

Phenylalanine ammonia-lyase (PAL) genes family in wheat (*Triticum aestivum* L.): genome-wide characterization and expression profiling

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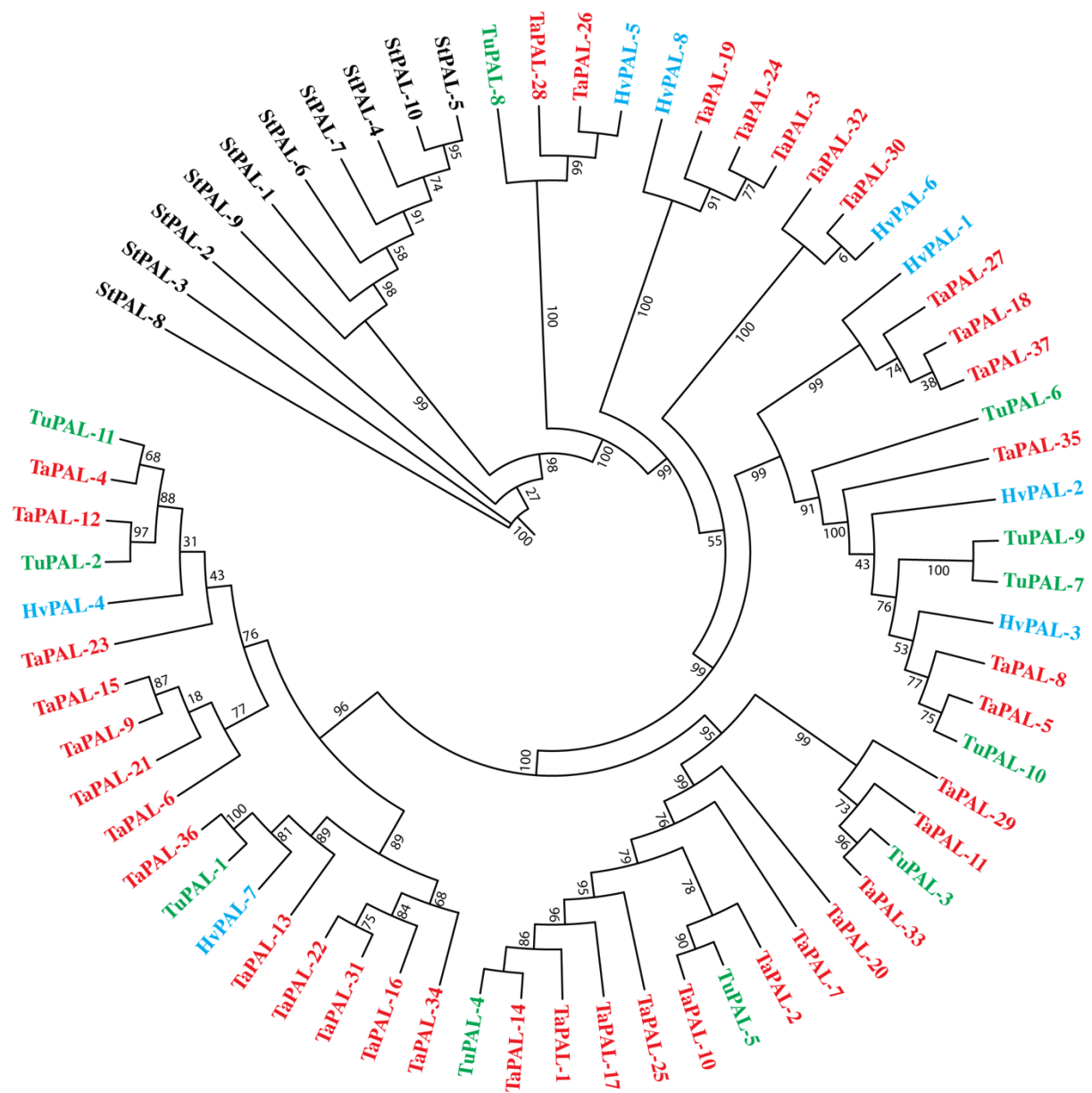
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Running Head: Genome-wide studies of *TaPAL* genes



Supplementary Figure S1. Ancestral relationship (phylogenetic tree) of PAL genes between *Triticum aestivum* (Ta, red), *Hordeum vulgare* (Hv, blue), *Solanum tuberosum* (St, black), and *Triticum urartu* (Tu, green). 1000 replicates were used for bootstrap test.