

Expression analysis of the Arabidopsis CP12 gene family suggests novel roles for these proteins in roots and floral tissues.

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Supplementary Material

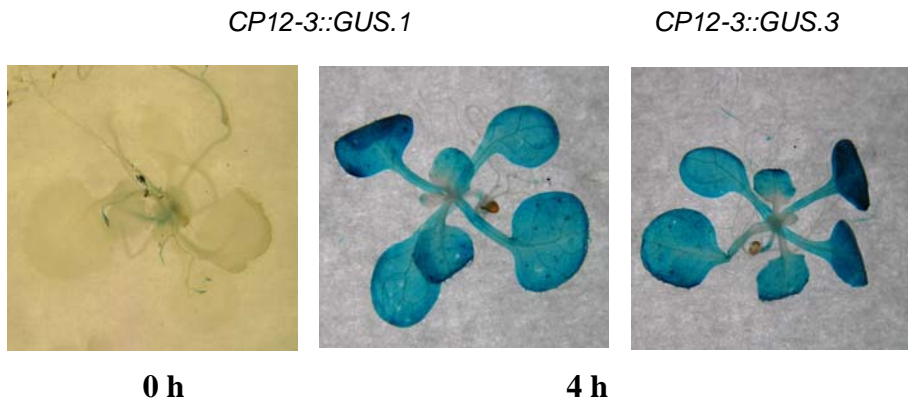


Figure S1. Histochemical staining of two *CP12-3::GUS* lines after anaerobic treatment. Transgenic *Arabidopsis* seedlings were grown for 14 days in petri dishes containing $\frac{1}{2}$ strength MS with 1% sucrose, 14 h light/10 h dark and seedlings were then subjected to a 4 h anaerobic treatment by submerging seedlings in water for four hours prior to staining.

