

Supplementary Table 2S. Genes Detected In Mesophyll Cells.

Affy probe ^a	Description	AGI number ^b	Experiment 1		Experiment 2	
			Signal Intensity ^c	p-value ^d	Signal Intensity	p-value
11986_at	CaLB protein	At3g61050	1592	0.043968	1777.4	0.013092
11987_at	unknown protein	At4g34100	5320.9	0.000805	3827.6	0.003585
11988_at	unknown protein	At1g55680	2049.3	0.008689	2211.8	0.019304
11996_at	unknown protein	At2g39020	2599.1	0.031336	2213.2	0.002617
12008_at	unknown protein	At1g03140	2783.3	0.039365	1972.1	0.043968
12010_i_at	putative phosphoribosylglycinamide synthetase	At1g09830	4200.4	0.000936	5747.4	0.019622
12015_at	unknown protein	At2g26340	2562.5	0.05447	5089.2	0.004863
12020_at	unknown protein	At2g40420	1347.5	0.031336	2957.9	0.024711
12022_at	unknown protein	At1g10830	2408	0.017001	4400.5	0.001141
12030_at	ES43 like protein	At4g39100	3383.4	0.004863	4252.2	0.000219
12031_at	Thioredoxin	At4g29670	11442.6	0.001141	8254.8	0.002228
12034_at	Unknown protein	At4g02530	1641.9	0.014937	6771	0.000959
12036_at	30S ribosomal protein	At2g38140	36158.9	0.000266	67564.8	0.000219
12068_at	no hits		4307.2	0.006532	5361.7	0.011447
12074_at	protein cell death	At4g25650	2255.5	0.031336	1715.3	0.011447
12078_at	glycolate oxidase	At3g14415	19453.6	0.000388	28213.3	0.000959
12092_at	unknown protein	At1g31130	3214.5	0.003585	2967	0.005643
12098_at	unknown protein	At1g16320	7757.3	0.001354	5384.6	0.002228
12102_at	unknown protein	At1g79510	5538.1	0.000959	1892.3	0.006532
12107_i_at	Unknown protein	At4g04200	3036.5	0.04974	2359.1	0.004816
12112_at	Unknown protein	At4g34120	11938.3	0.007543	8565.5	0.009985
12117_at	Unknown protein	At4g27520	29334.3	0.000266	19669.8	0.000388
12124_at	imidazoleglycerol-phosphate dehydratase	At4g14910	2322.1	0.035163	3164.1	0.009985
12125_at	Unknown protein	At4g16450	5689.4	0.000562	13091.6	0.000388
12130_at	unknown protein	At2g44310	3885.1	0.003067	2227.5	0.021866
12131_at	unknown protein	At2g30000	2357.8	0.02786	2958.8	0.006532
12137_at	unknown protein	At1g22850	6089.6	0.007543	7290.5	0.000562
12141_s_at	hydroxymethylbilane synthase	At5g08280	1896.1	0.02786	5019.7	0.001141
12151_at	putative extensin	At2g43150	2662.1	0.005643	3082.8	0.00418
12153_at	unknown protein	At2g44360	2036.3	0.031336	2744.1	0.021866
12156_at	unknown protein	At2g29020	4889.3	0.001354	8265.5	0.000388
12159_at	postsynaptic protein CRIPT	At1g61780	2767.4	0.002617	7609.7	0.000388
12166_i_at	transcriptional regulator	At4g04830	2827.9	0.004883	1901.9	0.000977
12167_at	Ssh2	At3g51670	2858.1	0.014923	5950.3	0.006532
12169_i_at	unknown protein	At4g33960	5971.8	0.000327	3903.6	0.000403
12170_at	unknown protein	At4g28030	3591	0.017001	5225.7	0.024711
12174_at	ATP-dependent Clp protease	At4g17040	6579.2	0.00418	3176.7	0.003067
12175_at	unknown protein	At2g02180	5894.3	0.001892	3358.9	0.001141
12177_at	Unknown protein	At1g67350	6788	0.005643	7602.4	0.000322
12178_s_at	cysteine synthase (cpACS1)	At2g43750	3298.7	0.005643	11375.3	0.000219
12180_at	unknown protein	At5g44720	2407.9	0.027839	3449.1	0.001602
12189_at	unknown protein	At2g37480	3379.8	0.011447	2852.5	0.008689
12192_at	unknown protein	At2g01620	1210.8	0.024711	3100.1	0.006532
12195_at	unknown protein	At2g20730	8492.2	0.001141	8795.6	0.000805

12198_at	unknown protein	At2g24550	4362	0.002228	2173.5	0.007543
12201_at	unknown protein	At1g15400	10740.4	0.001892	5501.3	0.007543
12205_at	Unknown protein	At4g26410	2368.5	0.02786	4518.4	0.000388
12218_at	reductoisomerase	At5g62790	4855.8	0.014937	6139.2	0.001892
12222_s_at	unknown protein	At2g20990	5021.6	0.001141	1076.9	0.035163
12227_at	unknown protein	At1g13990	3662.3	0.02786	12885.5	0.000959
12232_at	unknown protein	At1g21770	3631.4	0.013092	9166.5	0.000673
12233_at	succinyl-CoA-ligase alpha subunit	At5g08300	6134.3	0.001141	3962.6	0.00418
12234_at	ribosomal protein S16	At4g34620	49149.8	0.000219	146226.4	0.000219
12293_at	beta-glucosidase	At2g44490	4830.5	0.035139	5354.1	0.011447
12299_at	serine/threonine kinase	At4g23290	2015.8	0.031336	3033.7	0.048995
12313_g_at	pectate lyase	At4g24780	2268.9	0.008689	5487	0.000805
12317_at	sucrose/H+ symporter	At2g02860	3370.4	0.000805	2536.8	0.021866
12333_at	peroxidase	At4g36430	2770.5	0.043968	2718.1	0.001892
12335_at	protein kinase	At2g47060	9948	0.003067	4532.7	0.000266
12338_at	pectin methylesterase	At3g14310	8900	0.000805	6881.1	0.000266
12349_s_at	phenylalanine ammonia lyase	At2g37040	3241.1	0.017001	2890.3	0.014937
12353_at	putative receptor-like protein kinase	At2g37710	4256	0.009985	2783.3	0.02786
12354_g_at	receptor-like protein kinase	At2g37710	5883.8	0.000388	1997.6	0.035163
12369_at	Na+/Ca2+ antiporter	At2g47600	2899.3	0.05447	2371.3	0.013092
12381_at	no hits		47174.1	0.000219	3357.8	0.007543
12409_at	small nuclear ribonucleoprotein U1A	At2g47580	7267.1	0.001354	10399.2	0.000673
12412_at	s-adenosylmethionine synthetase	At2g36880	15736.9	0.000322	5198.5	0.001602
12430_at	class 2 non-symbiotic hemoglobin	At3g10520	8669.7	0.001892	28575.5	0.000388
12432_at	peptidyl-prolyl cis-trans isomerase	At2g38730	5621.6	0.00418	3041	0.003067
12490_at	Unknown protein	At4g00330	2115	0.05447	2165.9	0.005643
12492_at	no hits		1829.1	0.013092	4170	0.003067
12497_at	receptor-like protein kinase+B812	At2g31880	6505.2	0.003067	10144.9	0.000562
12500_s_at	IAA-Ala hydrolase	At1g51760	8040.8	0.000673	3223.7	0.007543
12511_g_at	eIF4Eiso protein	At5g35620	2919.5	0.009985	2731.5	0.002228
12532_at	unknown protein	At1g10760	14316.5	0.000219	1519.9	0.039365
12539_s_at	gamma-glutamyltransferase	At4g39640	4793.2	0.000219	4304.7	0.000219
12576_at	dynein light chain like protein	At4g15930	3202.8	0.001141	5701.2	0.000266
12579_at	Unknown protein	At4g22750	2902.1	0.011447	3582.5	0.013092
12581_s_at	chaperonin CPN10	At1g14980	15634.9	0.000266	13119	0.000388
12604_at	dynein light chain like protein	At4g15930	4273.6	0.008689	4487.2	0.031336
12605_at	high mobility group protein 2-like	At3g51880	4904.6	0.002228	5068.1	0.001602
12606_at	fibrillin	At4g04020	56760.9	0.000266	15116	0.000959
12611_g_at	chlorophyll synthetase	At3g51820	2895.4	0.007543	5137.3	0.004863
12614_at	Unknown protein	At4g02790	1590.9	0.024711	1450.6	0.039365
12617_s_at	phosphoribosyl pyrophosphate synthetase	At2g35390	3112.3	0.001354	3096.2	0.000673
12621_at	aminopeptidase	At4g36760	3121.1	0.000562	1424.8	0.011447
12645_at	fibrillin precursor-like protein	At4g22240	7525.7	0.001602	9265.8	0.000219
12674_at	oxidoreductase	At2g37540	9478.1	0.000959	5214.5	0.001892
12698_at	sugar transport protein	At1g08920	3082	0.021866	1650.7	0.039365
12738_r_at	no hits		1564.5	0.013092	5951.2	0.000673
12739_s_at	protein	At2g34420	218742.8	0.000219	236538.9	0.000219
12740_s_at	myrosinase TGG2	At5g25980	38477.1	0.000219	32826.8	0.000219
12741_at	fructose bisphosphate aldolase	At4g38970	150568.1	0.000388	102277.6	0.000468
12742_at	enolase (2-phospho-D-glycerate hydrolyase)	At2g36530	13279.4	0.000266	16189.1	0.000388

