



Fig. S4. LOGO analysis of conserved uORF peptides across six *Populus* species.

a-e Sequence LOGO analysis of 6 uORF encoded peptides which were conserved in 6 *Populus* species, letters represent amino acids, height represents conservation level, red represents acidic amino acids, blue represents alkaline amino acids, black represents hydrophobic amino acids, and green represents polar amino acids.