

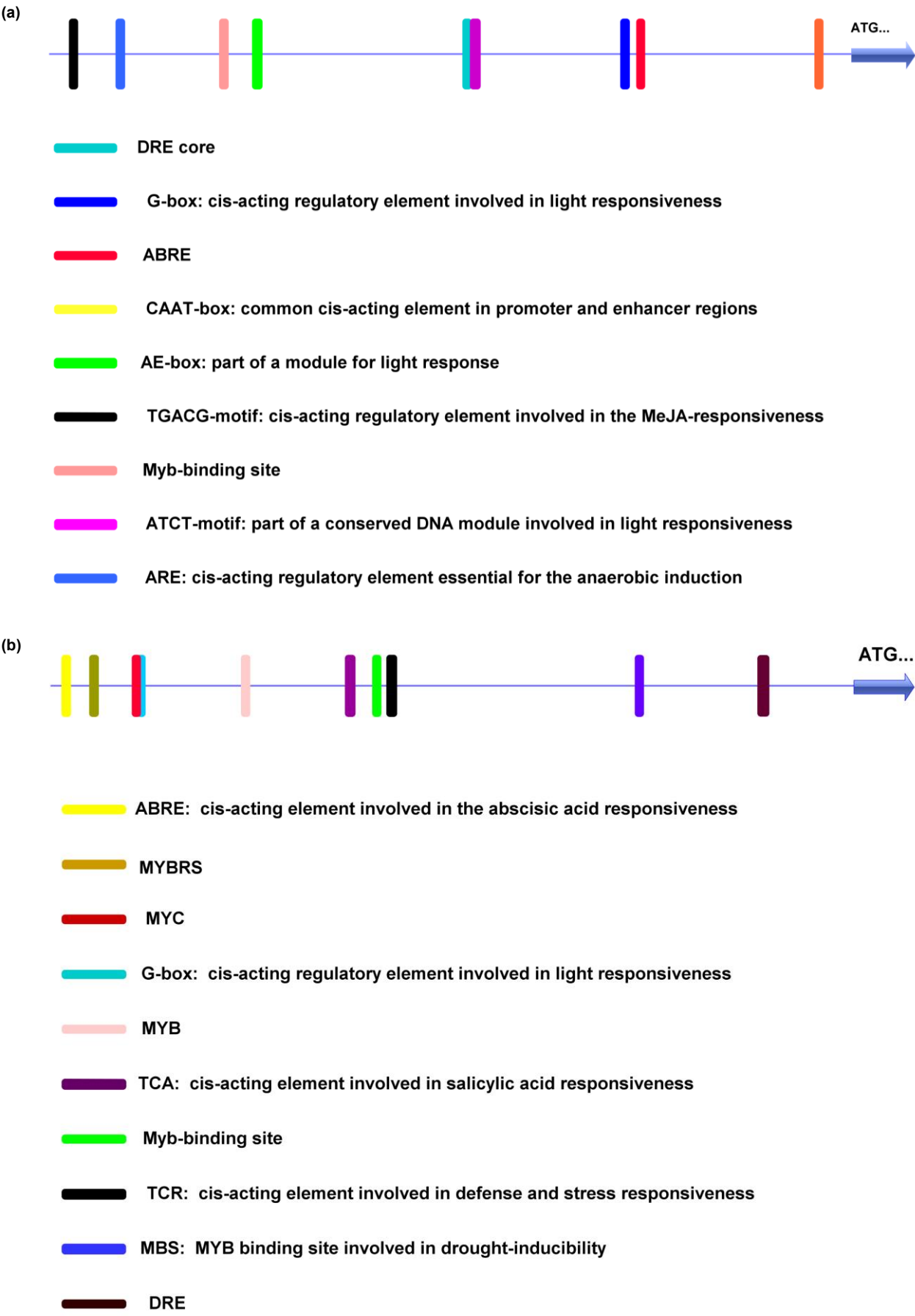


Fig. S1 Shown are the cis-acting element of promoter regions of *HvDREB4.1* (a) and *HvDREB4.2* (b)