12743_g_at	enolase (2-phospho-D-glycerate hydrolyase)	At2g36530	7583.6	0.001602	4221	0.001892
12744_at	lectin	At3g16470	3309	0.013092	3878.7	0.014937
12745_at	fructose bisphosphate aldolase	At2g21330	69502.9	0.000673	103385.3	0.000219
12749_at	similar to cold acclimation protein	At2g15970	33056.3	0.000388	10342.2	0.004863
12750_s_at	aspartic proteinase	At1g11910	23326.6	0.000266	15821.3	0.000266
12751_at	glucanase	At2g17390	7829.1	0.000322	6705	0.000959
12752_s_at	peroxidase prxr1	At4g21960	47214.4	0.000388	10475.6	0.000388
12753_at	putative nonspecific lipid-transfer protein	At2g38540	11085.3	0.000219	67413	0.000219
12754_g_at	nonspecific lipid-transfer protein	At2g38540	15029.7	0.000322	56677.9	0.000219
12756_s_at	membrane related protein CP5	At1g64720	18878.2	0.000388	77674.8	0.000219
12760_g_at	unknown protein	At1g03230	8636.6	0.000266	3287.4	0.014937
12761_s_at	jasmonate inducible protein	At1g54040	1889.5	0.008689	6475.2	0.000468
12762_r_at	putative glycine-rich protein	At2g05520	5518.4	0.001892	34037.1	0.000266
12763_s_at	putative glycine-rich protein	At2g05520	58101.8	0.000219	54213	0.000266
12764_f_at	glutathione transferase	At2g02930	6486.8	0.000468	10687	0.001141
12766_at	unknown protein	At2g05380	14818.1	0.000805	38896.3	0.000266
12767_at	unknown protein	At2g23120	150657.8	0.000266	96122.5	0.000266
12768_at	unknown protein	At2g15890	26646.5	0.000959	21666.5	0.000673
12769_at	aquaporin	At2g37170	4844.1	0.000959	30126.7	0.000266
12771_at	malate dehydrogenase	At1g04410	42354.5	0.000219	72927.7	0.000219
12772_at	unknown protein	At1g03220	23861.9	0.000322	2172	0.048995
12773_at	membrane channel protein	At2g28900	89685.7	0.000219	19922.5	0.000219
12774_at	unknown protein	At1g09310	3134.7	0.001892	5482.7	0.013092
12775_s_at	ATPase 70 kDa subunit	At1g78900	16807.2	0.000468	11516.4	0.000322
12781_at	unknown protein	At1g13930	149756.1	0.000219	47464.4	0.000219
12783_s_at	no hits		20110.8	0.000219	25500.5	0.000219
12784_at	glycine dehydrogenase	At2g26080	9933.7	0.000673	8111.7	0.001141
12785_at	P-Protein	At4g33010	60807	0.000322	24652.6	0.000266
12788_at	unknown protein	At1g23130	33770.1	0.000219	18282.6	0.000219
12789_at	phosphoglycerate kinase	At1g79550	13654.3	0.000219	4815	0.007543
12790_s_at	no hits		6130.6	0.000673	8980.7	0.000219
12791_r_at	unknown protein	At2g45180	213757.5	0.000491	202731.3	0.000491
12792_s_at	unknown protein	At2g45180	342407.9	0.000266	350533	0.000219
12793_at	gamma glutamyl hydrolase	At1g78670	3712.4	0.004863	6994.2	0.001602
12794_at	40S ribosomal protein S5	At2g37270	2637.6	0.013092	6895.9	0.000562
12795_at	cytochrome P450 monooxygenase	At1g13090	2139.2	0.001892	1828.7	0.035163
12797_s_at	S-adenosylmethionine synthase 2	At4g01850	15674.4	0.000388	15694.5	0.000219
12798_at	similar to SOR1	At2g38230	33326.3	0.000322	24858.1	0.000322
12799_at	unknown protein	At2g37340	4549.7	0.002617	7098.5	0.013092
12800_at	glycine hydroxymethyltransferase	At4g37930	104016.9	0.000219	27528.2	0.000219
12801_at	Unknown protein	At1g55450	11940.8	0.000562	12089.9	0.000562
12802_at	DnaJ-like protein	At4g36040	12973.1	0.000219	3022.3	0.031336
12803_s_at	Unknown protein	At4g24220	13399.3	0.000388	10993.6	0.000266
12804_at	H+-transporting ATPase	At4g38510	5781.3	0.00418	3312.7	0.043968
12808_at	40S ribosomal protein S26	At2g40510	23117.2	0.000219	25731	0.000266
12809_g_at	40S ribosomal protein S26	At2g40510	8810.6	0.00418	11648.4	0.000322
12810_at	unknown protein	At4g38225	3941.3	0.000959	8151.9	0.001602
12811_at	spermidine synthase	At1g23820	22831.7	0.000266	13333.9	0.000219
12813_at	Unknown protein	At4g13430	16224.4	0.001892	11207.1	0.000562
12815_at	Unknown protein	At4g27450	4243.4	0.027839	12050.7	0.002617

12816_at	Unknown protein	At1g78830	13569.6	0.000562	14480.3	0.000388
12817_g_at	Unknown protein	At1g78830	8632.8	0.000673	8357.9	0.001354
12818_at	E2, ubiquitin-conjugating enzyme	At2g36060	5856.8	0.000266	17039.6	0.000266
12819_at	lectin like protein	At4g19840	5238	0.007543	3941.1	0.031336
12822_at	Unknown protein	At4g32060	5564.4	0.002228	4358.1	0.031336
12830_f_at	polyubiquitin	At5g20620	3292.7	0.013092	2544.6	0.017001
12842_s_at	no hits		67930.5	0.000562	169418.9	0.000468
12843_s_at	unknown protein	At2g16590	26410.5	0.000468	17739.1	0.000219
12846_s_at	no hits		8587.8	0.000673	8796.6	0.000562
12847_at	no hits		10665.8	0.000219	4678.4	0.001354
12857_at	putative thioredoxin	At1g08570	4825	0.000959	3482.2	0.00418
12860_s_at	thioredoxin h	At1g11530	6114.8	0.001141	9789.7	0.000322
12861_s_at	thioredoxin	At5g06690	3609.7	0.003067	4196.5	0.000959
12881_s_at	no hits		823953.9	0.000219	277405.8	0.000219
12885_s_at	ascorbate peroxidase	At4g35000	10115.3	0.000266	20863.4	0.000219
12886_s_at	thylakoid-bound ascorbate peroxidase	At1g77490	2578.6	0.011447	2163.3	0.001892
12891_at	ACC synthase (AtACS-6)	At4g11280	3644.7	0.005643	4424.2	0.000219
12892_g_at	ACC synthase (AtACS-6)	At4g11280	6263.4	0.000388	3232.2	0.014937
12893_at	alcohol dehydrogenase (EC 1.1.1.1)	At5g43940	25204.3	0.003067	29353.8	0.002228
12894_g_at	alcohol dehydrogenase	At5g43940	22816.7	0.000219	20919	0.000219
12912_at	PRL1 associated protein	At5g58720	3040	0.011447	2732.1	0.009985
12916_at	unknown protein	At1g19670	3809.8	0.00418	11157.9	0.000805
12920_at	no hits		14968.7	0.000322	29796.5	0.000219
12930_at	lethal leaf-spot 1 homolog Lls1	At3g44880	3747.5	0.007543	3532.4	0.004863
12936_s_at	no hits		723549.8	0.000219	402266.3	0.000219
12955_at	glutaredoxin	At2g20270	1589.2	0.019304	2337.8	0.014937
12965_at	protein kinase	At4g18950	3917.9	0.000322	1853.6	0.003585
13003_at	nicotianamine synthase	At1g09240	3046.1	0.000803	3891.3	0.035163
13004_at	senescence-associated protein 12	At2g17840	32264.7	0.000266	14858	0.000388
13007_at	ferredoxin-thioredoxin reductase	At2g04700	50316.5	0.000219	72503.9	0.000266
13011_at	no hits		3041.9	0.024711	5677	0.005643
13014_at	lipase	At2g30550	1623.4	0.008689	1580.2	0.048995
13015_s_at	zinc finger protein Zat12	At5g59820	30088.8	0.000322	7360.6	0.003585
13022_at	protein phosphatase type 2C	At1g34750	2978.3	0.007543	2971.9	0.000959
13023_at	transcriptional regulator	At4g00050	2950.4	0.031336	2152.9	0.02786
13024_at	branched-chain amino acid aminotransferase	At5g65780	2581.9	0.02786	3371.1	0.011447
13025_at	Unknown protein	At4g25640	4516.7	0.005643	5845.2	0.000673
13044_at	unknown protein	At2g39670	3448.5	0.009975	2657.1	0.031336
13062_at	unknown protein	At2g14910	12077.9	0.000959	19305	0.000266
13069_at	ADP-ribosylation factor	At1g23490	15786.6	0.000468	16923	0.000673
13070_at	pyruvate kinase	At2g36580	12938.5	0.003067	2881.7	0.039365
13071_at	Unknown protein	At4g02470	4368.8	0.003585	4462.8	0.000468
13072_at	initiation factor 5A-4	At1g13950	2302.2	0.05447	2957.4	0.048995
13073_s_at	ribosomal protein L11	At4g18730	17592	0.000219	27366.3	0.000219
13074_at	ribosomal protein S4	At2g17360	10778.3	0.000959	28039.6	0.000388
13075_i_at	60S ribosomal protein L17	At1g04480	14403.9	0.003825	12195.3	0.001437
13076_r_at	60S ribosomal protein L17	At1g04480	20726.5	0.000266	38977.7	0.000562
13077_f_at	60S ribosomal protein L17	At1g04480	27385.8	0.00418	30395.9	0.001354
13078_at	dTDP-glucose 4-6-dehydratase	At2g47650	6669.8	0.004863	3182.8	0.000673
13079_at	40S ribosomal protein S20	At3g47370	7421.6	0.001602	9739.8	0.000562

13080_at	40S ribosomal protein S25	At2g21580	22844.1	0.000805	28715.1	0.000266
13081_s_at	60S ribosomal protein L24	At2g36620	1932.9	0.007543	4050.5	0.005643
13083_at	coatomer-like protein	At1g30630	4246.6	0.001354	4667.9	0.001141
13088_at	ubiquinol-cytochrome c reductase	At4g32470	21877.1	0.000219	31642.4	0.000322
13089_at	dTDP-glucose 4-6-dehydratase	At2g27860	22386.6	0.000266	13918	0.001892
13091_r_at	putative transport protein SEC61 beta-subunit	At2g45070	82591.7	0.001953	54324.4	0.001953
13093_at	B12D-like protein	At3g48140	76135.4	0.000266	102633.7	0.000219
13094_at	Unknown protein	At4g25030	4447.5	0.001892	5194	0.000322
13095_at	putative signal sequence receptor	At2g21160	13589.1	0.000388	10411.7	0.000219
13096_g_at	signal sequence receptor	At2g21160	6075.5	0.05447	6019.7	0.000388
13097_at	Unknown protein	At4g24690	8674.7	0.000388	6156.1	0.001602
13098_at	unknown protein	At2g20920	7730.7	0.000562	16652.8	0.000266
13099_s_at	sucrose transport protein	At1g22710	5668.9	0.002228	2223.3	0.048995
13102_at	subunit	At2g34250	28815.4	0.000805	12652.5	0.000805
13103_at	UTP-glucose glucosyltransferase	At3g50740	2301.4	0.05447	3433.7	0.043968
13104_s_at	proteasome epsilon chain precursor	At1g13060	4985.7	0.002617	6368.3	0.003067
13106_at	E2, ubiquitin-conjugating enzyme	At1g78870	5899.7	0.009985	3788.4	0.008689
13107_s_at	40S ribosomal protein S17	At2g04390	6711	0.002617	10016.1	0.000219
13108_at	40S ribosomal protein S26	At2g40590	4573.3	0.000959	6633.7	0.000468
13109_at	protein translation factor	At1g54290	3646	0.002228	2267.4	0.002617
13116_at	unknown protein	At2g20760	3645	0.001141	3506.5	0.043968
13117_at	unknown protein	At1g65220	3768.7	0.02786	3976.3	0.05447
13118_f_at	gamma glutamyl hydrolase	At1g78660	3089.2	0.006532	3718.2	0.007543
13121_at	unknown protein	At2g44650	5290.4	0.014937	8202.2	0.001141
13122_at	Unknown protein	At4g20150	16842.3	0.000219	25455.2	0.000266
13124_at	phosphoenolpyruvate carboxylase	At2g42600	18802.7	0.000388	8311.6	0.000805
13125_at	ubiquitin activating enzyme 1 (UBA1)	At2g30110	19847.8	0.000219	12633.8	0.000219
13129_f_at	ubiquitin extension protein	At3g52590	51825.5	0.000562	78847.2	0.000219
13132_at	ribosomal protein L7	At2g01250	19267	0.000219	33826.5	0.000266
13134_s_at	putative galactinol synthase	At2g47180	2789	0.009985	1922.4	0.043968
13136_at	protein zinc finger protein	At4g12040	15522.1	0.000388	4091	0.003067
13139_at	unknown protein	At1g78620	4136.3	0.006532	8268.8	0.000805
13140_at	RING zinc finger ankyrin protein	At2g28840	11377.6	0.001892	11579.8	0.000468
13142_at	Unknown protein	At4g34190	35239.6	0.000266	51185.4	0.000219
13143_at	unknown protein	At2g03440	9108	0.000468	6607.9	0.003585
13146_s_at	Unknown protein	At4g35750	10824.5	0.000673	9719.4	0.000805
13148_at	unknown protein	At1g64750	4571.7	0.02786	6878.8	0.00418
13150_at	subunit	At2g28000	80920.3	0.000219	102664.5	0.000219
13151_g_at	rubisco subunit binding-protein	At2g28000	12028.9	0.000468	9381.4	0.000388
13152_s_at	1-aminocyclopropane-1-carboxylate oxidase	At1g05010	30491.8	0.000219	10219	0.000959
13158_at	cinnamoyl-CoA reductase	At2g33590	10725.8	0.000673	6696.6	0.003585
13160_at	acetone-cyanohydrin lyase	At2g23610	3241.9	0.031336	2882.7	0.005643
13161_at	isoamylase	At2g39930	2457.8	0.003585	4022	0.006532
13164_at	latex-abundant protein	At1g79340	12242.1	0.000219	4089	0.000322
13166_at	60S ribosomal protein L39	At2g25210	13756.1	0.000805	20208.2	0.000562
13167_at	unknown protein	At1g60170	4385.6	0.021866	5744.3	0.014937
13174_r_at	Kelch repeat containing F-box protein family	At4g03030	5209.6	0.001602	3664.1	0.000266
13175_s_at	Unknown protein	At4g03030	2886.5	0.008689	4276.2	0.001354
13176_at	Unknown protein	At4g33540	2384.4	0.039365	1437.1	0.039365
13177_at	growth factor like protein	At4g12720	12801.5	0.000266	27461.4	0.000266

