsn002700	Taxifolin -3'-O-glucoside	Flavonoids	Flavanonols	6.54E+05	4.73E+05	6.46E+05	1.01E+06	9.01E+05	1.15E+06	2.16E+06	2.22E+06	2.23E+06	4.84E+05	5.20E+05	4.99E+05	4.28E+06	3.45E+06	4.05E+06	2.68E+05	3.30E+05	3.51E+05
Xmyp004945	npferol -3-O-(6"-Rhamnosyl-2"-Glucosyl)Glucoside (Camelliasid	Flavonoids	Flavones	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	2.37E+04	7.03E+03	1.44E+04	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00
Xmyp005654	Kaempferol-4'-O-glucoside	Flavonoids	Flavonols	1.38E+06	1.08E+06	1.65E+06	1.61E+06	1.26E+06	2.35E+06	2.43E+06	2.44E+06	2.18E+06	9.00E+00	9.00E+00	9.00E+00	2.27E+07	2.09E+07	1.98E+07	6.16E+05	7.26E+05	5.75E+05
Zmap009745	Ayanin (3',5-Dihydroxy-3,4',7-Trimethoxyflavone)	Flavonoids	Flavones	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	4.22E+03	4.81E+03	3.57E+03	9.00E+00	9.00E+00	9.00E+00	2.82E+03	2.57E+03	3.77E+03	3.03E+04	4.35E+04	4.86E+04
Zmcn004206	kaempferol -3-caffeoylglucoside	Flavonoids	Flavonols	1.58E+04	9.19E+03	1.08E+04	2.95E+04	3.49E+04	3.53E+04	3.29E+04	3.69E+04	3.58E+04	3.37E+04	9.03E+03	1.74E+04	3.59E+04	3.32E+04	2.78E+04	2.07E+04	2.53E+04	1.74E+04
Zmdn002049	Epicatechin -4'-O-β-D-glucopyranoside	Flavonoids	Flavanols	5.11E+04	4.34E+04	5.26E+04	9.78E+05	9.38E+05	1.00E+06	8.33E+04	9.45E+04	8.95E+04	2.09E+05	2.79E+05	2.26E+05	3.05E+06	2.94E+06	3.03E+06	7.80E+05	8.37E+05	7.85E+05
Zmdn002400	Epicatechin -3'-O-β-D-glucopyranoside	Flavonoids	Flavanols	5.23E+04	4.34E+04	5.18E+04	9.82E+05	9.16E+05	1.00E+06	7.71E+04	9.04E+04	8.45E+04	2.01E+05	2.49E+05	2.07E+05	2.91E+06	2.98E+06	2.84E+06	7.39E+05	7.73E+05	8.32E+05
Zmdp003457	Myricetin -3-O-galactoside -3'-O-rhamnoside	Flavonoids	Flavonols	9.00E+00	9.00E+00	9.00E+00	4.13E+06	5.19E+06	4.74E+06	3.73E+06	3.62E+06	3.72E+06	3.04E+07	3.14E+07	3.06E+07	2.58E+06	2.78E+06	2.52E+06	9.00E+00	9.00E+00	9.00E+00
Zmgp004436	okanin 4'-(6"-O-acetylglucoside)	Flavonoids	Chalcones	9.00E+00	9.00E+00	9.00E+00	7.12E+04	1.26E+05	1.02E+05	9.41E+04	9.86E+04	1.16E+05	3.29E+05	3.87E+05	3.04E+05	3.27E+05	4.41E+05	2.73E+05	2.33E+05	3.24E+05	3.02E+05
Zmgp005070	Centaurein	Flavonoids	Flavones	9.00E+00	9.00E+00	9.00E+00	5.17E+04	5.36E+04	5.62E+04	1.11E+05	1.06E+05	1.05E+05	7.83E+04	7.49E+04	7.45E+04	1.43E+05	1.27E+05	1.40E+05	2.21E+05	2.84E+05	3.23E+05
Zmhn003257	5,7,2'-Trhiyroxy-8-methoxyflavone	Flavonoids	Flavones	5.52E+04	4.59E+04	5.39E+04	3.41E+04	3.71E+04	3.01E+04	1.31E+04	2.57E+04	1.79E+04	1.69E+04	2.25E+04	1.40E+04	3.90E+05	4.48E+05	3.99E+05	1.81E+06	1.47E+06	1.60E+06
Zmhp002640	6-Hydroxykaempferol 3-Rutinoside-6-glucoside	Flavonoids	Flavonols	9.00E+00	9.00E+00	9.00E+00	7.65E+04	9.72E+04	1.01E+05	1.90E+04	2.34E+04	2.32E+04	4.31E+04	4.72E+04	4.63E+04	1.58E+04	1.69E+04	1.87E+04	1.31E+04	1.70E+04	9.48E+03
