

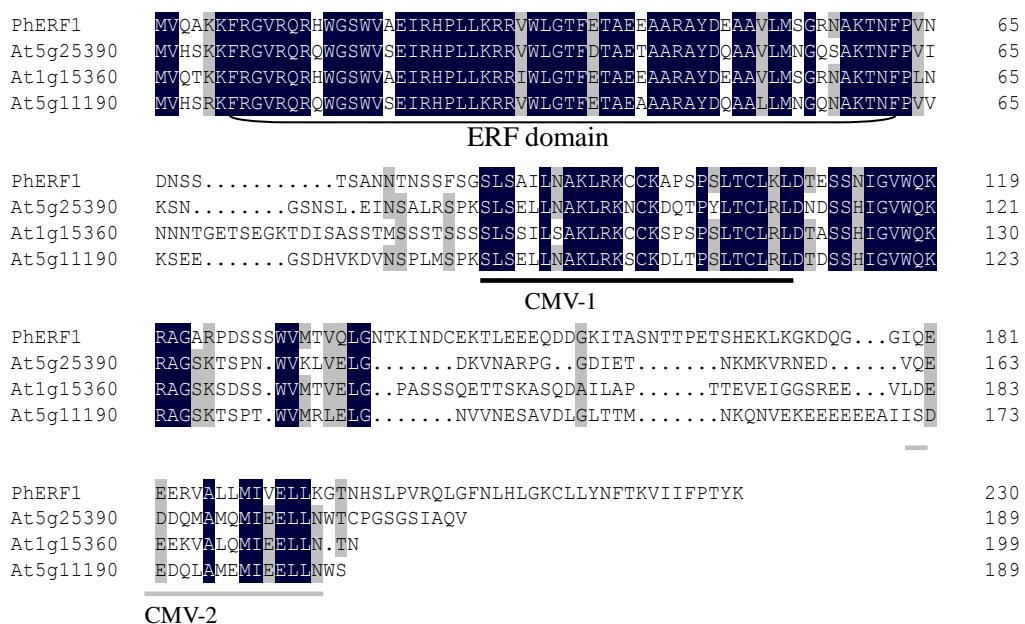
**Identification and expression analysis of *ERF* transcription factor genes in petunia
during flower senescence and in response to hormone treatments**

