



Figure 4. Expression profiles of iron (Fe) deficiency-responsive genes in the double mutant *frd3-1/glu1-4*

(A–D) The relative transcript abundance of *bHLH38* (A), *bHLH39* (B), *bHLH100* (C), and *bHLH101* (D) in the shoots of the wild-type and *frd3-1*, *glu1-4*, and *frd3-1/glu1-4* mutants under Fe-sufficient conditions determined by quantitative reverse-transcription polymerase chain reaction (qRT-PCR) analysis. The y-axis shows RNA levels normalized to that of ACTIN8. Values are means \pm SD of three biological replicates. ** $P < 0.01$ versus the control (Student's t-test).