Zmhp003514	6, 7, 8- Tetrahydroxy -5-methoxyflavone	Flavonoids	Flavones	1.13E+04	1.94E+04	1.77E+04	1.25E+05	1.15E+05	1.45E+05	2.89E+05	2.44E+05	3.16E+05	1.01E+05	1.07E+05	1.02E+05	2.41E+05	2.56E+05	2.59E+05	1.13E+06	7.58E+05	6.17E+05
Zmhp004065	7,8-Dihydroxy -5,6,4'-trimethoxyflavone	Flavonoids	Flavones	9.00E+00	9.00E+00	9.00E+00	2.96E+03	2.89E+03	4.10E+03	1.30E+06	1.04E+06	1.27E+06	8.59E+03	8.83E+03	7.30E+03	4.12E+04	4.36E+04	4.36E+04	4.35E+05	4.82E+05	4.41E+05
Zmhp006502	Kaempferide -3-O-(6"-malonyl)glucoside	Flavonoids	Flavones	9.00E+00	9.00E+00	9.00E+00	1.14E+05	1.17E+05	1.09E+05	9.11E+04	8.90E+04	9.12E+04	3.65E+04	3.09E+04	3.13E+04	1.87E+04	1.78E+04	1.99E+04	9.00E+00	9.00E+00	9.00E+00
Zmjn003358	Epicatechin -3-(3"-O-methyl)gallate	Flavonoids	Flavanols	4.36E+06	4.30E+06	4.74E+06	1.90E+07	2.00E+07	2.04E+07	7.80E+04	5.93E+04	5.21E+04	2.32E+05	3.52E+05	2.13E+05	2.59E+07	2.24E+07	2.31E+07	3.35E+06	3.69E+06	3.19E+06
Zmjp003031	Orientin -2"-O-galactoside	Flavonoids	Flavones	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	4.34E+05	3.70E+05	3.77E+05	9.00E+00	9.00E+00	9.00E+00
Zmjp004852	5,6,3',4'-Tetrahydroxy -3,7-dimethoxyflavone -6-O-glucoside	Flavonoids	Flavones	9.00E+00	9.00E+00	9.00E+00	1.00E+05	1.21E+05	1.36E+05	1.03E+05	8.58E+04	1.35E+05	3.37E+05	4.02E+05	2.94E+05	4.32E+05	3.95E+05	3.36E+05	2.08E+05	2.89E+05	3.07E+05
Zmjp009119	5,4'-Dihydroxy-3,6,7,3'-tetramethoxyflavone	Flavonoids	Flavones	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	3.95E+04	4.41E+04	4.50E+04
Zmlp005013	3,3'-O-Dimethylellagic Acid	Tannins	Tannin	1.57E+04	1.60E+04	1.68E+04	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	2.01E+04	2.08E+04	2.35E+04	4.51E+04	4.60E+04	5.58E+04
Zmmp002345	Malvidin -3-O-rutinoside-7-O-glucoside	Flavonoids	Anthocyanidins	9.00E+00	9.00E+00	9.00E+00	4.12E+03	3.48E+03	3.37E+03	4.45E+03	4.13E+03	5.28E+03	9.25E+03	1.09E+04	9.21E+03	3.18E+03	2.72E+03	2.98E+03	9.00E+00	9.00E+00	9.00E+00
Zmpn004068	Phloretin -2'-O-(6"-O-xylosyl)glucoside	Flavonoids	Chalcones	3.04E+03	3.04E+03	4.15E+03	8.31E+03	7.22E+03	5.48E+03	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	6.95E+04	6.68E+04	6.84E+04
Zmpp002571	Robinetin	Flavonoids	Flavonols	9.00E+00	9.00E+00	9.00E+00	7.97E+06	8.07E+06	8.20E+06	8.00E+04	4.08E+04	1.13E+05	2.34E+05	3.58E+05	1.82E+05	4.08E+06	4.69E+06	4.77E+06	2.13E+04	1.24E+04	5.78E+03
Zmqp002952	Delphinidin -3-O-rutinoside -7-O-glucoside	Flavonoids	Anthocyanidins	1.13E+04	8.12E+03	1.24E+04	1.18E+06	1.22E+06	1.15E+06	1.11E+06	1.10E+06	1.06E+06	1.81E+06	1.93E+06	1.82E+06	3.30E+05	3.45E+05	3.18E+05	2.40E+06	4.03E+06	2.59E+06
Zmsp004363	Quercetin -3-O-(6"-acetyl)glucoside	Flavonoids	Flavonols	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	9.00E+00	1.81E+05	1.36E+05	1.61E+05	1.48E+05	1.67E+05	2.12E+05

