

Supplementary Table 2: Fold change and cluster membership of MIT9313 genes that are differentially expressed in response to changing iron availability.

Gene	Description	Cluster ^o	0	16	28	53	R*
P9313_01131 (PMT0107)	conserved hypothetical protein	14	-0.19	0.45	0.06	-1.24	0.01
P9313_01141 (PMT0108)	ABC transporter, ATP binding protein	13	0.04	0.27	-0.20	-1.02	-0.24
P9313_01161 (PMT0110)	conserved hypothetical protein	13	-0.33	0.37	-0.14	-1.64	-0.02
P9313_01731	conserved hypothetical protein	10	-0.09	0.86	0.31	-1.51	-0.30
P9313_01981	conserved hypothetical protein	19	0.06	1.71	0.68	-0.05	-1.28
P9313_02141		20	-0.54	1.55	0.41	0.33	0.37
P9313_02281		19	0.14	1.65	0.46	0.07	-0.50
P9313_02851		18	0.25	0.69	0.29	-1.33	-0.38
P9313_03041		17	-0.24	-0.40	-0.62	-1.03	2.00
P9313_03111		26	0.24	-0.39	1.18	1.10	-0.24
P9313_03341 (PMT0283) ^{‡†}	glycyl-tRNA synthetase, alpha subunit (<i>glyQ</i>)	4	-0.11	1.95	1.83	1.89	-1.71
P9313_03361 (PMT0284)	possible porin (<i>som</i>)	2	-0.19	0.32	0.27	1.51	-1.75
P9313_03371 (PMT0285)	possible Peptidase family M20/M25/M40	3	-0.05	0.52	0.14	1.35	-1.93
P9313_03381 (PMT0286)	uncharacterized iron-regulated protein (<i>piuC</i>)	4	0.02	1.11	0.74	1.18	-0.99
P9313_03391 (PMT0287) ^{‡†}	putative iron ABC transporter, substrate binding protein (<i>futAI</i>)	4	-0.26	1.19	0.81	2.03	-2.72
P9313_03491		14	0.07	-0.38	0.06	-1.03	0.28
P9313_03641 (PMT0303)	possible Kelch motif	38	0.35	0.41	0.70	1.22	-1.01
P9313_03841	conserved hypothetical protein	30	-0.50	-1.36	-0.45	-0.64	0.69
P9313_03941 (PMT0328)	possible bromodomain adjacent to zinc finger domain, 2B...	13	-0.17	0.10	-0.16	-1.13	-0.11
P9313_05621 (PMT0477)	hypothetical	8	0.02	1.07	0.10	0.12	0.04
P9313_05661	conserved hypothetical protein	17	-0.52	0.28	-0.19	-1.23	0.08
P9313_05761		8	-0.10	0.93	0.26	1.07	0.19
P9313_05891		4	-0.09	1.57	1.89	3.59	-3.72

