

Supplemental Table 2 Differentially expressed genes significant in more than one time point of the time course study with *P. medicaginis*.

GenBank Accession	TIGR TC v. 8	Functional Category Gene Annotation	Fold Change			
			1 DAI	2 DAI	5 DAI	10 DAI
1-Cell wall						
AW586742	TC137319	Extensin class 1 protein precursor (<i>Vigna unguiculata</i>)		1.37	2.06	
AW256661	TC117765	Pectinesterase inhibitor (<i>Medicago truncatula</i>)			1.69	1.57
AW256661	TC117765	Pectinesterase inhibitor (<i>Medicago truncatula</i>)			1.69	1.52
AW586969	TC114923	Syringolide-induced protein 19-1-5 (<i>Glycine max</i>)	1.47			0.57
BE999774	TC121140	Proline-rich protein (<i>Medicago truncatula</i>)	1.56	1.74	4.77	5.68
AW585874	TC119971	Proline-rich protein (<i>Medicago truncatula</i>)	1.39		3.66	5.25
AW208018	TC119971	Proline-rich protein (<i>Medicago truncatula</i>)			1.60	2.17
AW125962	TC116432	PEARLI 1-like protein (<i>Arabidopsis thaliana</i>); extensin like protein (<i>Populus nigra</i>)		0.71		0.63
3-Membrane transport						
AW736197	TC116640	Vacuolar citrate/H ⁺ symporter (<i>Citrus sinensis</i>)	1.39	1.39	1.57	
5-Primary metabolism						
AI737526	TC113436	Chlorophyll a/b binding protein (<i>Medicago sativa</i>)			4.87	1.89
AI974370	TC133245	Cytochrome b6		0.63	1.74	1.75
AW256383	TC125560	Phosphoenolpyruvate carboxylase (<i>Medicago sativa</i>)			0.49	0.60
AW127259	TC113707	S-adenosylmethionine synthetase			1.75	1.91
AI974327	TC117283	S-adenosylmethionine synthetase			1.76	1.63
AI737513	TC136169	Phenylalanine ammonia-lyase (<i>Trifolium pratense</i>)	1.44		1.61	
AI974230	TC113431	2OG-Fe(II) oxygenase (<i>Medicago truncatula</i>)	2.34	2.39	3.71	0.68
AI974351	TC136060	Ferredoxin-NADP reductase (<i>Pisum sativum</i>)		0.71	0.51	
6-Secondary metabolism						
AI974240	TC116581	Chalcone synthase (<i>Medicago sativa</i>)	2.47		5.16	1.62
AW207939	TC117768	Chalcone synthase (<i>Medicago sativa</i>)	2.39	1.36	4.60	1.51
AW587237	TC118117	Chalcone synthase (<i>Vitis vinifera</i>)	1.41			0.63
AI974337	TC134434	O-methyltransferase (<i>Glycyrrhiza echinata</i>)	1.42	1.41	3.78	5.77
AW559532	TC113293	Isoflavone-7-O-methyltransferase (<i>Medicago sativa</i>)			2.23	2.28
AW208084	TC132525	Putative chalcone isomerase 4 (<i>Glycine max</i>)	1.62	1.48	2.53	
AW928288	TC128258	Isoflavone reductase (<i>Medicago truncatula</i>)	1.71	1.53	3.13	1.92
AW928288	TC128258	Isoflavone reductase (<i>Medicago truncatula</i>)	1.78	1.69	2.93	1.87
AW560345	TC113451	Chalcone reductase (<i>Medicago sativa</i>)	2.10	1.38	3.70	1.57
AI974276	TC113451	Chalcone reductase (<i>Medicago sativa</i>)	1.72		2.24	1.42
AW267814	TC116656	Chalcone isomerase (<i>Medicago sativa</i>)	1.59	1.54	2.13	
AW256807	TC115787	Chromosome chr15 scaffold_19 (<i>Vitis vinifera</i>)	1.58	1.70	2.99	3.39
AI974627	TC120837	Chromosome chr15 scaffold_19 (<i>Vitis vinifera</i>)	1.60	1.44	3.13	3.29
BE203323	TC120287	PRD2 protein (<i>Vigna unguiculata</i>)		1.65	3.11	2.63
8-Gene expression and RNA metabolism						
AI974628	TC116221	DELLA protein (<i>Phaseolus vulgaris</i>)			0.46	0.63