Supplemental Table 28 The genes function of MEturquoise module.

Gene	Funtion
Fe3.1148	3,9-dihydroxypterocarpan 6A-monooxygenase
Fe3.5775	flavonol synthase
Fe3.1533	resveratrol synthase
Fe2.2964	Anthocyanidin 3-O-glucosyltransferase 2
Fe6.6129	leucoanthocyanidin reductase
Fe5.2264	chalcone synthase family protein
Fe3.1170	Flavonoid 3',5'-hydroxylase
Fe3.1591	resveratrol synthase
Fe6.10148	MA3 DOMAIN-CONTAINING TRANSLATION REGULATORY FACTOR 2
Fe6.10684	MADS-box protein CMB1
Fe5.2061	cytochrome P450
Fe6.1863	cinnamyl-alcohol dehydrogenase family protein
Fe3.1684	SAM dependent carboxyl methyltransferase
Fe3.7700	3-hydroxyisobutyryl-CoA hydrolase 1-like isoform X1
Fe8.8393	acyl-CoA-binding domain-containing protein
Fe5.13026	jasmonoyl--L-amino acid synthetase JAR4 isoform X1
Fe5.1361	Glycosyltransferase_GTB-type
Fe6.2282	WEB family protein
Fe4.10381	methyltransferase PMT27 isoform X2
Fe7.13033	(R)-mandelonitrile lyase-like
Fe2.14192	Methyltransferase type
Fe1.6937	ABC transporter G family member 26
Fe7.1083	NAD(P)H-quinone oxidoreductase subunit 3 like
Fe5.10489	cytochrome P450 family 86, subfamily A
Fe3.5900	rho GTPase-activating protein REN1 isoform X2
Fe7.1073	callose synthase 5-like
Fe1.130	beta-glucosidase 11
Fe3.2585	2-isopropylmalate synthase A-like
Fe2.7147	aspartic proteinase-like protein 2 isoform X1
Fe7.432	phosphatidylinositol 4-kinase gamma 8-like
Fe1.9968	FtMYB6
Fe6.2444	fumarylacetoacetase
Fe8.9935	cation/H(+) antiporter 15-like
Fe1.221	guanosine nucleotide diphosphate dissociation inhibitor
Fe3.2758	shikimate O-hydroxycinnamoyltransferase
Fe6.650	glyceraldehyde-3-phosphate dehydrogenase
Fe8.12179	glutathione S-transferase
Fe2.1333	purple acid phosphatase
Fe4.13779	hydroxycinnamoyl-coenzyme A quinate transperase
Fe5.14531	chalcone synthase family protein
Fe2.13950	leucoanthocyanidin dioxygenase like protein
Fe6.3069	Alpha-1,4-glucan-protein synthase
Fe2.13121	rhamnogalacturonate lyase B
Fe5.1366	glutathione S-transferase F13-like

Fe7.378	glucan endo-1,3-beta-glucosidase A6
Fe8.8104	FtMYB1
Fe5.1926	aldehyde dehydrogenase family 3 member I1, chloroplastic-like isoform X2
Fe5.110	acetyltransferase
Fe2.10585	MIKC-type MADS-box transcriptional
Fe6.721	Papain family cysteine protease
Fe8.6721	Glycerol-3-phosphate 2-O-acyltransferase 6
Fe4.14392	Papain family cysteine protease
Fe1.14354	chalcone synthase 2
Fe3.13618	MIKC-type MADS-box transcriptional regulator
Fe1.13742	purple acid phosphatase 3-like isoform X1
Fe2.2643	Trypsin inhibitor
Fe1.799	non-specific lipid-transfer protein 2

Supplemental Table 29 Genes involved in rutin biosynthesis.

