

FIGURE S1 | Sequence alignment of *IbMYB116* with *AtMYB116*. → and ← indicate forward primer (IbMYB116-F: CGATTGCCATCAAACCACA) and reverse primer (IbMYB116-R: CTCCTCCAGTTCCAAGCAGAT).

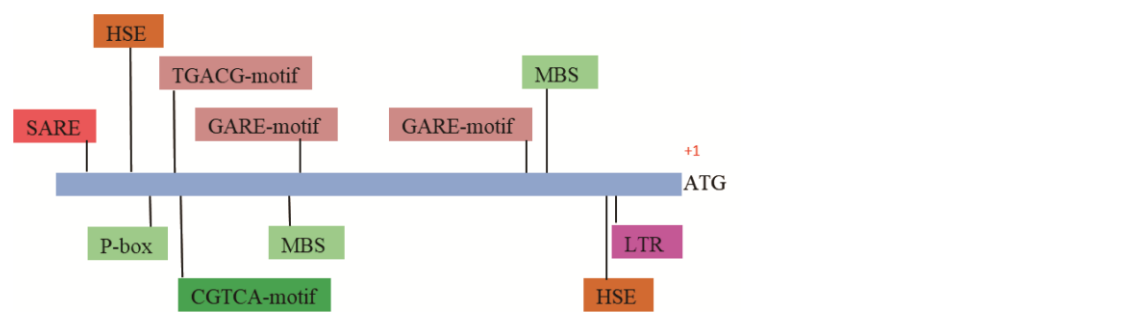


FIGURE S2 | The promoter of *IbMYB116* showing different *cis*-acting regulatory elements associated with abiotic stresses.

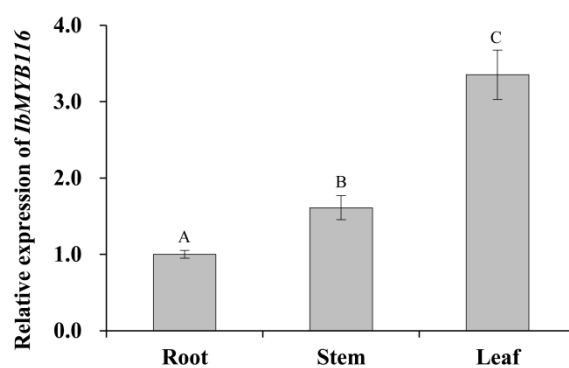


FIGURE S3 | Expression analysis of *IbMYB116* in root, stem and leaf tissues of *in vitro*-grown Xushu55-2. Data are presented as the means \pm SE ($n = 3$). Different capital letters indicate a significant difference at $P < 0.01$ according to the Student's *t*-test.

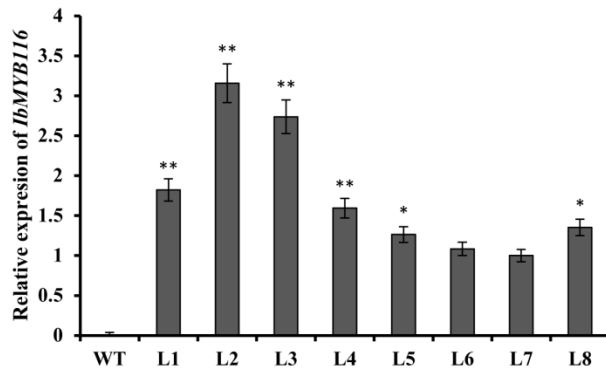


FIGURE S4 | Expression analysis of *IbMYB116* in the transgenic *Arabidopsis* plants. *Atactin* (NM112764) was used as an internal control and the relative expression levels were calibrated using the transgenic line (L7) with the lowest expression. Data are presented as the means \pm SE ($n = 3$). * and ** indicate significant differences from L7 at $P < 0.05$ and $P < 0.01$, respectively, according to the Student's *t*-test.