

Supplemental Table 2. Genes with statistically significant changes in gene expression identified from microarray analyses of Mt*IFS1*-expressing lines C22 and B20

TIGR Identifier	Number of ESTs ¹	Fold-change (C22/B20)	p-value	Gene annotation of closest BLAST homolog
TC56412	3	4.41	0.0001	putative ABA-induced guard cell protein (<i>Vicia faba</i>)
TC52082	5	2.44	0.0222	bZIP transcription factor (<i>A. thaliana</i>)
TC58318	2	2.30	0.0222	ribitol kinase, putative (<i>A. thaliana</i>)
TC50366	2	-2.08	0.0002	At4g08980 (<i>A. thaliana</i>)
TC52786	13	-2.13	0.0266	At1g03840 (<i>A. thaliana</i>)
TC56338	3	-2.14	0.0062	AG-motif binding protein-5 (<i>Nicotiana tabacum</i>)
TC47341	4	-2.20	0.0255	expressed protein (<i>A. thaliana</i>)
TC51438	70	-2.43	0.0234	6-phosphogluconate dehydrogenase
TC50867	4	-2.65	0.0000	putative thaumatin protein (<i>A. thaliana</i>)
TC50822	2	-2.76	0.0496	protein kinase MK6 (<i>Mesembryanthemum crystallinum</i>)

TC44464	27	-2.82	0.0050	hypothetical protein (<i>L. corniculatus</i>)
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TC49689	2	-3.27	0.0000	No significant hit
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¹Number of ESTs in TIGR *Medicago* Gene Index Release 7.0 (May 2003).