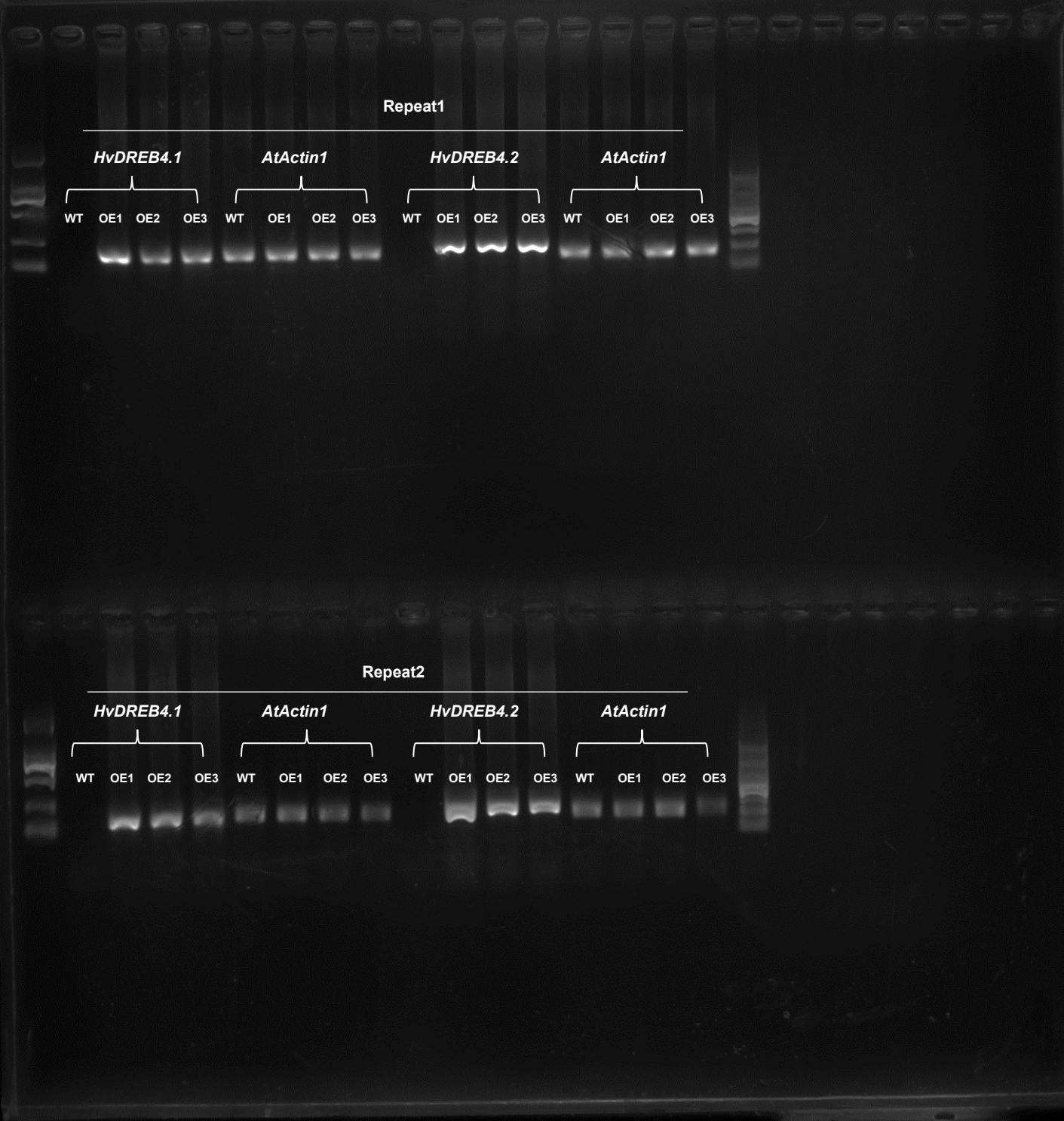


Fig. S2 Expression analysis of *HvDREB4.1* and *HvDREB4.2* in *Arabidopsis thaliana* seedlings. RT-PCR data derived from seedlings of development under normal growth conditions. Transcript levels were presented as relative to the level of internal reference *AtActin1* gene.