9-Protein synthesis and processing						
AW560057	TC137052	Cysteine proteinase inhibitor (<i>Vigna unguiculata</i>)		1.38	1.99	1.38
AI974446	TC122513	Polyubiquitin (<i>Capsicum chinense</i>)			1.78	1.38
AW256496	TC114384	Elongation factor-1 alpha (<i>Gossypium hirsutum</i>)			1.78	2.11
BF521347	TC119644	Elongation factor 1-alpha (<i>Manihot esculenta</i>)			1.82	2.11
10-Signal transduction						
AI974641	TC112641	Cysteine peptidase active site (<i>Medicago truncatula</i>)	1.43	1.53	2.47	2.29
AW257004	TC118888	Apyrase-like protein (<i>Medicago truncatula</i>)			1.62	2.05
12-Miscellaneous						
AI974587	TC128799	Beta-glucosidase (<i>Medicago truncatula</i>)		0.73		2.17
AI737514	TC127976	Peroxidase precursor (<i>Medicago truncatula</i>)			0.44	0.55
AW256303	TC127976	Peroxidase precursor (<i>Medicago truncatula</i>)			0.50	0.56
AI974478	TC113110	DnaJ protein (<i>Hevea brasiliensis</i>)	1.37			0.55
AW256487	TC116922	Peroxidase1B (<i>Pisum sativum</i>)		1.70	1.92	
AW559945	TC114533	Peroxidase (<i>Medicago sativa</i>)		1.41	2.66	2.45
AW127384	TC112628	Lipoxygenase (<i>Pisum sativum</i>)		0.61		1.67
13-Defense and cell rescue						
AW559902	TC125088	Pathogenesis-related protein 4A (<i>Pisum sativum</i>)		2.09	2.60	2.87
AW560047	TC121035	Class I chitinase (<i>Medicago truncatula</i>)	2.40	2.44	4.34	3.19
AW587195	TC131880	PR10-1 protein (<i>Medicago truncatula</i>)	1.49	1.69	2.88	1.94
AW127408	TC131880	PR10-1 protein (<i>Medicago truncatula</i>)	1.55	1.63	2.37	1.84
AW587229	TC131880	PR10-1 protein (<i>Medicago truncatula</i>)	1.48	1.50	2.94	2.04
AW561042	TC117333	Pathogenesis-related protein 10 (<i>Pisum sativum</i>)	1.92	2.41	5.01	2.52
AW256728	TC116243	Class 10 PR protein	1.61	1.85	3.10	1.75
AW256330	TC122461	Pprg2 protein (<i>Medicago sativa</i>)	1.55	1.76	3.04	1.83
AW560467	TC122461	Pprg2 protein (<i>Medicago sativa</i>)	1.64	1.91	2.94	2.19
AI974601	TC122461	Pprg2 protein (<i>Medicago sativa</i>)	1.76	1.73	3.35	2.39
AW584270	TC113509	Chitinase class III, basic (<i>Medicago truncatula</i>)	1.79	2.53	2.60	4.46
AW560163	TC113538	Thaumatococin-like protein (<i>Malus x domestica</i>)		2.84	7.90	4.56
AW560813	TC117220	Glycoside hydrolase, family 18			2.34	3.28
AW256887	TC119852	Functional candidate resistance protein KR1 (<i>Glycine max</i>)			1.74	0.75
14-Symbiosis						
BG587088	TC124499	Early nodulin N93 (<i>Glycine max</i>)			3.73	0.44
BG583283	TC119488	Nodulin 25 (<i>Medicago truncatula</i>)		0.30		0.39
AW777094	TC113614	Nodulin 25 (<i>Medicago truncatula</i>)		0.35		0.41
AW980582	TC113614	Nodulin 25 (<i>Medicago truncatula</i>)		0.29		0.39
16-Unknown function						
AW573905	TC125381	Chromosome chr8 scaffold_23 (<i>Vitis vinifera</i>)		1.21		0.52
AI974358	TC121716	AX110P -like embryogenesis-associated protein (<i>Daucus carota</i>)		0.79		0.65
AI974783	Singleton			0.61	1.28	0.39
AI974794	TC137063	Uncharacterized transporter BUsg_450		0.64		0.49