



**Figure S1 Molecular Characterization of HbRbohD-Overexpressing Arabidopsis Lines.**

- (a) Genomic PCR analysis of *HbRbohD* in transgenic Arabidopsis overexpression lines using genomic DNA as template, with Col-0 as negative control.
- (b) RT-PCR detection of *HbRbohD* transcript levels in overexpression lines using cDNA templates, with *Hbactin* serving as an internal reference.