13178_at	unknown protein	At2g30510	2256.2	0.011447	3994.2	0.003585
13180_s_at	inorganic pyrophosphatase	At2g18230	15228.3	0.000805	5334.3	0.048995
13182_i_at	thioredoxin	At5g42980	76216	0.001105	61580.9	0.001109
13183_r_at	thioredoxin	At5g42980	62499	0.000388	43043.4	0.000219
13184_s_at	Thioredoxin	At5g42980	38757.7	0.000219	31305.9	0.000219
13185_at	thioredoxin	At5g39950	18454.1	0.000322	41665.4	0.000219
13186_g_at	thioredoxin	At5g39950	8901.5	0.000959	15253.5	0.000805
13187_i_at	thioredoxin	At1g45145	109890.9	0.000327	161551.1	0.000327
13188_r_at	thioredoxin	At1g45145	17014.6	0.000388	64400.1	0.000266
13189_s_at	thioredoxin	At1g45145	151220.3	0.000219	113079.9	0.000219
13190_s_at	thioredoxin reductase	At2g17420	7804.2	0.001141	4600.5	0.004863
13205_at	transitional endoplasmic reticulum ATPase	At3g09840	19407.1	0.001602	17324.4	0.002617
13208_s_at	auxin-resistance protein AXR1	At1g05180	4356.7	0.009985	3555.3	0.000219
13212_s_at	beta-1,3-glucanase 2	At3g57260	12757.1	0.001892	58597.7	0.000219
13213_s_at	chlorophyll a/b-binding protein	At3g54890	351920.1	0.000266	482176	0.000219
13214_at	light-harvesting chlorophyll a/b binding protein	At3g47470	676128.6	0.000322	368994.2	0.000219
13218_s_at	Unknown protein	At1g20620	72181.7	0.000219	38959.8	0.000219
13225_s_at	Unknown protein	At1g20440	182048.1	0.000219	26182.9	0.000219
13230_at	cysteine proteinase	At4g16190	61234.6	0.000219	17354.1	0.000219
13232_s_at	plastid protein	At2g33430	11641.8	0.000805	20298.8	0.000388
13234_s_at	plastocyanin	At1g20340	61624.3	0.000219	138515.2	0.000219
13236_at	2-dehydro-3-deoxyphosphoheptonate aldolase	At4g39980	8784.7	0.001141	8259.7	0.001141
13237_at	2-dehydro-3-deoxyphosphoheptonate aldolase	At4g33510	11070.7	0.000322	21770	0.000266
13242_at	no hits		26605	0.000219	49180.2	0.000219
13244_s_at	cinnamyl-alcohol dehydrogenase	At4g37990	172003.3	0.002617	15563.6	0.001141
13247_f_at	omega-3 fatty acid desaturase	At3g11170	27346.7	0.000219	7456.3	0.001354
13252_s_at	unknown protein	At2g45190	2695.4	0.013092	4721.7	0.017001
13254_at	farnesyl pyrophosphate synthetase 2	At4g17190	3190.2	0.02786	4158	0.011447
13255_i_at	no hits		3161.2	0.016602	4776.3	0.004883
13256_s_at	gamma-glutamyltransferase	At4g39640	3697.1	0.007543	2573.9	0.003067
13259_s_at	glutathione peroxidase	At2g31570	11675.3	0.000959	9787	0.001892
13264_s_at	glutathione S-transferase	At2g30860	52194.8	0.000219	26841	0.000219
13267_at	glutathione transferase	At1g78380	21334.9	0.000673	26484.5	0.000219
13269_s_at	dnaK-type molecular chaperone	At5g02500	151713.1	0.000219	52047.2	0.000219
13270_at	no hits		15224.7	0.031336	8111.9	0.000266
13271_g_at	heat shock transcription factor	At4g18880	10493.2	0.000388	2145	0.014937
13273_at	heat shock transcription factor HSF4	At4g36990	7947.4	0.000388	16100.5	0.000468
13277_i_at	no hits		24669.7	0.001465	4678.7	0.037109
13283_at	mitochondrial chaperonin hsp60	At3g23990	3065.5	0.017001	1778.8	0.035163
13284_at	heat shock protein 70	At3g12580	18972.6	0.000266	1749.7	0.014937
13296_at	early auxin-induced protein	At3g15540	6271.9	0.001354	2600.8	0.00418
13305_at	protein kinase	At2g35050	5159	0.003067	3927.7	0.006532
13314_at	Unknown protein	At2g04090	3874.5	0.043968	5940.6	0.039365
13324_at	aspartate kinase	At5g13280	2300.2	0.009985	2168.3	0.009985
13335_at	cotransporter	At2g29650	11977.7	0.000673	7199.6	0.000468
13382_at	unknown protein	At2g42750	2450.7	0.021866	3177.5	0.004863
13450_at	proteasome regulatory subunit	At4g24820	2440.9	0.005643	4861.4	0.031336
13471_g_at	unknown protein	At2g43105	3276.8	0.007543	5031.2	0.019304
13472_at	small nuclear ribonucleoprotein E	At2g18740	2016.9	0.007543	1530.8	0.00418
13480_at	Unknown protein	At1g55530	3643.8	0.021866	4531.1	0.031336

13509_at	membrane trafficking factor	At4g04210	3776.3	0.043968	2416.5	0.021866
13534_at	nodulin - like protein	At5g25940	5946.6	0.001141	4012.8	0.004863
13538_at	calcium-binding protein	At4g20780	17312.7	0.000387	9178.7	0.000468
13544_at	Unknown protein	At4g26850	6765.3	0.000266	4134.7	0.000959
13545_at	unknown protein	At2g35790	3036.5	0.003067	4970.5	0.001892
13548_at	unknown protein	At1g21680	10675.2	0.000562	5349.6	0.006532
13550_at	serine/threonine kinase	At4g23180	7692.8	0.000388	7585.8	0.001141
13553_at	NBS/LRR disease resistance protein	At1g61190	6658.3	0.001602	2994.4	0.002617
13559_at	caffeoyl-CoA O-methyltransferase	At4g34050	4740.9	0.001354	8030.6	0.000388
13561_at	no hits		1915.4	0.024711	3349.6	0.005643
13562_at	carbonic anhydrase	At1g70410	13513.4	0.000562	11549.5	0.000219
13563_at	CONSTANS-like B-box zinc finger protein	At2g24790	3022.6	0.009985	6747.4	0.002228
13564_at	glutathione S-transferase	At2g02390	8251.4	0.003585	12462.8	0.001141
13567_at	unknown protein	At2g44210	2089.6	0.019304	1386.3	0.035163
13568_at	unknown protein	At2g43010	3304.8	0.017001	7171.6	0.000805
13569_at	reticuline oxidase	At4g20840	3810.7	0.002617	1690.4	0.019304
13572_s_at	no hits		11290.5	0.000219	37069.2	0.000219
13574_at	vacuolar ATPase similar to vacuolar ATPase	At4g02620	14034.7	0.000468	26318.5	0.000219
13578_at	ribosomal protein L14	At4g27090	31918.8	0.000219	66889.4	0.000219
13579_at	Transcription factor II homolog	At4g31720	3264.8	0.009985	3572.2	0.003585
13580_at	Unknown protein	At4g34350	5774.3	0.002617	4064.7	0.003067
13590_at	unknown protein	At2g21240	4490.5	0.017001	5765.7	0.007543
13591_at	subunit	At4g21810	4295.3	0.011447	6446.9	0.000562
13592_g_at	subunit	At4g21810	12591.1	0.001141	26969.4	0.000219
13593_at	Unknown protein	At4g21210	3455.6	0.017001	4409.4	0.035163
13594_at	unknown protein	At2g23090	4963.4	0.035163	9028.1	0.001141
13597_at	unknown protein	At2g42310	10851.7	0.004863	5854.1	0.00418
13605_at	26S proteasome subunit	At4g29040	4622.8	0.000562	6152.4	0.001892
13607_at	hsp 70-like protein	At4g24280	7734.9	0.013092	5708.2	0.019304
13614_at	1-aminocyclopropane-1-carboxylate oxidase	At1g04350	3230	0.008689	3007.2	0.005643
13616_s_at	60S ribosomal protein L23A	At2g39460	16305.4	0.001354	34867.7	0.000388
13617_at	mitochondrial dicarboxylate carrier protein	At2g22500	37843	0.000673	6789.7	0.000673
13630_at	putative WD-40 repeat protein	At2g19540	3633.4	0.002617	6483.4	0.000322
13636_at	amino acid transport protein B547	At4g38250	2448.6	0.009985	3156.4	0.011447
13637_at	AX110P	At4g09670	3357.6	0.00418	3588.5	0.004863
13644_at	unknown protein	At2g45990	2440.2	0.043968	1791.1	0.043968
13645_at	unknown protein	At1g05340	413955.8	0.000219	94005.3	0.000219
13646_at	unknown protein	At2g34690	3021.2	0.002617	8849.9	0.000468
13648_at	Unknown protein	At4g02370	5632.3	0.001141	4012.5	0.002228
13649_at	unknown protein	At2g05620	6294.5	0.002617	14133.2	0.000322
13651_at	Unknown protein	At4g38160	2279.4	0.035163	2702.9	0.003585
13652_at	unknown protein	At2g47710	9637	0.001892	20062.9	0.000219
13654_at	Unknown protein	At4g39040	3914.5	0.019304	4968.5	0.019304
13655_at	esterase D	At2g41530	5967.2	0.005643	9883.3	0.001892
13657_at	unknown protein	At1g49410	8112.8	0.000468	11209	0.000468
13659_at	serine/threonine kinase	At4g23150	1755	0.043968	2224.6	0.014937
13662_at	indoleacetic acid (IAA)-inducible gene	At3g23050	1529.2	0.05447	1885.7	0.003585
13663_s_at	auxin-regulated protein	At2g22670	5264.8	0.003585	8751.7	0.002617
13664_s_at	auxin-induced protein IAA9	At5g65670	4451.2	0.000468	8704.4	0.001141
13666_s_at	indole-3-glycerol phosphate synthase	At2g04400	3484.6	0.007543	2988.2	0.001602

