

Supplemental Table 1 Differentially expressed genes significant in more than one interaction.

GenBank Accession	TIGR TC v.9	Functional Category Gene Annotation	Fold Change		
			<i>E. pisi</i>	<i>C. trifolii</i>	<i>P. medicaginis</i>
1-Cell wall					
AI974300	TC114192	Caffeic acid O-methyltransferase-like protein (<i>Arabidopsis thaliana</i>)		0.53	1.48
AW127704	TC124613	Abscisic acid and environmental stress inducible protein (<i>Medicago sativa</i>)	2.19	0.20	
2-Cytoskeleton					
AW171648	TC128221	Beta-tubulin 2 (<i>Pisum sativum</i>)		0.69	1.44
3-Membrane transport					
BF006225	TC124342	Mitochondrial phosphate transport protein G7 (<i>Glycine max</i>)		2.02	1.45
BG582785	TC116412	Ca ²⁺ /H ⁺ -exchanging protein, (<i>Vigna radiata</i>)		0.77	0.70
AI974613	TC120266	Putative ATP synthase beta chain		2.54	0.60
AI974231	TC128768	Aquaporin (<i>Zea mays</i>)		0.52	0.54
4-Vesicular trafficking, secretion, protein sorting					
AI974290	TC128797	Adenosylhomocysteinase (<i>Medicago truncatula</i>)	0.32		1.62
5-Primary metabolism					
AI974242	TC115626	S-adenosylmethionine synthetase (<i>Medicago truncatula</i>)	0.49		1.52
AW127259	TC113707	S-adenosylmethionine synthetase (<i>Medicago sativa</i>)		2.39	1.91
AI974327	TC117283	S-adenosylmethionine synthetase (<i>Medicago sativa</i>)	0.24	2.02	1.63
AW256410	TC114188	Glycerinaldehyde-3-phosphate dehydrogenase (<i>Pisum sativum</i>)	0.64		1.84
AW776463	TC141126	Thiamin biosynthetic enzyme (<i>Glycine max</i>)	0.50		1.64
AI974370	TC133245	Cytochrome b6	0.44		1.75
BF520339	TC124397	Photosystem I psaH precursor	0.46	0.56	
AW127601	TC134653	Ribulose 1,5-bisphosphate carboxylase small subunit	0.65	0.41	
6-Secondary metabolism					
AW207939	TC117768	Chalcone synthase (<i>Medicago sativa</i>)		4.29	1.62
AI974240	TC116581	Chalcone synthase		2.74	1.51
AW560345	TC113451	Chalcone reductase (<i>Medicago sativa</i>)		6.13	1.57
AI974276	TC113451	Chalcone reductase (<i>Medicago sativa</i>)		2.87	1.42
AW256807	TC115787	SRG1 (<i>Arabidopsis thaliana</i>)		2.93	3.39
AI974627	TC120837	SRG1 (<i>Arabidopsis thaliana</i>)		2.90	3.29
AI974527	TC128258	Isoflavone reductase (<i>Medicago truncatula</i>)		4.99	1.92
AW559532	TC113293	Isoflavone-7-O-methyltransferase (<i>Medicago sativa</i>)		2.60	2.28
AW256393	TC114257	Farnesyl-pyrophosphate synthetase	0.50	0.69	
8-Gene expression and RNA metabolism					

BG586838	TC114921	Polynucleotidyl transferase	1.39		0.65
AW299125	TC124369	MADS box transcription factor ETL		0.75	0.3

9-Protein synthesis and processing

AI974446	TC122513	Ubiquitin	0.33	1.81	1.38
AW560057	TC137052	Cysteine proteinase inhibitor (<i>Vigna unguiculata</i>)		2.50	1.38
AI974458	TC115507	L3 Ribosomal protein (<i>Medicago sativa</i>)	1.89		1.63
AW256813	TC126342	Ribosome-associated protein p40 (<i>Cicer arietinum</i>)	1.48		1.40
AW329865	TC116702	Elongation factor 1-alpha (EF1-a) (<i>Vicia faba</i>)	0.77		1.95
AI974277	TC119319	Polyubiquitin (<i>Thlaspi caerulescens</i>)	0.42		1.44
AI974635	TC132813	Peptidase C1A	0.50		1.44
AI974608	TC141238	Cysteine proteinase (<i>Pisum sativum</i>)	0.47		1.45
AW560212	TC122513	Polyubiquitin (ubq10) (<i>Arabidopsis thaliana</i>)		0.50	1.37

10-Signal transduction

BG645475	TC136955	GDP dissociation inhibitor (<i>Nicotiana tabacum</i>)		1.74	1.45
AI974641	TC112641	Cysteine peptidase (<i>Medicago truncatula</i>)		1.57	2.29

11-Cell division cycle

AW127523	TC114513	GTP-binding protein (<i>Cicer arietinum</i>)	0.59		1.51
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12-Miscellaneous

AW559945	TC114533	Peroxidase (<i>Medicago sativa</i>)		1.84	2.45
AW127384	TC112628	Lipoxygenase (<i>Pisum sativum</i>)		0.26	1.67
AI737514	TC127976	Haem peroxidase		0.44	0.55

13-Defense and cell rescue

AW560163	TC113538	Thaumatococin-like protein (<i>Malus x domestica</i>)	2.55	9.15	4.56
AW559902	TC125088	Pathogenesis-related protein 4A (<i>Pisum sativum</i>)	1.47	4.62	2.87
AW127408	TC131880	PR10-1 protein (<i>Medicago truncatula</i>)	1.42	3.13	1.84
AW587195	TC131880	PR10-1 protein (<i>Medicago truncatula</i>)		8.11	1.94
AW561042	TC117333	Pathogenesis-related protein 10 (<i>Pisum sativum</i>)		5.20	2.52
AW587229	TC131880	PR10-1 protein (<i>Medicago truncatula</i>)		7.63	2.04
AW560467	TC122461	Pprg2 protein (<i>Medicago sativa</i>)	3.86		2.19
BF520375	TC133366	Metallothionein (<i>Glycine max</i>)	0.45		1.37
AW560608	TC131359	Metallothionein (<i>Pisum sativum</i>)	0.55		2.16
AW560652	TC115480	Superoxide dismutase (<i>Pisum sativum</i>)	0.79		1.41
AW560047	TC121035	Class I chitinase (<i>Medicago truncatula</i>)		2.71	3.19

15-Abiotic stimuli and development

AW559678	TC115897	Aldo/keto reductase (<i>Medicago truncatula</i>)		1.58	1.5
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16-Unknown function

AW775413	TC122381	Chromosome chr4 scaffold_6 (<i>Vitis vinifera</i>)	0.69		0.65
AI974235	TC123393	Chromosome chr5 scaffold_2 (<i>Vitis vinifera</i>)		0.46	0.47
BG580628	TC133405	Weakly similar to UP Q7P6G5 (Q7P6G5) Membrane protein, partial (7%)	1.40		0.34