Name	Gene in *F. esculentum*	Gene in *F. tataricum*
PAL	Fe8.6468	Ft3.822
	Fe4.2136	Ft5.1292
	Fe3.775	Ft6.641
	Fe6.238	Ft8.3037
	Fe8.6466	Ft8.3038
	Fe8.6467	
	Fe8.6482	
CHS	Fe1.1363	Ft1.274
	Fe1.2284	Ft1.1803
	Fe1.10268	Ft3.228
	Fe3.1533	Ft3.249
	Fe3.1591	Ft3.2401
	Fe3.1603	Ft3.4589
	Fe3.4098	Ft4.5384
	Fe5.2264	Ft5.778
	Fe5.2277	Ft5.779
	Fe5.4645	Ft5.1240
	Fe5.13687	Ft5.2370
	Fe5.13695	Ft5.2381
	Fe5.13701	Ft5.2511
	Fe5.13952	Ft5.2904
	Fe6.2787	Ft6.200
	Fe6.2797	Ft6.201
	Fe6.5449	Ft6.1217
	Fe6.5467	
	Hic_scaffold_10.538	
	Hic_scaffold_10.543	
4CL	Fe3.663	Ft3.946
	Fe5.3848	Ft5.1098
C4H	Fe2.12917	Ft2.5323
	Fe8.11015	Ft4.5964
	Fe8.11025	Ft8.4110
	Fe8.11027	Ft8.4111
	Hic_scaffold_9.48	Ft8.4115
	Fe8.11024	Ft8.4116
F3'H	Fe8.12192	Ft8.2788
	Fe8.7426	Ft8.5253
F3H	Fe7.817	Ft7.4650
	Fe8.6102	Ft8.3108
DFR	Fe4.1414	Ft4.2729
	Fe4.1437	Ft4.2750
	Fe4.1449	Ft4.5802
	Fe4.2283	Ft4.6249
	Fe3.5775	Ft3.2826

FLS	Fe5.1616	Ft5.635
	Fe5.1617	Ft5.634
	Fe5.1684	
CHI	Fe2.12311	Ft5.2893
	Fe5.14515	Ft5.2894
	Fe5.14516	Ft6.2359
GTR	Fe1.1888	Ft1.346
	Fe1.544	Ft6.2919
	Fe1.650	Ft3.1263
	Fe2.2964	Ft1.775
	Fe4.11874	Ft1.377
	Hic_scaffold_9.483	Ft4.1103
	Fe6.3796	Ft6.964
	Fe6.3800	Ft6.965
	Fe6.3803	Ft6.966
	Fe6.3805	Ft6.968
	Fe6.3811	Ft6.969
F3'5'H	Fe3.1133	Ft3.38
	Fe3.1142	Ft3.39
	Fe3.1143	Ft3.40
	Fe3.1145	Ft3.41
	Fe3.1147	Ft3.42
	Fe3.1148	Ft3.43
	Fe3.1169	Ft3.45
	Fe3.1170	Ft3.46
	Fe7.2665	Ft3.165
RDE	Fe1.14114	Ft1.1476
	Fe1.7320	Ft1.2129
	Fe2.8385	Ft1.2133
	Fe3.12735	Ft1.2137
	Fe3.4420	Ft1.2752
	Fe3.4444	Ft2.1173
	Fe3.86	Ft3.1595
	Fe4.740	Ft3.2514
	Fe5.12368	Ft3.2515
	Fe5.1738	Ft3.2525
	Fe5.1742	Ft5.653
	Fe5.1743	Ft5.654
	Fe6.2025	Ft5.655
	Fe6.342	Ft5.656
	Fe6.344	Ft6.1339
	Fe6.5084	Ft6.1553
	Fe7.10045	Ft6.3253
	Fe8.11342	Ft6.553
	Fe8.11343	Ft6.554
	Fe8.8435	Ft7.829
	Hic_scaffold_10.86	Ft7.832

	Hic_scaffold_15.39	Ft8.2377
	Hic_scaffold_15.40	Ft8.4418
	Hic_scaffold_9.817	Ft8.4419
		Ft8.4420
ANS	Fe1.11387	Ft1.1973
	Fe1.11380	
ANR	Fe8.9956	Ft8.1358
	Hic_scaffold_13.98	Ft8.1359
LAR	Fe7.6026	Ft3.2588
	Fe3.4697	Ft6.2502
	Fe6.6129	Ft7.448

Supplemental Table 30 The FPKM value of FLS genes in common and Tartary buckwheat.