13667_s_at	pyrophosphate isomerase	At5g16440	2851.4	0.024711	5308.3	0.000805
13668_at	diphosphate isomerase	At3g02780	8508.3	0.000266	13924.5	0.000219
13669_at	kinase associated protein phosphatase	At5g19280	2036.2	0.035163	3390.3	0.024711
13670_s_at	K ⁺ channel, beta subunit	At1g04690	11457.1	0.000266	13039.8	0.000266
13672_at	no hits		2050.6	0.021866	2153.1	0.043968
13678_at	light-harvesting chlorophyll a/b binding protein	At1g19150	38422.4	0.000562	116600.1	0.000388
13681_s_at	zinc-finger protein Lsd1	At4g20380	5479.1	0.003067	13267.2	0.001141
13682_s_at	lycopene beta cyclase	At3g10230	7683.7	0.001892	4483.2	0.021866
13683_at	AtMlo-h1-like protein	At4g02600	2853.8	0.011447	2566.2	0.024711
13695_at	non-race specific disease resistance protein	At3g20600	5508.5	0.002617	7626.5	0.000219
13698_at	shikimate kinase	At3g26900	10768.7	0.005643	18584.5	0.000322
13700_at	unknown protein	At3g04550	7270.1	0.001141	7816.1	0.000562
13705_at	trehalose-6-phosphate synthase	At1g70290	2905.6	0.039365	2664.5	0.014937
13785_at	cold-regulated protein cor15b	At2g42530	46608.2	0.001141	8275.6	0.001354
13829_at	protein aminotransferase	At4g33680	9635.7	0.005643	7141.5	0.000219
13895_at	phospholipase	At2g39420	5649.9	0.006532	5242.2	0.001354
13904_s_at	chloroplast FtsH protease	At1g50250	5557.3	0.005643	7745	0.001141
13905_at	cytochrome P450 like protein	At4g15110	4278.3	0.002228	3986.5	0.001141
13917_at	unknown protein	At1g03330	1640.7	0.048995	3037.1	0.003067
13920_at	unknown protein	At1g23710	13918.8	0.000562	4537.7	0.000959
13940_at	acidic ribosomal protein	At4g25890	11224.1	0.001141	17128.2	0.002617
13953_at	unknown protein	At2g33255	6092	0.003585	9096.1	0.000805
13956_at	unknown protein	At2g38110	2203	0.035139	1267.7	0.039365
13974_at	ATP-dependent Clp protease	At1g09130	4367.2	0.019304	4429.3	0.000959
14020_i_at	starch branching enzyme II	At2g36390	8746.8	0.000244	3107.5	0.046143
14021_r_at	starch branching enzyme II /	At2g36390	5031.9	0.002617	2489.3	0.017001
14022_s_at	starch branching enzyme II	At2g36390	5959.9	0.000805	3147.9	0.021866
14035_at	rab7 -like protein	At4g09720	2365.8	0.043968	3586	0.011447
14037_at	cinnamyl alcohol dehydrogenase	At1g09490	11607.6	0.000219	19993.2	0.000266
14057_at	aconitase	At4g26970	4083.4	0.001141	4068.9	0.002617
14061_at	phosphomannomutase	At2g45790	2055.8	0.013092	1854.3	0.013092
14063_at	uroporphyrinogen decarboxylase	At2g40490	4478.8	0.011447	5687.3	0.00418
14067_at	small heat shock protein	At2g19310	6870.3	0.004863	4403.5	0.001141
14068_s_at	farnesylated protein	At2g36950	3295.1	0.000322	2139.1	0.048995
14069_at	Unknown protein	At4g19160	1746.7	0.05447	4199.3	0.000959
14070_at	peptide transporter	At3g47960	6473.3	0.001141	1802.9	0.021866
14073_at	water stress-induced protein	At1g54410	75214.1	0.000219	50032.1	0.000219
14075_at	RING-H2 zinc finger protein	At2g15580	4746.4	0.003585	7644.3	0.002228
14080_at	protein beta-ketoadipate enol-lactone hydrolase	At4g37470	9775.4	0.001354	7454.7	0.001141
14082_at	unknown protein	At1g70330	3937.1	0.002617	4859.7	0.002228
14088_at	unknown protein	At1g51160	2443.1	0.008689	5927.7	0.000322
14089_at	hydrolase	At2g32150	4170	0.004863	11283	0.000219
14090_i_at	unknown protein	At2g15830	22150	0.000494	11043.6	0.002693
14095_s_at	PEROXISOMAL MEMBRANE PROTEIN	At4g04470	3357.2	0.008689	3627.3	0.003585
14096_at	unknown protein	At1g76960	103182.7	0.000218	58715.9	0.000673
14099_at	unknown protein	At2g20820	12779.3	0.000219	31552.6	0.000219
14103_at	unknown protein	At2g46390	2879.2	0.021866	5062.7	0.009985
14108_at	Unknown protein	At4g30010	44866.3	0.000322	92472.6	0.000388
14116_at	hexose transporter	At5g26340	108330.7	0.000219	18742.1	0.000266
14118_i_at	cytochrome p450 family	At3g48280	5207.1	0.032015	4427.7	0.011565

14124_s_at	ferrochelatase precursor	At2g30390	3623.9	0.004857	3911.9	0.00418
14133_s_at	JUN kinase activator	At1g22920	3068.4	0.043968	2714.9	0.009985
14239_s_at	transcription factor inhibitor I kappa B	At1g64280	6577.8	0.001892	10108.8	0.000805
14245_at	no hits		51915.2	0.000219	83710.8	0.000219
14269_at	thioredoxin	At1g43560	4802.7	0.004863	1890.4	0.014937
14369_at	Na+ dependent ileal bile acid transporter	At2g26900	8527.1	0.009985	7007.8	0.003585
14384_at	formyltransferase	At2g35040	2715.8	0.000805	3736.5	0.024711
14391_at	RING-H2 finger protein RHF1a /	At4g14220	3795.1	0.004863	3344.9	0.021866
14397_at	Unknown protein	At4g28440	5677.6	0.000468	5125.7	0.013092
14398_at	Unknown protein	At4g21570	5496.4	0.000673	3870.8	0.000673
14416_at	unknown protein	At2g14880	5156.5	0.002617	3381.2	0.003067
14417_at	unknown protein	At2g46170	13446.3	0.000266	6546.9	0.000562
14418_at	nodulin-like protein	At2g37460	2453.6	0.008689	1486.9	0.043968
14431_at	protein AR411	At4g23810	5357.2	0.001892	3069.7	0.021866
14454_at	unknown protein	At2g35440	2498.4	0.013092	3478	0.001892
14460_at	unknown protein	At2g18090	2494.1	0.048995	2558.5	0.004863
14463_at	unknown protein	At2g37200	3222	0.011447	3947.4	0.003585
14478_at	synthase	At4g33110	5258.2	0.005643	4261.3	0.02786
14479_at	EF-Hand containing protein	At4g38810	3966.6	0.007543	3409.2	0.001602
14480_at	protein RNA helicase	At4g09730	2953.4	0.007543	2837.6	0.017001
14481_at	Unknown protein	At4g10140	4052.3	0.008689	3608.9	0.02786
14486_at	Unknown protein	At4g15770	5975.6	0.00418	4680.6	0.007543
14490_at	unknown protein	At2g06530	3352.5	0.035163	3306.8	0.006532
14491_at	trypsin inhibitor	At2g43530	8749.7	0.001141	19142.9	0.000266
14494_at	unknown protein	At1g03610	2236.2	0.017001	2143.2	0.043968
14498_at	unknown protein	At2g41160	5237.5	0.000959	3676.9	0.017001
14500_at	acetolactate synthase	At2g31810	7278.2	0.000266	21140.6	0.000266
14501_at	fibrillin	At2g35490	7998.2	0.001892	11358.5	0.001141
14508_at	prolylcarboxypeptidase	At2g24280	3838.1	0.039365	2704.8	0.05447
14520_at	protein kinase	At1g14000	1709.7	0.048995	1999.8	0.039365
14523_at	FKBP type peptidyl-prolyl cis-trans isomerase	At2g43560	12078	0.000388	22247.8	0.000388
14526_at	Unknown protein	At4g36210	2678.5	0.019304	1789.2	0.02786
14534_s_at	unknown protein	At2g20570	7643.1	0.006532	6584.1	0.02786
14543_r_at	no hits		4741.4	0.04219	4406.4	0.058332
14545_at	chloroplast ribosomal protein L35	At2g24090	2814.9	0.019304	10266	0.006532
14557_at	GTP-binding protein	At1g02280	2715.3	0.002617	5680.6	0.003067
14563_at	unknown protein	At2g34860	7456.7	0.001141	8827.3	0.001892
14564_at	unknown protein	At2g38710	2189.6	0.031336	2627.9	0.02786
14565_at	steroid binding protein	At2g24940	13794.7	0.00418	20587.2	0.000468
14571_at	unknown protein	At2g21280	3652	0.006532	5857.3	0.000673
14572_at	Unknown protein	At5g35100	2033.5	0.043968	9370.2	0.000959
14579_at	unknown protein	At2g20890	8217.9	0.002617	10341.8	0.000388
14580_at	unknown protein	At2g28370	5445	0.002228	10319.6	0.000673
14581_s_at	unknown protein	At2g04900	6873.9	0.000805	15756.4	0.000266
14584_at	unknown protein	At2g40110	2049.8	0.05447	1515.8	0.007543
14595_at	Unknown protein	At4g19390	4241.9	0.002228	4663.8	0.009985
14596_at	Unknown protein	At4g27700	4186.2	0.001892	3431.9	0.001892
14598_at	hydrolase	At4g12230	2093.4	0.009985	2084.3	0.043968
14599_at	unknown protein	At2g36930	3702.9	0.007543	3209	0.008689
14600_at	unknown protein	At1g14150	7019.9	0.001602	17999.5	0.000468

14601_at	unknown protein	At1g15270	2293.4	0.021866	4554.1	0.002228
14602_at	unknown protein	At1g15370	2107.6	0.02786	4999	0.000219
14608_at	calcium-transporting ATPase	At1g13210	8472.8	0.000468	2468.4	0.043968
14614_at	glucosyltransferase	At2g30140	3792.4	0.005643	2189.4	0.001602
14622_at	putative phytochrome A	At1g09570	2336.1	0.013092	4650.6	0.002617
14634_s_at	protochlorophyllide reductase precursor	At4g27440	5603.4	0.000673	5624.5	0.000468
14638_at	peroxidase	At3g49120	2596.7	0.021866	3329.9	0.002228
14641_at	ATP dependent copper transporter	At5g44790	9597.7	0.000805	13747.1	0.000266
14644_s_at	cysteine proteinase RD19A	At4g39090	27796.3	0.000266	17849.8	0.000322
14645_at	cysteine proteinase RD21A	At1g47128	10383.3	0.000266	9467.3	0.003585
14651_at	putative spermidine synthase	At1g23820	13739.6	0.000266	8466.8	0.000322
14658_s_at	cysteine proteinase RD19A	At4g39090	23917.4	0.000388	59916.9	0.000562
14659_s_at	cysteine proteinase RD19A	At4g39090	25145.2	0.000562	16294.3	0.001354
14662_f_at	no hits		15568.2	0.000562	5939.2	0.001354
14667_at	tryptophan synthase beta chain	At5g54810	51350.2	0.000219	54202.7	0.000219
14674_at	E2, ubiquitin-conjugating enzyme 2	At2g02760	11104	0.001892	12048.6	0.000959
14684_s_at	unknown protein	At4g01150	195420	0.000322	227511.1	0.000266
14688_at	unknown protein	At2g37490	6280.3	0.000266	7716.8	0.000562
14689_at	unknown protein	At5g67490	6850.2	0.000562	12804.8	0.000468
14697_g_at	unknown protein	At2g21620	31222	0.000219	7515.2	0.000322
14701_s_at	14-3-3 protein	At5g38480	23577.4	0.008689	26052.7	0.000388
14703_at	unknown protein	At1g47420	2176.1	0.003585	5491.9	0.001602
14713_s_at	plasma membrane proton ATPase	At2g18960	3671.5	0.006532	5233.4	0.003585
14714_s_at	gamma tonoplast intrinsic protein	At3g26520	15574	0.001141	106925.7	0.000219
14716_f_at	glycine-rich protein	At4g39260	19893.2	0.001109	9282.8	0.002371
14717_s_at	CLC-a chloride channel protein	At5g40890	8597.5	0.005643	8605.7	0.002617
14719_s_at	3-ketoacyl-CoA thiolase	At2g33150	81762.3	0.000219	127699.7	0.000266
14721_s_at	S-adenosylmethionine decarboxylase	At3g02470	44615.8	0.000219	87505.6	0.000219
14722_s_at	14-3-3 protein	At5g10450	65399.9	0.000219	113611.3	0.000219
14723_f_at	AP2 domain containing protein	At3g16770	13468.5	0.000562	45208.6	0.000388
14724_f_at	reversibly glycosylated polypeptide-3	At5g15650	48277	0.000388	5840.6	0.000266
14725_s_at	RNA-binding protein	At4g24770	20669.6	0.000322	37081	0.000219
14726_s_at	germin-like protein	At1g72610	396196.4	0.000219	224857.6	0.000219
14727_s_at	ankyrin repeat-containing protein 2 /	At4g35450	21806.8	0.000219	31814.7	0.000219
14728_s_at	membrane related protein CP5	At1g64720	11864	0.000562	24463	0.000468
14729_s_at	glyceraldehyde 3-phosphate dehydrogenase A	At3g26650	86262.1	0.000219	70155.8	0.000219
14730_s_at	glutamate decarboxylase	At1g65960	106399	0.000219	11709.5	0.000805
14733_s_at	delta-1-pyrroline 5-carboxylase synthetase	At2g39800	7435.1	0.001892	9291.8	0.000562
14734_s_at	14-3-3 protein	At5g38480	21820.1	0.002228	57091.6	0.000388
14736_s_at	SKP1/ASK1	At1g75950	67096.1	0.000388	54568.5	0.000266
14737_s_at	alanine-glyoxylate aminotransferase	At2g13360	92912.6	0.000219	214395.8	0.000219
14808_i_at	Unknown protein	At1g65190	2308	0.036797	1646.4	0.042142
14809_at	unknown protein	At1g47530	8248.5	0.011447	4791.7	0.00418
14832_at	tyrosine transaminase	At4g23600	18872.6	0.000322	16861	0.000322
14873_at	Unknown protein	At4g02450	3854.6	0.021866	3894.2	0.004863
14882_at	Unknown protein	At4g39670	9705.6	0.002228	3747.5	0.001602
14900_at	unknown protein	At1g27100	4934.5	0.000468	8957.9	0.001602
14907_at	unknown protein	At1g10030	2980	0.031336	3650.2	0.002617
14908_at	unknown protein	At2g39500	1708.2	0.024711	1664.4	0.009985
14914_at	unknown protein	At2g35450	3692.7	0.00418	2749.4	0.019304

