

Supplementary Table S14: The differential DNA methylation information of related to auxin response.

GeneID	mCG	mCHH
Glyma.01G167000	Hypo-DMR in promoter	Hypo-DMR in promoter
Glyma.02G049200	Hypo-DMR in promoter	--
Glyma.03G197200	Hypo-DMR in promoter	--
Glyma.04G006400	--	--
Glyma.04G006500	--	--
Glyma.04G206800	Hypo-DMR in 3' ends	--
Glyma.05G221900	Hypo-DMR in 3' ends	--
Glyma.06G006100	--	Hypo-DMR in promoter
Glyma.06G006500	--	--
Glyma.06G007100	Hypo-DMR in promoter	Hypo-DMR in promoter
Glyma.06G278300	--	--
Glyma.06G278400	Hypo-DMR in gene body	--
Glyma.06G278900	Hypo-DMR in 3' ends	--
Glyma.06G281300	Hyper-DMR in promoter	--
Glyma.06G282200	--	--
Glyma.08G004100	--	--
Glyma.08G010400	Hypo-DMR in 3' ends	Hypo-DMR in 3' ends
Glyma.08G155300	Hypo-DMR in promoter	Hypo-DMR in promoter
Glyma.08G155400	Hyper-DMR in promoter	--
Glyma.08G155500	--	--
Glyma.08G155800	Hypo-DMR in 3' ends	--
Glyma.08G232000	Hypo-DMR in promoter	Hypo-DMR in promoter
Glyma.08G236300	--	--
Glyma.09G219300	--	--
Glyma.09G219800	--	Hypo-DMR in 3' ends
Glyma.09G220300	--	--
Glyma.09G220600	--	--
Glyma.09G221000	--	--
Glyma.09G221200	--	Hypo-DMR in 3' ends
Glyma.09G221500	--	--
Glyma.09G221600	--	--
Glyma.09G221800	--	--
Glyma.09G222200	--	--
Glyma.09G222300	Hypo-DMR in 3' ends	Hypo-DMR in 3' ends
Glyma.10G055900	--	--
Glyma.11G096800	--	--
Glyma.12G033800	--	--
Glyma.12G033900	--	--
Glyma.12G034200	--	--
Glyma.12G034500	--	--
Glyma.12G035000	--	--
Glyma.12G035100	--	--

Glyma.12G035200	--	--
Glyma.12G035300	--	--
Glyma.12G035700	--	--
Glyma.12G035800	--	--
Glyma.12G113100	--	--
Glyma.12G124500	--	--
Glyma.12G124900	--	--
Glyma.12G125000	Hyper-DMR in gene body	--
Glyma.12G125300	--	--
Glyma.13G144700	--	--
Glyma.15G146600	--	Hypo-DMR in promoter
Glyma.17G046000	--	--
Glyma.17G046200	--	--
Glyma.17G189200	Hypo-DMR in promoter	Hypo-DMR in promoter
Glyma.19G100900	--	--

'up-regulated genes

[illegible]

--

--

--

--

Hypo-DMR in promoter

--

--

--

--

Hypo-DMR in 3' ends

--

--

--

Hypo-DMR in promoter

--