Gene ID	Seed	leaf	root	stem	isostyle	longstyle	shortstyle
Fe3.5775	0.158	1.227	1.627	0.044	0.302	0.909	1.661
Fe5.1616	0.007	0.002	0	0	0	0	0
Fe5.1617	13.448	12.18	25.441	68.907	6.08	0.161	0.063
Fe5.1684	16.238	83.862	60.668	317.149	37.531	135.885	60.514

Gene ID	Seed	Leaf	Root	Stem	Flower
Ft3.2826	0.038	0.862	5.415	1.418	0.198
Ft5.634	70.714	117.234	144.994	31.299	4.263
Ft5.635	269.531	362.298	88.145	277.002	138.44

Supplemental Table 31 The identification of RDE gene family.

Name	Length	NCBI accession	length	Identify (%)	Coverage (%)	PFAM domain
Fe1.14114	509	AYP71170.1	512	50.6	94.3	PF00232.18
Fe1.7320	515	AYP71170.1	512	48.9	94.7	PF00232.18
Fe2.8385	105	AYP71170.1	512	71.19	56.2	PF00232.18
Fe3.12735	492	AYP71170.1	512	44.1	97.2	PF00232.18
Fe3.4420	516	AYP71170.1	512	65.9	93.2	PF00232.18
Fe3.4444	524	AYP71170.1	512	64.9	91.4	PF00232.18
Fe3.86	503	AYP71170.1	512	60.1	94.8	PF00232.18
Fe4.740	498	AYP71170.1	512	52.5	96.4	PF00232.18
Fe5.12368	116	AYP71170.1	512	79.4	58.6	PF00232.18
Fe5.1738	461	AYP71170.1	512	58.1	93.7	PF00232.18
Fe5.1742	524	AYP71170.1	512	58.8	91.6	PF00232.18
Fe5.1743	303	AYP71170.1	512	45.5	100	PF00232.18
Fe6.2025	530	BBE43060.1	504	55.6	90.6	PF00232.18
Fe6.342	360	AYP71170.1	512	55.7	99.7	PF00232.18
Fe6.344	506	AYP71170.1	512	55.7	94.1	PF00232.18
Fe6.5084	104	AYP71170.1	512	90.9	63.5	PF00232.18
Fe7.10045	502	ATW21594.1	504	71.1	99.4	PF00232.18
Fe8.11342	531	AYP71170.1	512	54.7	90.2	PF00232.18
Fe8.11343	466	AYP71170.1	512	48.3	80.4	PF00232.18
Fe8.8435	236	BBE43060.1	504	71.2	100	PF00232.18
Hic_scaffold_10.86	510	AYP71170.1	512	90.4	95.5	PF00232.18
Hic_scaffold_15.39	552	AYP71170.1	512	45.7	88.9	PF00232.18
Hic_scaffold_15.40	552	AYP71170.1	512	45.7	88.9	PF00232.18
Hic_scaffold_9.817	496	AYP71170.1	512	82.2	98.7	PF00232.18
Ft1.1476	502	AYP71170.1	512	48.6	97.4	PF00232.18
Ft1.2129	118	BBE43060.1	504	48.7	64.4	PF00232.18
Ft1.2133	512	BBE43060.1	504	46.8	97.8	PF00232.18
Ft1.2137	516	AYP71170.1	512	47.9	92.2	PF00232.18
Ft1.2752	511	ATW21594.1	504	50.6	97.8	PF00232.18
Ft2.1173	512	AYP71170.1	512	99.1	100	PF00232.18
Ft3.1595	504	BBE43060.1	504	100	100	PF00232.18
Ft3.2514	515	AYP71170.1	512	64.4	92.8	PF00232.18
Ft3.2515	509	AYP71170.1	512	64.8	94.3	PF00232.18
Ft3.2525	526	AYP71170.1	512	64.3	90.9	PF00232.18
Ft5.653	514	AYP71170.1	512	57.7	93.4	PF00232.18
Ft5.654	496	AYP71170.1	512	58.6	93.5	PF00232.18
Ft5.655	531	AYP71170.1	512	57.5	90.4	PF00232.18
Ft5.656	455	AYP71170.1	512	56.9	95.4	PF00232.18
Ft6.1339	499	AYP71170.1	512	46.2	97.4	PF00232.18
Ft6.1553	524	BBE43060.1	504	56.9	91.2	PF00232.18
Ft6.3253	528	BBE43060.1	504	49.1	95.5	PF00232.18
Ft6.553	494	AYP71170.1	512	49.5	99.6	PF00232.18
Ft6.554	506	AYP71170.1	512	58.3	95.3	PF00232.18
Ft7.829	508	BBE43060.1	504	71.5	97.2	PF00232.18