14924_at	Unknown protein	At2g28400	17555.7	0.000322	4258.6	0.001602
14930_at	unknown protein	At2g21530	4585.7	0.008689	10578.3	0.001354
14942_at	asparagine--tRNA ligase	At4g17300	1898.2	0.003067	1337.5	0.014937
14954_i_at	unknown protein	At4g29850	12544.1	0.01416	13873.8	0.018555
14955_at	glutamate-1-semialdehyde 2,1-aminomutase	At5g63570	4927	0.001141	1950.1	0.009985
14956_at	unknown protein	At2g18440	2559.1	0.019304	1162.5	0.005643
14974_at	unknown protein	At1g27530	3287.5	0.008689	2685.9	0.013092
14986_at	dehydrogenase	At2g24270	5040.8	0.019304	5717.9	0.004863
14990_at	tetracycline transporter protein	At2g16990	4091	0.001892	3389.9	0.019304
14999_at	calcium channel	At4g03560	2898	0.008689	1934	0.013092
15003_at	clathrin	At2g19790	5320.2	0.013092	17149.4	0.000322
15004_at	microtubule-associated protein	At2g05630	4422.3	0.006532	4282.1	0.005643
15006_at	unknown protein	At2g32480	3442.2	0.001892	4215.5	0.000388
15020_at	Mago Nashi-like protein	At1g02140	10367.8	0.000322	14065.9	0.000388
15022_at	unknown protein	At1g03210	2254.4	0.05447	4126.5	0.007543
15032_at	secretory carrier membrane protein	At1g61250	6927.3	0.003585	6327.2	0.000673
15035_at	unknown protein	At2g27680	3067.7	0.006532	4638.6	0.002617
15040_g_at	drought-induced-19-like	At4g02200	3080.5	0.013092	3713.7	0.009985
15041_at	Unknown protein	At4g18530	4413.7	0.00418	3515.8	0.007543
15042_at	cinnamyl alcohol dehydrogenase	At4g34230	17760	0.000266	5012.3	0.001602
15043_at	membrane associated protein	At4g21450	4154.2	0.000388	6141.6	0.000562
15057_at	unknown protein	At4g26670	5877.4	0.000805	6125.5	0.001892
15058_s_at	cinnamyl-alcohol dehydrogenase	At4g37980	17133.4	0.000266	15887.3	0.000388
15063_at	Unknown protein	At4g12070	7418.8	0.001892	3703.8	0.039365
15070_at	unknown protein	At2g48070	4459.2	0.031336	7267.1	0.000805
15079_at	unknown protein	At2g24020	11568.9	0.000468	16585.1	0.000219
15081_at	unknown protein	At2g03390	2954.4	0.008689	3304.6	0.005643
15082_at	unknown protein	At1g15140	4382.7	0.002228	3487.1	0.000388
15085_at	protein UDP-galactose transporter	At4g23010	2688.4	0.05447	3823.3	0.002617
15087_at	lactoylglutathione lyase	At1g11840	2096.8	0.014937	2431.1	0.05447
15089_at	unknown protein	At2g44870	6301.2	0.002617	5111.6	0.00418
15091_at	unknown protein	At2g38360	42878.4	0.001354	7754.1	0.05447
15093_at	unknown protein	At1g55480	2251.6	0.05447	2694.6	0.00418
15097_at	chlorophyll binding protein	At1g15820	128355.3	0.000219	340190.8	0.000219
15098_s_at	senescence-associated protein	At4g35770	4696.4	0.006532	34248.2	0.000322
15102_s_at	chlorophyll a/b-binding protein	At4g10340	102830.2	0.000266	274465.9	0.000219
15103_s_at	Unknown protein	At1g20450	121308.3	0.000219	53744.4	0.000219
15104_s_at	ERD15 protein	At2g41430	583078.1	0.000219	174784.1	0.000219
15105_s_at	glycine-rich RNA binding protein	At2g21660	166698.9	0.000219	8326.5	0.000322
15108_s_at	no hits		425179	0.000219	796028.3	0.000219
15109_s_at	NPK1-related protein	At1g12110	2681.6	0.004863	5520	0.002228
15110_s_at	dehydrin	At1g76180	73055.5	0.000219	82090.5	0.000219
15111_s_at	endoxyloglucan glycosyltransferase	At2g06850	8277.8	0.000562	15541.6	0.000219
15112_s_at	cryptochrome 2 apoprotein	At1g04400	11337.6	0.009985	6183.5	0.017001
15113_s_at	GDP dissociation inhibitor	At2g44100	25270	0.000673	28796.9	0.000219
15114_s_at	glycosyl hydrolase family 9	At5g49720	8229	0.000322	13884	0.000219
15115_f_at	unknown protein	At2g05380	170157.5	0.000219	185603.3	0.000219
15117_at	photosystem II 22kDa protein	At1g44575	27842.1	0.000388	28971	0.000219
15118_s_at	glutathione transferase	At4g02520	48779.2	0.000266	133882.1	0.000219
15119_s_at	protein phosphatase 2A (PP2A)	At2g42500	10850.4	0.000562	5115.7	0.004863

15122_at	delta tonoplast integral protein	At3g16240	29073.5	0.000219	88251	0.000219
15126_s_at	delta 9 desaturase	At2g31360	18051.1	0.000805	8815.4	0.000959
15127_s_at	response regulator 3	At1g10470	7731.2	0.024711	13946.4	0.003585
15128_s_at	cysteine synthase AtcysC1	At3g61440	9014.2	0.001892	7965.3	0.001602
15129_at	NOI protein	At5g55850	10242.1	0.000673	9979.8	0.000322
15130_s_at	20S proteasome alpha subunit A2	At2g05840	9642.4	0.000959	17491.3	0.000322
15131_s_at	dormancy-associated protein	At1g28330	45978.8	0.000266	29695.3	0.000219
15133_at	light-harvesting chlorophyll a/b binding protein	At3g61470	404222.7	0.000219	567239.7	0.000219
15134_s_at	omega-6 fatty acid desaturase	At3g12120	16330.2	0.000805	19310.8	0.000959
15135_s_at	40S ribosomal protein SA	At1g72370	58429.6	0.000322	62228	0.000322
15136_s_at	dnaJ protein homolog atj3	At3g44110	35023.9	0.000673	10181.8	0.000805
15139_s_at	no hits		2976.7	0.019287	5225.9	0.001892
15140_s_at	ER-type Ca ²⁺ -pump protein	At1g07810	2301	0.006532	6717	0.004863
15141_s_at	vegetative storage protein Vsp2	At5g24770	1997.3	0.05447	6306.8	0.000266
15143_s_at	phospholipase D-gamma	At4g11840	2705.5	0.048967	2177.8	0.004863
15144_s_at	CARBONIC ANHYDRASE	At5g14740	11666.4	0.002228	34810.3	0.000562
15147_s_at	plasma membrane intrinsic protein 1c	At4g00430	7811.6	0.005643	11408.1	0.000388
15149_s_at	mitochondrial F1-ATPase	At2g33040	8885.2	0.000959	13262.1	0.001602
15150_s_at	small Ras-like GTP-binding protein	At5g55190	19752.8	0.000219	31869.6	0.000219
15151_f_at	20S proteasome beta subunit	At5g40580	1934.9	0.043968	3071.1	0.003067
15152_s_at	importin alpha	At3g06720	20633.4	0.000219	15089.8	0.000266
15153_at	chlorophyll A-B binding protein	At3g27690	5034.5	0.000219	17608	0.000219
15155_s_at	ribosomal protein	At1g43170	8949.2	0.005643	4890.7	0.000322
15156_at	pyruvate dehydrogenase	At5g50850	8278.5	0.003067	6892.5	0.039365
15163_s_at	14-3-3 protein GF14 mu	At2g42590	42102.6	0.000219	101384.9	0.000219
15164_s_at	acyl-coA dehydrogenase	At3g51840	9206.4	0.000959	40457	0.000266
15165_s_at	nucleoside-diphosphate kinase	At4g09320	29958.7	0.000219	83759.5	0.000219
15166_s_at	auxin response transcription factor	At5g20730	1790.4	0.024711	3769.1	0.004863
15168_at	histone deacetylase-like protein	At5g22650	7900.5	0.000805	6997	0.000322
15170_s_at	Lhcb3 chlorophyll a/b binding protein	At5g54270	122213.2	0.000266	428333	0.000219
15171_s_at	subunit	At2g29400	4259	0.000266	23912.3	0.000219
15173_f_at	calmodulin 1	At5g37780	3941	0.009985	10097.6	0.001354
15174_f_at	E2, ubiquitin-conjugating enzyme 9	At4g27960	7891.1	0.000805	31471.1	0.000266
15177_s_at	eukaryotic translation initiation factor	At2g46290	10458.9	0.000673	6491.1	0.001892
15179_s_at	cystathionine gamma-synthase	At3g01120	8816.2	0.001602	7272.9	0.001141
15180_s_at	SAR1/GTP-binding secretory factor	At4g02080	2808.1	0.024711	8580.5	0.000266
15182_at	hydroxypyruvate reductase	At1g68010	54893.8	0.001141	46424	0.000322
15190_s_at	no hits		7831.4	0.003585	7789	0.001602
15191_at	vacuolar H ⁺ -transporting ATPase	At4g34720	16038.4	0.000562	54193	0.000266
15192_at	ATP-dependent Clp protease	At5g51070	10052.5	0.000322	12516.8	0.000805
15193_s_at	glutathione S-transferase	At2g30870	35241.1	0.000219	39700.1	0.000219
15194_s_at	GASA4	At5g15230	5514.6	0.039365	9834.4	0.014937
15195_s_at	cinnamate-4-hydroxylase molecular marker	At2g30490	19521.4	0.001354	8942.1	0.000322
15197_s_at	arginine decarboxylase	At2g16500	11592.6	0.000673	8065.3	0.000219
15200_s_at	AtRer1B	At2g21600	8957	0.001141	12576.7	0.000959
15201_f_at	ATHP2	At3g29350	2263	0.006524	5913	0.001892
15203_s_at	DNA-binding protein	At1g68840	7241.8	0.000805	3156	0.009985
15205_at	ethylene-insensitive 3	At3g20770	40494.3	0.000219	18874.2	0.000219
15206_s_at	K ⁺ channel, beta subunit	At1g04690	20518.4	0.000322	17530.2	0.000266
15209_s_at	Lil3 protein	At4g17600	4490.8	0.000959	10721.2	0.000219