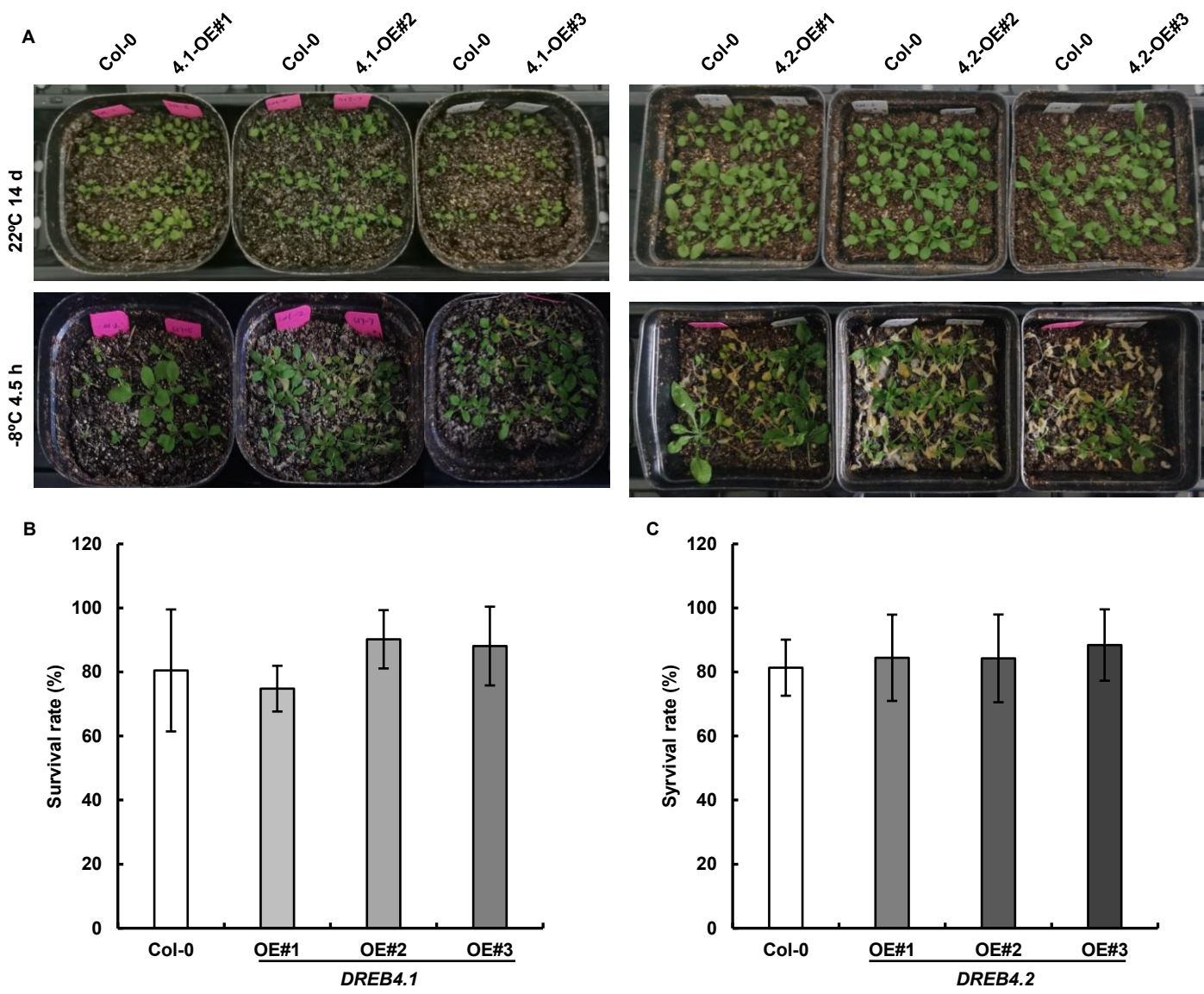


Fig. S3 Morphological phenotypes of *HvDREB4.1* and *HvDREB4.2* seedlings before and after freezing treatment. Three-week-old seedlings grown at 22°C were subject to freezing treated for 4.5 h with -8°C, and then allowed to recover for 15 d. Plants were photographed after the recovery