Ft7.832	508	BBE43060.1	504	71.4	97.2	PF00232.18
Ft8.2377	508	BBE43060.1	504	86.3	100	PF00232.18
Ft8.4418	86	AYP71170.1	512	59.7	89.5	PF00232.18
Ft8.4419	465	AYP71170.1	512	51.5	100	PF00232.18
Ft8.4420	629	AYP71170.1	512	56.3	76.3	PF00232.18

Supplemental Table 32 The genes associated with self-incompatibility.

	Fe			Ft		
	Number	Experssion（FPKM>0.1）	Non-expression	Number	Experssion（FPKM>0.1）	Non-expression
SLF	43	34	9	34	29	5
S-RNase	4	4	0	4	4	0
SRK	29	26	3	21	20	1
SLG	2	2	0	2	2	0

Supplemental Table 33 The genes function of S-allelic region.

Gene	Function
Fe2.4973	WRKY transcription factor
Fe2.5010	WRKY transcription factor 74
Fe2.5017	formin-like protein 1
Fe2.5041	uncharacterized protein
Fe2.5088	E3 ubiquitin protein ligase DRIP2
Fe2.5091	ATP-dependent DNA helicase PIF1-like
Fe2.5092	aspartyl protease family protein At5g10770-like
Fe2.5093	ankyrin-1-like
Fe2.5099	serine/threonine-protein kinase Nek1
Fe2.5100	cytochrome c oxidase subunit 1
Fe2.5103	uncharacterized protein
Fe2.5117	tRNA (guanine-N(7)-)-methyltransferase
Fe2.5134	uncharacterized protein
Fe2.5137	NAC domain-containing protein 17
Fe2.5146	uncharacterized protein
Fe2.5164	uncharacterized protein
Fe2.5165	uncharacterized protein
Fe2.5169	probable transcription factor At3g04930
Fe2.5175	pentatricopeptide repeat-containing protein At5g66520-like
Fe2.5184	5'-3' exoribonuclease 4-like
Fe2.5185	auxilin-like protein
Fe2.5194	uncharacterized protein
Fe2.5199	Serine/threonine-protein kinase EDR1
Fe2.5202	serine/threonine-protein kinase EDR1
Fe2.5204	Ulp1-like peptidase
Fe2.5222	Kinesin-like protein
Fe2.5232	Transducin/WD40 repeat-like superfamily protein
Fe2.5240	protein HASTY 1
Fe2.5277	uncharacterized protein
Fe2.5300	uncharacterized protein
Fe2.5302	cysteine--tRNA ligase
Fe2.5371	histone-lysine N-methyltransferase
Fe2.5500	phosphoglycerate mutase-like protein AT74
Fe2.5510	Leucine zipper protein 4
Fe2.5664	uncharacterized protein
Fe2.5792	damage-control phosphatase At2g17340-like
Fe2.5803	monosaccharide-sensing protein 2-like
Fe2.5842	E3 ubiquitin-protein ligase ATL31-like
Fe2.5910	chaperone protein dnaJ 11, chloroplastic
Fe2.5931	uncharacterized protein
Fe2.6013	uncharacterized protein

Supplemental Table 34 Primers for quantitative real-time PCR.

Gene ID	Primer sequences (5'-3')	Product size (bp)	Tm (℃)
Ft3.1595	GAGCCGAATGTAATGACTG CTGTATCGTTGATGGGAAT	244	50
Ft8.2377	CTGGGATTACCCTCAAGC CGAGTTCGGTCATTACATT	161	51
FtH3	GAAATTCGCAAGTACCAGAAGAG CCAACAAGGTATGCCTCAGC	158	55
Fe8.8435	GTTGAACGAGCCGAATG ATGGCAAAGCAAGAGGTG	148	52
FeActin	CCTTGCTTCTCTTAGCACCT TCACGACCATCTTCATCCAC	132	55