15210_s_at	pyruvate dehydrogenase E1 beta subunit	At2g34590	8302.8	0.000468	13114.3	0.000322
15211_s_at	glutathione synthetase gsh2	At5g27380	3960.7	0.008689	5122.3	0.00418
15212_s_at	glycine decarboxylase complex H-protein	At2g35370	22192.2	0.000266	60709.4	0.000266
15213_s_at	ornithine carbamoyltransferase precursor	At1g75330	3874.9	0.008689	32235.3	0.000322
15215_s_at	auxin-induced protein	At3g04730	12112.2	0.000388	9141.8	0.001354
15216_at	germin-like protein	At1g09560	14541.7	0.000219	14473.8	0.000219
15255_at	Unknown protein	At4g36530	4236.5	0.006532	4921.3	0.005643
15296_at	translation initiation factor eIF-1A	At2g04520	13408.4	0.000266	16071.9	0.000219
15303_at	Unknown protein	At1g49380	2687.1	0.002228	3924.7	0.000219
15341_at	unknown protein	At2g32200	35280.9	0.000468	12885.2	0.001354
15343_at	unknown protein	At2g36410	2411.5	0.008689	2448	0.021866
15352_at	unknown protein	At1g71840	4362.9	0.005643	4506.4	0.013092
15369_at	Unknown protein	At4g14870	2127.3	0.035163	5300.3	0.001602
15372_at	no hits		3638.5	0.039365	10204.4	0.001602
15373_g_at	plastocyanin	At1g76100	5277.5	0.004863	10040.1	0.000673
15384_at	unknown protein	At2g39530	9275	0.031336	7065.8	0.024711
15386_at	Unknown protein	At1g60210	4455.9	0.019304	7077.8	0.05447
15387_at	unknown protein	At2g26240	9000.4	0.000266	14054.4	0.000219
15388_at	unknown protein	At2g38450	3617.9	0.008689	3494.1	0.005643
15392_at	unknown protein	At2g27080	2884.9	0.006532	3679.2	0.003585
15401_at	unknown protein	At2g28430	1885	0.031336	4905.9	0.001354
15411_at	unknown protein	At2g17240	17466.4	0.000388	17108.4	0.003585
15412_at	unknown protein	At2g31440	6505.8	0.003067	8573.4	0.001892
15422_at	Unknown protein	At4g04330	21860.9	0.000219	23564.3	0.000266
15431_at	protein centrin	At4g27280	8384.3	0.000388	7228.2	0.000468
15441_at	carbohydrate kinase	At4g27600	2948.1	0.009975	4816.8	0.000959
15444_at	pollen-specific protein	At3g57690	9386	0.011447	11406.7	0.021866
15451_at	invertase inhibitor homolog	At5g64620	3499.2	0.02786	2329.5	0.019304
15452_at	copper transport protein	At5g59030	7427.7	0.006532	13512.6	0.009985
15456_at	Unknown protein	At4g17050	3505.4	0.043968	2673.9	0.05447
15459_s_at	mercaptopyruvate sulfurtransferase	At1g16460	4099.5	0.000266	6218.8	0.000805
15463_at	protein annexin	At4g23480	12740.5	0.000266	16594.1	0.000219
15465_at	Unknown protein	At4g10030	2336.4	0.019304	1475.6	0.039365
15478_at	Unknown protein	At4g10000	3719.2	0.014937	2714.2	0.009985
15481_at	unknown protein	At2g30610	2639	0.017001	2638.7	0.005643
15490_at	Unknown protein	At4g29590	2910.9	0.024711	2605	0.007543
15491_at	Unknown protein	At4g12360	4004	0.007543	5027.7	0.048995
15501_at	Not56-like protein	At2g47760	2570	0.039365	1735.3	0.031336
15506_at	unknown protein	At2g25970	8138.2	0.002228	9446.8	0.014937
15510_r_at	no hits		4578.2	0.009985	5072.2	0.05447
15520_s_at	forever young gene (FEY)	At4g27760	4293.7	0.003067	4608.1	0.000959
15521_at	Unknown protein	At4g22890	48062.3	0.000266	93599.2	0.000266
15522_i_at	unknown protein	At4g24360	5269.8	0.00293	2076.5	0.032227
15523_s_at	Unknown protein	At4g24360	7088	0.006532	6885.4	0.031336
15534_f_at	histone H4	At2g28740	1640.9	0.048995	2626.5	0.011447
15540_at	unknown protein	At2g24860	7333	0.000468	18472.9	0.000266
15544_at	cation transport protein	At4g31290	3607.1	0.014937	2941	0.013092
15552_at	unknown protein	At3g46780	8500.6	0.003067	6668.9	0.008689
15553_at	Unknown protein	At1g77090	2421.8	0.003062	5640.9	0.000388
15554_at	unknown protein	At1g64980	5525.8	0.008689	4038	0.001602

15570_i_at	unknown protein	At2g47960	5110.8	0.009766	8481.6	0.001953
15571_s_at	unknown protein	At2g47960	4132.5	0.011447	6595.9	0.000673
15576_s_at	putative CCCH-type zinc finger protein	At2g25900	3816	0.007543	3813.9	0.000388
15577_s_at	MAP kinase kinase 2	At4g29810	6446.9	0.000673	6843.4	0.000322
15579_s_at	developmentally regulated GTP-binding protein	At1g17470	3285.3	0.007543	3837.6	0.003067
15581_s_at	copper/zinc superoxide dismutase	At2g28190	21558.6	0.000219	141547.1	0.000219
15582_s_at	alternative oxidase 1a precursor	At3g22370	77429.2	0.000219	22157.6	0.000219
15583_s_at	histidine transport protein	At2g02040	2626.5	0.031336	4681.2	0.005643
15584_s_at	vacuolar H ⁺ -ATPase proteolipid	At1g19910	35976.1	0.000673	35590.5	0.000673
15585_s_at	dynammin-like protein (pir S59558) /	At5g42080	9754.3	0.000266	11116.9	0.000959
15586_s_at	protein phosphatase ABI1	At4g26080	11469.3	0.000388	4357	0.002228
15592_s_at	Rac-like GTP-binding protein	At2g17800	1522.5	0.05447	3744	0.001354
15593_s_at	26S proteasome regulatory subunit	At2g39990	5162	0.000673	15991.6	0.000322
15594_s_at	glutamate dehydrogenase 2	At5g07440	4136	0.008689	2067.9	0.043968
15595_s_at	hydroxyacylglutathione hydrolase cytoplasmic	At3g10850	4517.6	0.001602	6118.1	0.000266
15596_s_at	homeodomain containing protein 1	At4g32040	1723.7	0.043968	4124.8	0.001354
15599_s_at	ATP-dependent Clp protease	At1g12410	3920.5	0.001892	6871.7	0.000219
15600_s_at	delta-8 sphingolipid desaturase	At3g61580	7121	0.000322	7227.3	0.000322
15601_s_at	fatty acid hydroxylase	At2g34770	8720.9	0.000673	13920.2	0.000562
15603_at	cellulose synthase catalytic subunit	At5g05170	42468.2	0.000266	20731.3	0.000388
15607_s_at	cyclic nucleotide-regulated ion channel	At5g15410	3292.1	0.021866	10000.3	0.000562
15608_at	nitrate transporter	At1g69850	3455.8	0.003585	3128.1	0.005643
15614_s_at	xyloglucan endotransglycosylase	At4g30270	10507.9	0.000219	54237.3	0.000219
15616_s_at	wall-associated kinase 1	At1g21250	4756.5	0.000468	13462.6	0.000673
15617_s_at	no hits		16526.5	0.000322	32506.9	0.000219
15620_s_at	4-coumarate:CoA ligase	At1g51680	12849.7	0.001602	6842.9	0.000805
15624_s_at	ADPG pyrophosphorylase small subunit	At5g48300	27834.4	0.000219	22876	0.000219
15625_at	glyoxalase II	At1g53580	5257	0.002228	13851.1	0.000562
15626_s_at	Spot 3 protein	At3g52850	6088.1	0.019304	6468.3	0.019304
15627_at	pyruvate dehydrogenase	At1g30120	4929.8	0.017001	6194.1	0.009985
15629_s_at	unknown protein	At1g17745	2050.2	0.006532	1772.4	0.008689
15633_s_at	SNF1 related protein kinase	At3g23000	4188.1	0.05447	4680.6	0.000959
15634_s_at	nucleotide diphosphate kinase	At5g63310	4470.7	0.000219	13552.2	0.000468
15636_at	ATP-dependent Clp protease	At5g53350	3734.7	0.019304	8833.7	0.001354
15640_at	ribosomal protein S27	At3g61110	12992.6	0.009985	25545.2	0.000219
15643_s_at	binding protein	At2g32080	4417.3	0.001141	15323.5	0.000468
15645_s_at	lycopene beta cyclase	At3g10230	8208.2	0.003067	6831.2	0.001602
15647_s_at	ATP-sulfurylase+B131	At4g14680	1665	0.003585	1721.2	0.017001
15655_s_at	putative prohibitin 2	At1g03860	14402.3	0.002617	10665	0.002617
15656_at	homogentisate 1,2-dioxygenase	At5g54080	6160.7	0.000219	9139.7	0.000468
15659_at	light-harvesting chlorophyll a/b binding protein	At1g61520	393452.8	0.000219	464432.3	0.000219
15660_s_at	glutathione peroxidase	At4g11600	12542.2	0.000219	4077	0.000468
15663_s_at	DNA-binding protein	At1g13260	3201.2	0.000805	3214.6	0.001141
15665_at	c2h2 zinc finger transcription factor	At5g04340	43582.8	0.000266	4917.6	0.000959
15667_s_at	20S proteasome beta subunit	At1g21720	7611.5	0.001602	12212.7	0.001141
15668_s_at	nucleoside diphosphate kinase 3	At4g11010	13557.4	0.000322	20066.1	0.000219
15672_s_at	unknown protein	At2g22470	29255.7	0.000219	4251.8	0.024711
15677_s_at	no hits		18202.1	0.001354	16543.1	0.000388
15680_s_at	ribosomal-protein S6 kinase	At3g08720	19105.5	0.000219	3302	0.001892
15683_s_at	pEARLI 4 protein	At2g20960	21540.9	0.000562	3735.2	0.024711