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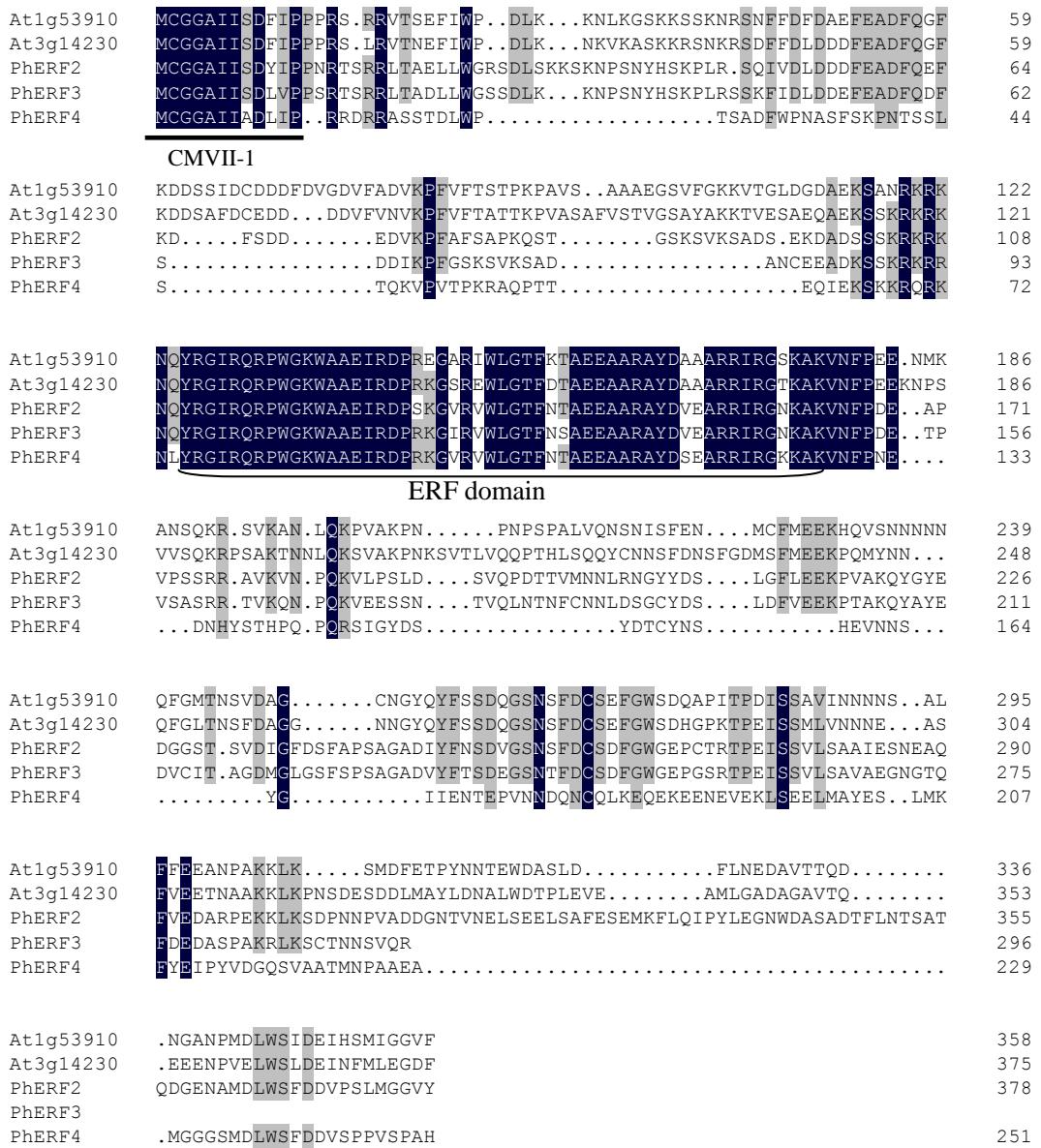
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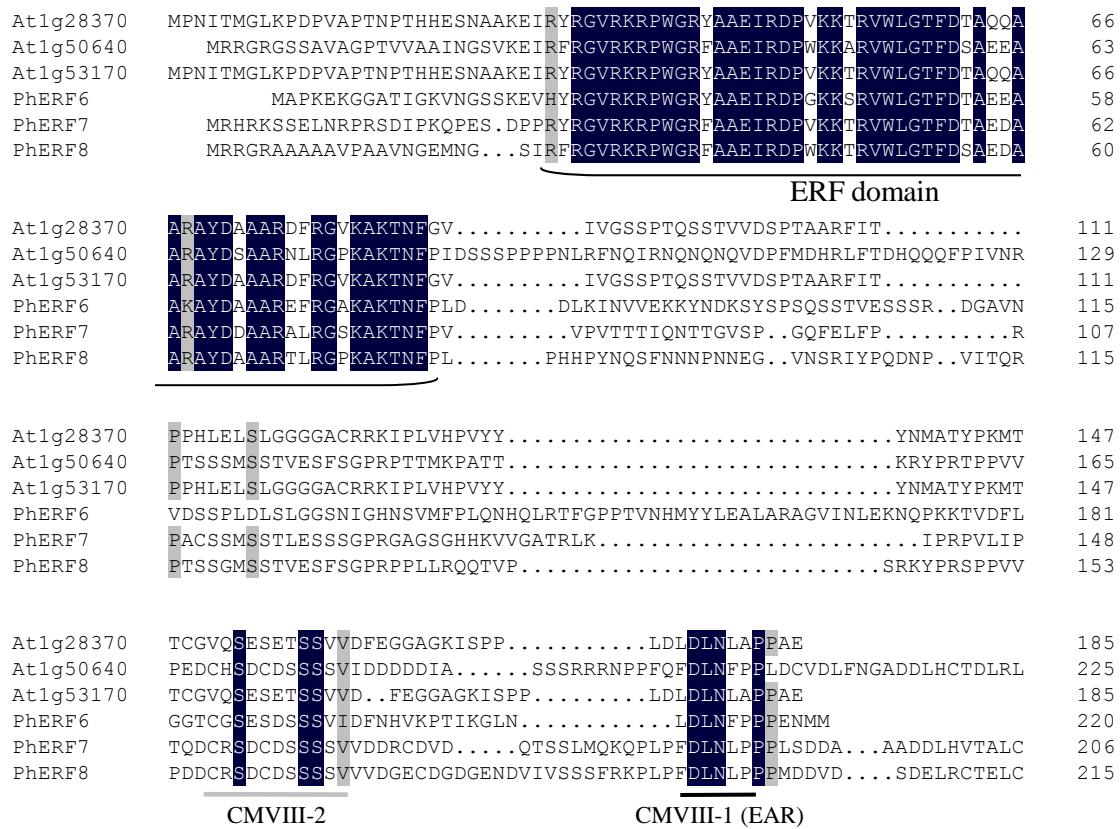
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Supplementary Fig. S1a: Amino acid sequence alignment of Group V ERFs that includes PhERF1, At1g15360/SHN1, At5g11190/SHN2, and At5g25390/SHN3 using DNAMAN program. Conserved residues are shaded in black. Grey shading indicates similar residues in three out of four of the sequences. The filled black bar below the sequences represents the CMV-1 motif and the gray bar below the sequences represents the CMV-2 motif.



Supplementary Fig. S1b: Amino acid sequence alignment of Group V ERFs that includes PhERF2, PhERF3, PhERF4, At1g53910/RAP2.12 and At3g14230/RAP2.2, using DNAMAN program. Conserved residues are shaded in black. Grey shading indicates similar residues in four out of five of the sequences. The filled black bar below the sequences represents the CMVII-1 motif.



Supplementary Fig. S1c: Amino acid sequence alignment of Group V ERFs that includes PhERF6, PhERF7, PhERF8, At1g28370/AtERF11, At1g50640 /AtERF3 and At1g53170/AtERF8 using DNAMAN program. Conserved residues are shaded in black. Grey shading indicates similar residues in five out of six of the sequences. The filled black bar below the sequences represents the CMVIII-1 (EAR) motif and the gray bar below the sequences represents the CMVIII-2 motif.