P9313_05901 (PMT0496)	light-harvesting complex protein (<i>pcbB</i>)	4	-0.13	2.04	2.38	3.78	-3.70
P9313_05911	conserved hypothetical protein	2	-0.15	0.06	1.09	1.43	-1.49
P9313_05921		4	-0.09	1.77	1.79	2.02	-1.25
P9313_05941 (PMT0498)	possible Gram-negative pili assembly chaperone	30	-0.11	-1.74	-2.07	-1.96	2.87
P9313_05951 (PMT0499) ^{‡‡}	ferritin	23	-0.05	1.20	0.54	0.44	-0.12
P9313_06081 (PMT0510) ^{‡‡}	GCN5-related N-acetyltransferase (<i>rimI</i>)	30	-0.06	-1.92	-2.05	-1.61	1.28
P9313_06881	conserved hypothetical protein	38	-0.04	0.75	1.04	1.06	-0.28
P9313_08511 (PMT0722) ^{‡‡}	putative pantetheine-phosphate adenylyltransferase (<i>coaD</i>)	2	-0.11	0.34	0.53	1.10	-1.10
P9313_08731		4	0.05	0.94	0.43	0.87	-1.01
P9313_09371 (PMT0801) ^{‡‡}	flavodoxin (<i>isiB</i>)	4	0.09	1.81	1.79	3.19	-2.96
P9313_09501	conserved hypothetical protein	14	0.16	-0.18	0.38	-2.46	-0.14
P9313_09581 (PMT0820)	conserved hypothetical protein	23	-0.03	1.25	0.40	0.40	-0.10
P9313_09691		1	-0.20	0.40	-0.16	1.11	-0.18
P9313_09901		4	-0.17	0.62	0.44	1.39	-0.51
P9313_09911 (PMT0842)	pyrimidine dimer DNA glycosylase	4	-0.07	1.73	1.98	2.71	-2.91
P9313_10101 (PMT0855) ^{‡‡}	isochorismatase hydrolase family	4	-0.23	0.84	0.56	0.40	-1.32
P9313_10111 (PMT0856)	possible large-conductance mechanosensitive channel (<i>mscL</i>)	4	-0.10	0.20	0.82	1.02	-1.57
P9313_10171 (PMT0861)	uncharacterized protein conserved in bacteria	3	0.22	-0.21	0.17	0.81	-1.10
P9313_10181 (PMT0862) ^{‡‡}	predicted Fe-S oxidoreductases	4	-0.14	0.99	1.00	1.03	-1.21
P9313_10851	conserved hypothetical protein	4	0.17	0.58	0.83	0.64	-1.40
P9313_10901 (PMT0911)	hypothetical	4	-0.03	1.04	0.50	0.58	-0.66
P9313_10911	conserved hypothetical protein	2	-0.56	-0.22	0.99	1.52	-0.97
P9313_10981 (PMT0916)	hypothetical	18	-0.38	0.54	-0.40	-1.22	-0.07
P9313_11171		14	-0.01	-0.69	-0.25	-1.97	-0.40
P9313_11641		3	1.22	-0.03	0.14	1.55	-0.23
P9313_12191		4	-0.17	0.26	0.61	0.88	-1.07

P9313_12361	conserved hypothetical protein	4	0.29	0.54	0.81	1.28	-0.60
P9313_12371 (PMT0992)	possible high light inducible protein (<i>hli7</i>)	4	-0.16	0.61	-0.07	1.08	-2.78
P9313_12381		2	0.09	0.15	0.87	1.38	-0.90
P9313_12581	conserved hypothetical protein	2	-0.03	0.26	0.88	1.43	-0.13
P9313_12771		38	-0.07	0.06	1.10	0.53	-0.51
P9313_12781 (PMT1018)	hypothetical	4	-0.07	0.60	0.41	1.39	-0.87
P9313_12801		4	-0.21	5.53	4.01	6.14	-6.38
P9313_12851 (PMT1019)	conserved hypothetical protein	38	0.23	0.11	0.60	1.16	-0.85
P9313_13161	Conserved hypothetical protein	8	0.06	1.69	-0.23	0.14	-0.94
P9313_13251	Conserved hypothetical protein	35	0.65	0.17	-0.10	1.14	0.12
P9313_13381		18	0.15	1.54	-0.09	-0.45	-0.21
P9313_13611		26	0.06	-0.56	0.53	1.23	-0.38
P9313_14621 (PMT1152)	possible high light inducible protein (<i>hli9</i>)	3	-0.16	0.05	-0.34	0.55	-1.29
P9313_14641 (PMT1154) ^{‡†}	possible high light inducible protein (<i>hli8</i>)	3	0.00	-0.18	-0.40	0.30	-1.45
P9313_14861	cytochrome b6-F complex subunit VII	30	0.12	-1.31	-0.65	-0.53	0.48
P9313_14961 (PMT1181) ^{‡†}	maf-like protein	30	-0.13	-0.87	-0.53	-1.04	0.86
P9313_15141	conserved hypothetical protein	17	-0.67	-0.59	-0.47	-1.30	0.61
P9313_15331 (PMT1212) ^{‡†}	conserved hypothetical protein (with homology to nitrogen regulatory protein P- II)	17	-0.06	-0.35	-0.53	-1.40	0.37
P9313_15411 (PMT1220)	possible photosystem I reaction centre subunit XII (<i>psaM</i>)	30	0.14	-0.87	-0.41	-1.12	0.92
P9313_16111 (PMT1277)	hypothetical	4	0.29	0.97	0.98	1.77	-1.43
P9313_16231	conserved hypothetical protein	2	0.11	0.02	1.39	1.95	-2.18
P9313_16241	conserved hypothetical protein	3	0.41	0.09	-0.15	1.24	-0.94
P9313_16251 (PMT1288)	conserved hypothetical	4	0.19	0.65	1.71	1.92	-2.25
P9313_16611	guanylate kinase (<i>gmk</i>)	30	-0.18	-1.44	-0.78	-0.99	0.81
P9313_17651	conserved hypothetical protein	17	0.06	-0.76	-0.62	-1.23	0.52
P9313_18001		30	-0.17	-1.17	-1.06	-1.17	0.98
P9313_18021		35	0.15	-1.63	-0.30	-0.01	0.51