15685_s_at	biotin synthase	At2g43360	1987.3	0.004857	3358.5	0.009985
15690_f_at	cytosolic cyclophilin	At2g16600	8107.5	0.00418	20275.2	0.000388
15691_s_at	profilin 1	At2g19760	2528.6	0.002228	2682.2	0.001354
15694_s_at	putative nuclear DNA-binding protein	At3g51800	5559.2	0.017001	4562.8	0.000959
15761_at	neoxanthin cleavage enzyme	At4g19170	7557.7	0.000388	6222.5	0.000959
15771_at	Unknown protein	At4g13590	2665.3	0.004863	2062.2	0.043968
15779_g_at	zinc finger protein ZAT7	At3g46090	3734.7	0.02786	3802	0.001892
15818_at	Unknown protein	At4g10810	6251.9	0.002617	8399.3	0.008689
15829_at	coproporphyrinogen III oxidase	At1g03475	3719.5	0.004863	2628.1	0.002228
15832_at	unknown protein	At2g29180	3359.9	0.011447	8594.4	0.000266
15833_at	copia-like retroelement pol polyprotein	At2g19680	2413.5	0.011447	2500.9	0.001602
15836_at	unknown protein	At2g35400	6333.7	0.003585	5121.6	0.019304
15837_at	thiamin biosynthesis protein	At2g29630	16288.4	0.000562	5399.5	0.000562
15846_at	unknown protein	At2g14560	4851.1	0.017001	6607.5	0.011447
15849_at	unknown protein	At2g32090	2038	0.035163	5320.1	0.001354
15855_at	unknown protein	At2g22640	1883.1	0.035163	1578.6	0.02786
15857_at	unknown protein	At2g46540	2556.2	0.014937	6413.5	0.000388
15861_at	unknown protein	At2g35850	5979.9	0.05447	5325.6	0.035163
15862_at	unknown protein	At2g21970	2152.9	0.043968	3349.7	0.005643
15864_at	unknown protein	At2g11910	2010.3	0.05447	1994.8	0.021866
15866_s_at	unknown protein	At2g38860	7060.2	0.001602	5693.3	0.000959
15881_at	Unknown protein	At4g39970	21927	0.004863	13525.8	0.001141
15883_at	Unknown protein	At4g26240	4380.1	0.007543	4372.2	0.043968
15890_at	60S ribosomal protein L27A	At1g70600	16875.3	0.000673	29731.8	0.000266
15898_at	thioredoxin reductase	At2g41680	1989.7	0.017001	2069.3	0.017001
15900_at	unknown protein	At2g31090	8471.8	0.000219	6984.2	0.000562
15919_at	unknown protein	At1g30755	4288.7	0.007543	1618.9	0.043968
15923_at	unknown protein	At2g12400	2753.9	0.031336	2374.9	0.048995
15931_at	Unknown protein	At1g21670	6798.4	0.000805	3061.9	0.031336
15937_at	Unknown protein	At4g17840	9672.8	0.002228	8634	0.00418
15939_at	Unknown protein	At4g33140	2194.5	0.024711	1743.5	0.017001
15949_s_at	auxin-regulated protein	At2g39730	284026.3	0.000219	263741.6	0.000219
15952_i_at	dnaK-type molecular chaperone hsc70.1	At5g02500	160478.1	0.001109	116221	0.001109
15953_s_at	dnaK-type molecular chaperone	At5g02500	133634	0.000219	46663.7	0.000219
15955_s_at	polyubiquitin	At5g20620	8079.2	0.000673	3099.4	0.021866
15960_at	heat-shock protein	At3g09440	114712.4	0.000219	7464.4	0.000562
15962_at	putative aquaporin	At2g36830	8940.9	0.000673	11808.4	0.000219
15963_at	adenylate translocator	At3g08580	6521.1	0.000388	9929.2	0.001354
15967_at	cathepsin B-like cysteine protease	At4g01610	4491.6	0.048995	9830.3	0.000673
15972_at	cysteine proteinase	At4g16190	31140.4	0.000219	28067.7	0.000219
15973_at	cysteine proteinase RD21A	At1g47128	24252.7	0.000219	35962.1	0.000322
15977_s_at	aquaporin	At2g45960	61495.4	0.000219	105317.7	0.000219
15978_at	adenosine nucleotide translocator	At5g13490	19404.6	0.000219	4888.9	0.009985
15980_at	homeodomain transcription factor	At2g22430	12617.9	0.000805	7981.7	0.001892
15982_s_at	peroxidase ATP2a	At2g37130	2495.4	0.005643	4782.9	0.001892
15986_s_at	protein 3	At4g21280	78541.4	0.000266	166215.6	0.000219
15987_at	aquaporin	At2g39010	31697.2	0.000266	35382.9	0.000219
15988_at	tubulin beta-4 chain	At5g44340	19762	0.000219	17071.7	0.000322
15989_at	plasma membrane intrinsic protein 2a	At3g53420	22504.7	0.000388	119731	0.000266
15990_at	sedoheptulose-bisphosphatase precursor	At3g55800	9194.1	0.000673	15808.1	0.000219

15992_s_at	translation elongation factor eEF-1	At5g60390	203052.8	0.000219	121909.1	0.000219
15995_at	chlorophyll a/b-binding protein	At5g01530	442574.4	0.000219	531105.8	0.000219
15997_s_at	Unknown protein	At1g20440	376511.1	0.000219	55955.6	0.000219
15999_s_at	60S ribosomal protein L10A	At2g27530	6908	0.000219	14076.8	0.000219
16001_at	unknown protein	At3g15450	14152.8	0.003067	25319.9	0.002617
16004_s_at	chlorophyll a/b-binding protein	At3g54890	391424	0.000219	533912.4	0.000219
16005_at	membrane channel like protein	At4g17340	30820.4	0.000219	12238.4	0.000219
16008_i_at	glutathione transferase	At2g47730	259685.5	0.000491	61293.1	0.000491
16009_s_at	glutathione S-transferase (GST6)	At2g47730	157472.9	0.000219	46680.6	0.000219
16010_s_at	metallothionein-like protein	At3g09390	118380.3	0.000219	133592.9	0.000219
16011_s_at	metallothionein-like protein	At3g09390	235992.5	0.000219	74831.2	0.000219
16014_at	unknown protein	At1g75750	7117	0.000805	24065.2	0.000388
16015_at	geranylgeranyl reductase	At1g74470	35959.4	0.000266	73881.2	0.000219
16018_s_at	no hits		23247.1	0.000219	24971.3	0.000219
16019_at	unknown protein	At4g15545	8835.5	0.000562	4515.3	0.006532
16021_at	endomembrane-associated protein	At4g20260	35191.1	0.000468	30437	0.000959
16022_at	ATP synthase	At2g21870	6206.8	0.001141	6758.6	0.000219
16023_at	late embryogenesis abundant proteins	At2g44060	4307.2	0.011447	2690.4	0.003585
16024_at	Unknown protein	At2g06520	164467	0.000266	260791.4	0.000266
16026_at	Eukaryotic initiation factor 4A	At3g13920	96454.9	0.000219	48609.3	0.000219
16027_s_at	eukaryotic translation initiation factor	At1g54270	26612.5	0.001892	11738.7	0.003067
16029_s_at	ATP sulfurylase precursor	At5g43780	6681.7	0.00418	7307.7	0.003067
16030_s_at	plasma membrane intrinsic protein 1c	At1g01620	33345.8	0.000219	64304.4	0.000219
16031_at	ferritin 1 precursor	At5g01600	25046.2	0.000219	7278.7	0.001602
16032_s_at	Thioredoxin	At5g42980	49292.1	0.000219	52311.7	0.000219
16034_at	phosphoribulokinase precursor	At1g32060	14214.4	0.000388	19032	0.000219
16035_at	metallothionein 2b	At5g02380	183990.4	0.000219	240394.3	0.000219
16036_i_at	no hits		100442.9	0.000327	79062.3	0.000327
16037_s_at	Unknown protein	At1g20696	24803.8	0.000219	23966.8	0.000219
16039_s_at	plant defensin protein	At2g02100	23832.3	0.000219	13061.4	0.000388
16041_s_at	putative methylenetetrahydrofolate reductase	At2g44160	1511.3	0.035163	1564.9	0.05447
16042_s_at	cytochrome P450 90A1	At5g05690	7251.9	0.002617	14286.8	0.000388
16044_s_at	photosystem I subunit V precursor	At1g55670	332742.4	0.000219	348927.4	0.000219
16046_s_at	light regulated protein	At3g26740	86723	0.000219	76317.3	0.000219
16047_at	unknown protein	At2g25510	191728.7	0.000219	261263.3	0.000219
16049_s_at	no hits		72031.1	0.000219	4351.3	0.007543
16050_at	fructose bisphosphate aldolase	At2g36460	3140.6	0.008689	5267.4	0.005643
16051_at	tubulin beta-9 chain	At4g20890	15334.9	0.000805	7303.6	0.001602
16053_i_at	glutathione transferase	At1g02920	129283.8	0.001109	21258.1	0.001109
16054_s_at	glutathione S-transferase	At1g02920	308317.8	0.000219	85178	0.000219
16056_s_at	spot 3 protein	At2g14720	4425.6	0.002617	8681.2	0.002617
16057_s_at	acetyl-CoA carboxylase	At5g35360	2595.7	0.002617	9271.7	0.000562
16058_s_at	glutathione peroxidase	At2g31570	12459.4	0.002228	11627.5	0.000805
16060_at	zinc finger protein ATZF1	At1g08930	145801.6	0.000219	92887.7	0.000219
16062_s_at	DRE CRT-binding protein	At4g25470	6323.6	0.007543	6340.3	0.004863
16064_s_at	ethylene responsive element binding factor 4	At3g15210	5216.6	0.006532	2752.9	0.021866
16067_at	DegP protease precursor	At3g27925	3702.9	0.008689	4577.7	0.013092
16068_s_at	Rho1Ps homolog Rac-like protein	At4g35020	5630.1	0.031336	7874.2	0.008689
16075_f_at	calcineurin B-like protein 3	At4g26570	2642.8	0.011447	2279.1	0.014937
16077_s_at	phytochelatin synthase	At5g44070	12114.5	0.000959	5918.5	0.001892

