

## Supplementary Material

### Identification of conserved genes linked to responses to abiotic stresses in leaves among different plant species

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**Table S1.** A list of the most highly interactive proteins among drought-, cold-, heat-modulated genes, commonly present in studies for each category

AGI ortholog, description, degree, betweenness and trend of expression were indicated

Id	Label	Degree	Betweenness	Expression	Description
AT3G25520	ATL5	34	21.14	Upregulated	OLIGOCELLULA 5
AT5G39740	RPL5B	33	18.49	Upregulated	Ribosomal protein L5B family protein
AT1G26910	RPL10B	32	16.46	Upregulated	Ribosomal protein L10B family protein
AT4G34670	RPS3AB	32	6.52	Upregulated	Ribosomal protein S3AB family protein
AT3G52580	RPS14C	32	6.52	Upregulated	Ribosomal protein S14C family protein
AT5G10360	RPS6B	32	6.52	Upregulated	Ribosomal protein S6B family protein
AT3G49010	RPL13B	31	7.44	Upregulated	Ribosomal protein L13 family protein
AT5G18380	RPS16C	30	14.92	Upregulated	Ribosomal protein S16 family protein
AT3G49910	RPL26A	30	12.8	Upregulated	Ribosomal protein L26 family protein
AT4G15000	RPL27C	30	6.33	Upregulated	Ribosomal protein L27 family protein
AT5G58420	RPS4D	29	4.61	Upregulated	Ribosomal protein S4 family protein
AT2G32060	RPS12C	29	4.27	Upregulated	Ribosomal protein S12 family protein
AT2G19740	RPL31A	28	5.22	Downregulated	Ribosomal protein L31 family protein
AT2G09990	RPS16A	27	13.11	Upregulated	Ribosomal protein S16 family protein
AT1G77940	RPL30B	27	4.83	Upregulated	Ribosomal protein L30 family protein
AT2G36170	RPL40B	27	4.72	Upregulated	Ribosomal protein L40 family protein
AT5G59240	RPS8B	27	4.02	Upregulated	Ribosomal protein S8B family protein
AT1G57860	RPL21F	27	3.89	Downregulated	Ribosomal protein L21 family protein
AT2G21580	RPS25B	27	3.47	Upregulated	Ribosomal protein S25 family protein
AT1G58380	RPS2A	26	16.68	Upregulated	Ribosomal protein S2A family protein
AT5G14320	RPS13	25	20.81	Upregulated	Ribosomal protein S13 family protein
AT5G27700	RPS21C	25	3.01	Upregulated	Ribosomal protein S21C family protein
AT4G29390	RPS30C	25	1.88	Downregulated	Ribosomal protein S30 family

0				d	protein
AT1G17560	HLL	24	14.71	Upregulated	HUELLENLOS
AT3G13120	RPS10	24	12.85	Upregulated	Ribosomal protein S10 family protein
AT5G60670	RPL12C	24	2.76	Upregulated	Ribosomal protein L12 family protein
AT3G61110	RPS27B	24	2.19	Upregulated	Ribosomal protein S27 family protein
AT5G47320	RPS19	23	7.92	Downregulated	Ribosomal protein S19 family protein
AT3G52590	RPL40B	23	1.7	Upregulated	Ribosomal protein L40 family protein
AT4G14320	RPL36A B	22	1.59	Upregulated	Ribosomal protein L36 family protein
AT1G59359	RPS2B	20	9.33	Upregulated	Ribosomal protein S2B family protein
AT5G28060	RPS24B	19	1.12	Upregulated	Ribosomal protein S24B family protein
AT2G40010	RPP0A	19	0.88	Upregulated	Ribosomal protein P0A family protein
AT1G07320	RPL4	13	3.65	Upregulated	Ribosomal protein L4 family protein
AT1G49400	emb1129	12	0.77	Upregulated	EMBRYO DEFECTIVE 1129
AT5G54600	RPL24	11	2.81	Downregulated	Ribosomal protein L24 family protein
AT3G05560	RPL22B	11	0.03	Downregulated	Ribosomal protein L22B family protein
AT1G78630	RPL13	5	0.73	Upregulated	Ribosomal protein L13 family protein
AT2G34520	RPS14	5	0.32	Upregulated	Ribosomal protein S14 family protein