P9313_18041 (PMT1429) ^{‡†}	2Fe-2S Ferredoxin:Ferredoxin (<i>petF</i>)	30	0.01	-1.02	-0.71	-0.84	1.27
P9313_18941 [‡]	conserved hypothetical protein	30	-0.09	-0.98	-0.75	-1.40	0.79
P9313_19161	conserved hypothetical protein	38	0.57	0.93	1.19	2.13	-1.07
P9313_19261	conserved hypothetical protein	18	-0.33	1.23	-0.10	-1.17	-0.59
P9313_19501	conserved hypothetical protein	2	-0.05	-0.15	0.24	1.43	-0.53
P9313_19551 (PMT1554) ^{‡†}	pentapeptide repeats	4	-0.31	2.52	2.49	4.50	-4.29
P9313_19831 (PMT1570)	conserved hypothetical protein	13	0.32	0.03	-0.25	-1.09	0.01
P9313_19851 (PMT1572)	conserved hypothetical protein	27	0.06	-0.81	-0.11	-1.50	0.48
P9313_19981	conserved hypothetical protein	3	0.90	0.70	-0.38	1.06	-0.22
P9313_20721	conserved hypothetical protein	3	0.86	0.33	0.20	1.19	-0.13
P9313_20761		3	-0.03	-0.80	0.04	0.55	-1.23
P9313_21301	conserved hypothetical protein	38	-0.78	0.46	0.64	1.03	-1.52
P9313_21331		17	-0.12	-0.28	-0.58	-1.04	1.21
P9313_21571		13	-0.03	0.31	-0.41	-1.32	0.21
P9313_21601		39	0.09	-0.05	0.80	-1.06	-0.19
P9313_22121	conserved hypothetical protein	16	0.07	-0.70	-0.83	-1.29	0.45
P9313_22981	conserved hypothetical protein	16	0.37	-0.05	-0.24	-1.16	0.79
P9313_23111 (PMT1827)	hypothetical	17	-0.16	-0.04	-0.33	-1.06	0.35
P9313_23481		4	0.03	0.66	0.26	1.39	-0.77
P9313_24261 (PMT1927)	putative glycosyl transferase, group 1	27	-0.24	-1.20	-0.05	-0.43	0.04
P9313_24921	conserved hypothetical protein	35	0.29	-1.94	-0.88	0.11	0.34
P9313_25471		13	-0.26	0.15	-0.33	-1.38	0.03
P9313_28041		17	-0.18	-0.59	-0.48	-1.09	1.17
P9313_28051	conserved hypothetical protein	17	-0.11	-1.09	-0.77	-1.39	1.62
P9313_28071	conserved hypothetical protein	17	0.11	-0.44	-0.57	-1.45	0.59
P9313_28081 (PMT2240)	formate and nitrite transporters	30	-0.31	-0.96	-0.66	-1.04	1.00
PMT_ffs		35	0.04	-2.02	-0.09	1.01	-0.25
tRNA-Ala2		3	0.44	0.44	0.10	1.91	-0.81
tRNA-Arg2		3	0.45	-0.02	0.24	1.28	-0.62
tRNA-Asn1		35	-0.16	-2.62	-0.74	-0.13	-0.26