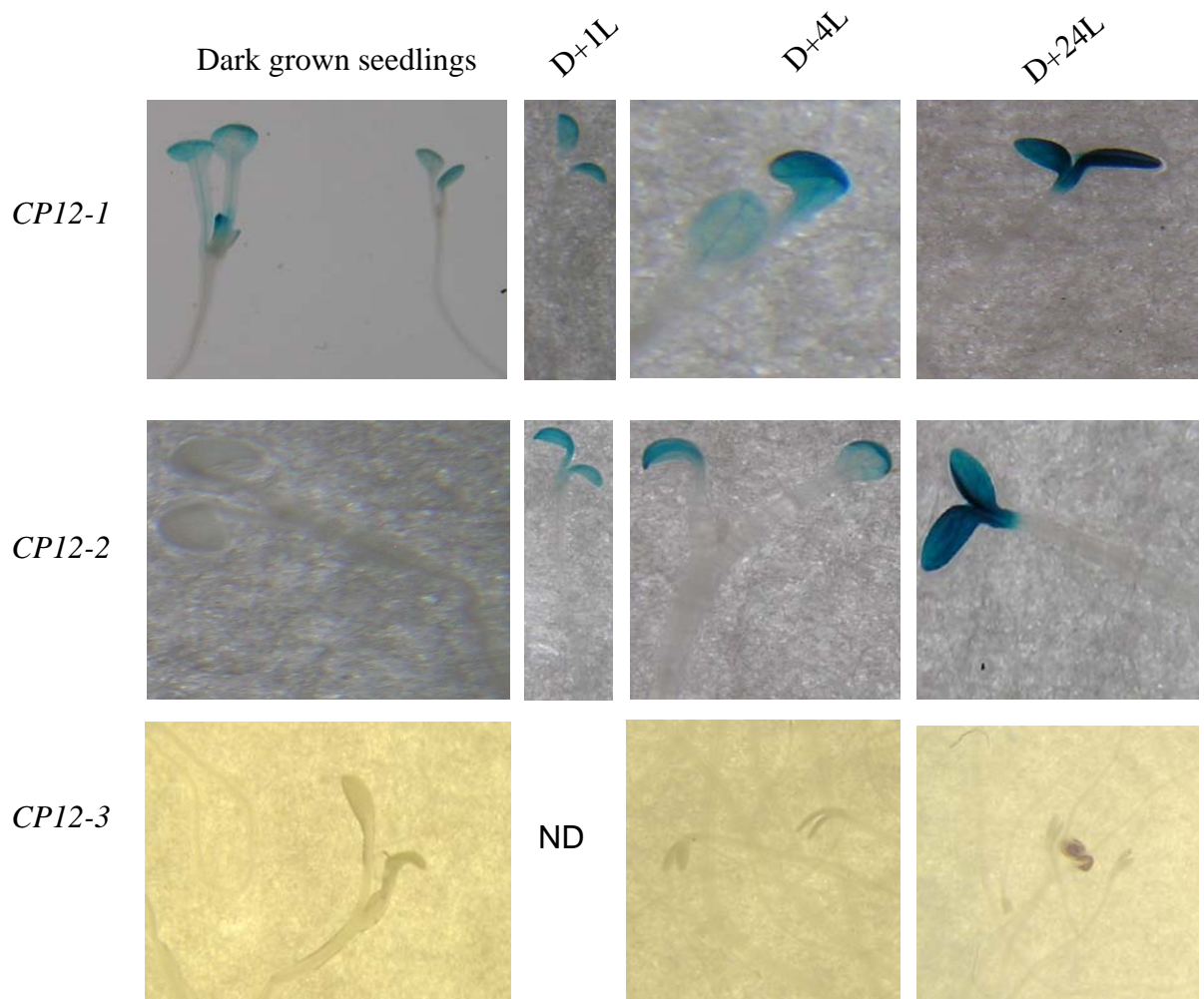


Figure S 2. GUS expression analysis in the *CP12-1::GUS*, *CP12-2::GUS* and *CP12-3::GUS* transgenic lines in dark grown seedlings. Transgenic *Arabidopsis* seedlings were grown in the dark for 10-12 days in petri dishes containing ½ strength MS with 1% sucrose and subjected to GUS staining. Additional dark grown plants were illuminated for 1 (D+ 1L), 4 (D + 4L) or 24 h (D + 24L) before staining.

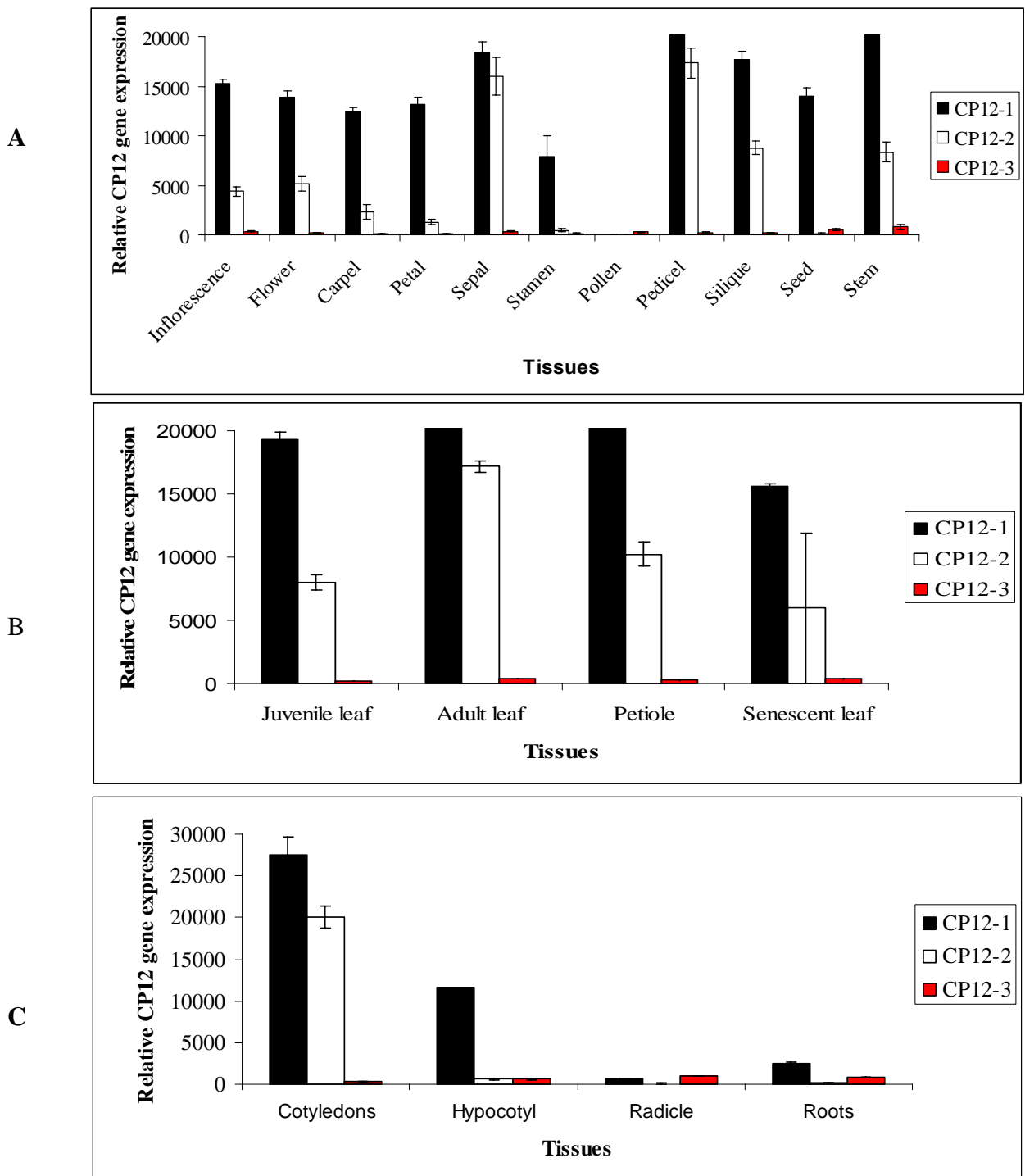


Figure S3: Expression profiling data for the Arabidopsis *CP12* genes. The figure was modified from an output result of Gene Atlas of Genevestigator. Error bars represent the standard deviation (n=3).