

**Fig. S1:** Cis-elements analysis of 20 *TaMATEs*, gene promoters in *Triticum aestivum* L. The potential cis-regulatory elements in the promoter region 2,000 bp upstream of *Triticum aestivum* L. were predicted by PlantCARE software. Different colours indicated the elements related to growth and development, plant hormones, and stress responsiveness.