16079_s_at	putative C2H2-type zinc finger protein	At2g24500	12576.7	0.001892	6053.9	0.003585
16080_f_at	60S ribosomal protein L10	At1g66580	254776.5	0.001141	78651.5	0.001892
16082_s_at	glutathione S-transferase	At2g29450	83779.1	0.000219	12378.4	0.000322
16083_at	progesterone-binding protein homolog Atmp2	At3g48890	2720.7	0.011447	2385.7	0.00418
16087_s_at	ribosomal-protein S6 kinase	At3g08730	14174.6	0.000959	6359.8	0.021866
16098_s_at	phosphoprotein phosphatase 2A	At1g25490	15125.2	0.000388	18041.3	0.000219
16102_s_at	adenylosuccinate synthetase	At3g57610	3000.9	0.013092	1740.2	0.02786
16104_s_at	fimbrin-like protein	At4g26700	4893.1	0.00418	2443.2	0.035163
16106_at	WD-40 repeat protein	At1g18080	8561.2	0.000322	12220.5	0.000219
16107_s_at	arginine-aspartate-rich RNA binding protein	At5g51410	2989.9	0.003067	3123.3	0.002228
16108_s_at	cytochrome P450	At2g24180	2294.4	0.014937	2333	0.021866
16110_s_at	sigma factor SigC	At3g53920	3845.5	0.001141	6881.4	0.005643
16118_s_at	putative WD-40 repeat protein	At2g19520	4473.5	0.011447	2658.2	0.031336
16120_at	nonphototropic hypocotyl 1	At3g45780	11878.2	0.000388	4559.5	0.001602
16124_s_at	photolyase/blue-light receptor	At2g47590	2916.8	0.005643	2389.1	0.013092
16125_s_at	nucleotide diphosphate kinase	At5g63310	3428.8	0.002228	8547.3	0.000959
16132_s_at	auxin transporter splice variant b	At1g73590	6344	0.048995	6368.4	0.003585
16133_at	ARG1 protein	At1g68370	3946.8	0.003067	2551.2	0.003067
16135_at	thioredoxin f1	At3g02730	92935.3	0.006532	257417.8	0.005643
16136_at	thioredoxin f2	At5g16400	7027.2	0.001141	33821.4	0.000219
16138_at	small zinc finger-like protein	At5g50810	2372.9	0.05447	3093.4	0.005643
16140_s_at	Unknown protein	At1g21270	2846.9	0.02786	6831.2	0.003585
16141_s_at	amino acid permease I	At1g58360	1305.9	0.02786	2647.2	0.017001
16142_at	GTP-binding protein ara-3	At3g46060	4938.9	0.001141	7411.1	0.001141
16145_at	vacuolar ATP synthase	At1g75630	17883.4	0.004863	69306.6	0.000388
16146_at	CASEIN KINASE II	At3g50000	3219.5	0.00418	8081.8	0.000562
16152_s_at	S-like ribonuclease RNS2	At2g39780	2731.9	0.021866	16205.9	0.000266
16154_s_at	casein kinase II beta chain CKB2	At4g17640	5067	0.001602	4777.1	0.000562
16160_f_at	phosphoglycerate kinase	At1g56190	5564	0.001892	23727.3	0.000266
16168_s_at	proline iminopeptidase	At2g14260	2972.4	0.035163	3283.3	0.007543
16204_at	Unknown protein	At4g00300	1832.7	0.016986	2812.3	0.000562
16210_at	potassium transporter	At4g04850	1991	0.019304	2319.4	0.003585
16245_at	Unknown protein	At2g47210	2057.8	0.035163	2281.4	0.000805
16260_at	unknown protein	At2g39130	2166.3	0.05447	2862.3	0.043968
16286_at	Unknown protein	At4g00370	3366.9	0.007534	2959.9	0.017001
16288_at	putative prolyl 4-hydroxylase, alpha subunit	At2g17720	7722.6	0.000805	4617.8	0.009985
16296_at	ABC transporter	At4g04770	3178.2	0.004863	1904.1	0.035163
16297_at	nifU-like protein	At4g22220	14515.2	0.000468	19409.2	0.000959
16302_at	thioredoxin-like protein	At3g54900	4872.4	0.001354	8556.5	0.000673
16319_at	Unknown protein	At4g31560	4108.7	0.000322	9670.6	0.000219
16340_at	receptor protein kinase	At1g61360	1937.8	0.048995	1635.8	0.035163
16345_at	AAA-type ATPase	At2g03670	1991	0.017001	2380.3	0.011447
16385_s_at	glucose-6-phosphate dehydrogenase	At5g35790	2270.5	0.005643	2952.8	0.011436
16393_s_at	no hits		6911.9	0.008689	4041.6	0.000959
16414_at	23 kDa polypeptide of oxygen-evolving complex	At1g06680	52015.9	0.000219	137782.9	0.000219
16416_at	plant defensin protein	At2g02130	12498.9	0.003585	11443.3	0.004863
16417_s_at	photosystem I chain XI precursor	At4g12800	427254	0.000219	381167.6	0.000219
16418_s_at	photosystem II polypeptide	At1g79040	773801.1	0.000219	488067.5	0.000219
16420_at	unknown protein	At1g09640	11763.3	0.000673	11185.4	0.001141
16422_at	auxin-regulated protein	At2g33830	83410.9	0.000219	64683.5	0.000562

16423_at	photosystem II reaction center 6.1KD protein	At2g30570	450297.5	0.000673	567940.3	0.000266
16424_g_at	photosystem II reaction center 6.1KD protein	At2g30570	238115.5	0.000219	444287.6	0.000219
16427_at	amino acid transport	At5g09220	2691.8	0.007543	3348.3	0.000219
16428_at	carbonic anhydrase	At3g01500	24059.3	0.000219	69514.4	0.000219
16429_at	L-ascorbate peroxidase	At1g07890	37353.2	0.000673	15975.9	0.001141
16430_at	glutathione S-transferase	At2g30860	105489.4	0.000219	87201.6	0.000219
16431_at	nonspecific lipid-transfer protein	At2g38530	2505.9	0.000266	10850.2	0.000322
16432_g_at	nonspecific lipid-transfer protein	At2g38530	5777.1	0.004863	9024.4	0.000388
16433_at	40S ribosomal protein S12	At2g32060	5308.9	0.002228	12928	0.000562
16435_at	DNA binding protein	At1g11650	10932.7	0.000562	8495.1	0.000266
16436_at	unknown protein	At3g15353	192177.6	0.000219	129263.2	0.000219
16439_at	unknown protein	At1g31580	584485.8	0.000219	432585.6	0.000219
16440_at	nematode-resistance protein	At2g40000	14113	0.000388	2406.5	0.005643
16441_s_at	shaggy-like kinase alpha	At5g26751	10597.8	0.021866	7613.5	0.017001
16443_at	translation elongation factor EF-Tu precursor	At4g20360	51035.1	0.000219	77532.7	0.000219
16446_at	plasma membrane intrinsic protein 1a	At3g61430	16431.1	0.000322	52341.5	0.000219
16449_s_at	complex	At5g66570	386108.8	0.000219	483711.2	0.000219
16451_at	ketol-acid reductoisomerase	At3g58610	5232.4	0.000219	17150	0.000219
16452_g_at	ketol-acid reductoisomerase	At3g58610	46932.5	0.000219	36939.3	0.000219
16454_s_at	unknown protein	At2g42680	3393.1	0.009985	5769.5	0.019304
16455_at	unknown protein	At2g46820	30947.9	0.001354	43175.5	0.000219
16456_at	unknown protein	At1g56280	31328	0.001354	133651	0.000562
16457_s_at	arabinogalactan-protein (AGP16)	At2g46330	15424.4	0.000562	25449.9	0.000219
16458_s_at	no hits		16584	0.000219	5919.7	0.000388
16459_s_at	beta-fructosidase	At1g12240	10634.9	0.003585	14173.5	0.000219
16463_at	elongation factor 1-beta	At1g30230	26729.5	0.000322	49822.2	0.000219
16464_g_at	elongation factor 1-beta	At1g30230	43760.1	0.000805	60616.6	0.000219
16466_s_at	heat-shock protein	At3g09440	66201.9	0.000266	5228.5	0.002617
16467_s_at	acyl-(acyl carrier protein) thioesterase	At1g08510	2604.7	0.024711	2658.3	0.019304
16469_at	no hits		23074.6	0.001141	33619.9	0.001141
16475_at	E2, ubiquitin-conjugating enzyme	At3g52560	8526.2	0.003067	11805.6	0.001141
16476_at	actin 2	At3g18780	48406.7	0.000219	44045.6	0.000266
16479_s_at	RNA-binding protein	At2g37220	86479.3	0.000219	87462.8	0.000219
16480_at	tubulin beta-6 chain	At5g12250	10842.6	0.007543	4838.5	0.005643
16482_s_at	gamma-VPE	At4g32940	28266.2	0.000219	19200.2	0.000219
16485_s_at	complex	At3g50820	48118.5	0.000219	104731.9	0.000219
16486_at	serine carboxypeptidase precursor	At3g10410	2838.8	0.00418	2189.9	0.001141
16487_at	dioxygenase	At2g25450	18651.8	0.003067	11902.1	0.000388
16488_at	glucose transporter	At1g11260	9659.2	0.000219	35594.9	0.000219
16492_at	unknown protein	At1g04140	4817.3	0.011447	4515.4	0.014937
16495_at	senescence-associated protein	At5g66040	12336.7	0.007543	11228.3	0.035163
16497_at	Unknown protein	At3g21055	56065.9	0.000562	134821.5	0.000219
16500_at	unknown protein	At2g16590	3074.4	0.014937	7150.6	0.001141
16501_s_at	alpha-xylosidase	At1g68560	2579.2	0.05447	1733.1	0.039365
16503_at	glutamate-ammonia ligase	At5g35630	61841.5	0.000673	44645.6	0.000266
16504_at	hydroxymethyltransferase	At4g13930	5216.3	0.000468	3248.8	0.014937
16506_at	40S ribosomal protein S6	At5g10360	10813.1	0.000388	16957.4	0.001141
16507_at	40S ribosomal protein S2	At2g41840	13126.1	0.000388	23564.8	0.000805
16508_at	adenine nucleotide translocase	At1g15500	9331.5	0.000805	13626.8	0.000266
16509_at	dehydrogenase	At5g09660	129143.7	0.000266	102658.6	0.000219

16511_at	unknown protein	At2g36320	12830.3	0.000388	5811	0.000219
16515_at	Unknown protein	At4g34700	11719.7	0.002617	20027	0.00418
16516_at	unknown protein	At2g02510	3597.8	0.011447	9863.3	0.000562
16517_at	cobalamin biosynthesis protein	At5g13630	16078.4	0.001141	20302.4	0.000219
16523_s_at	copper/zinc superoxidase dismutase	At1g08830	25852.8	0.001141	42500.2	0.000266
16524_at	aldehyde dehydrogenase	At1g54100	5297.8	0.000672	2922	0.02786
16525_at	60S ribosomal protein L7A	At2g47610	2536.6	0.009985	3415.3	0.003067
16526_at	adenine nucleotide translocase	At1g80300	13808.1	0.000468	9092.4	0.001141
16527_at	60S acidic ribosomal protein P2	At2g27720	37810.4	0.000266	135964.2	0.000266
16528_at	glutathione transferase	At1g27130	3634.9	0.002228	6255.1	0.000673
16529_at	putative RGA1	At2g01570	2835.4	0.011447	1608	0.011447
16530_at	arginine/serine-rich splicing factor	At5g52040	3247.7	0.011447	3424	0.004863
16531_s_at	putative 60S ribosomal protein L21	At1g09690	24032.7	0.000322	27975	0.000219
16536_at	ethylene responsive element binding factor 5	At5g47230	8814.7	0.000219	3492.1	0.003585
16538_at	RNA helicase	At3g01540	7364.8	0.001892	5503.8	0.000322
16539_s_at	no hits		8146.2	0.000219	8137.6	0.000322
16540_s_at	heme oxygenase 1	At2g26670	18085	0.000266	47472.3	0.000266
16544_s_at	60S ribosomal protein L23A	At2g39460	13169	0.001354	28428.4	0.000388
16546_s_at	20S proteasome alpha subunit G	At2g27020	5141	0.000322	9126.1	0.000219
16548_at	one helix protein (OHP)	At5g02120	11066.7	0.00418	30987	0.000388
16552_at	polypyrimidine tract-binding protein	At3g01150	2097.7	0.043968	1801.5	0.017001
16566_s_at	AP2 domain protein	At4g36900	4794.8	0.043968	3171.1	0.02786
16569_s_at	lipoxygenase AtLOX2	At3g45140	4342	0.008689	3502.2	0.006532
16573_s_at	omega-3 fatty acid desaturase	At3g11170	2875.3	0.004863	2604.8	0.000959
16574_s_at	acyl carrier protein	At2g44620	38967.1	0.000322	73236.4	0.000322
16576_f_at	serine/threonine protein phosphatase type 2A	At1g59830	3587.3	0.000673	3524.1	0.008689
16591_s_at	multiubiquitin chain binding protein	At4g38630	8213.1	0.000562	8740.8	0.001602
16596_at	sterol delta7 reductase	At1g50430	4366.8	0.000388	7302.8	0.000673
16598_s_at	aromatic rich glycoprotein	At1g70370	3805.4	0.005643	2827.6	0.001141
16604_s_at	fumarase	At2g47510	3796	0.014937	3401.2	0.031336
16605_s_at	flavonol synthase (FLS)	At5g08640	2852.2	0.008689	2418.5	0.043968
16608_s_at	lipoic acid synthase	At2g20860	5852.3	0.002617	11760.8	0.000805
16612_s_at	ribosomal protein S9	At1g74970	15356.5	0.000219	26353.4	0.000266
16620_s_at	TCH4 protein	At5g57560	49355.6	0.000219	38592.1	0.000266
16625_at	transcription factor MYB92	At5g10280	4200.6	0.043968	2759.9	0.05447
16627_s_at	GDP-mannose pyrophosphorylase	At2g39770	13065.7	0.000219	8780.9	0.000219
16628_at	AAA-ATPase subunit	At3g05530	4170.4	0.011447	2389.9	0.007543
16637_s_at	Unknown protein	At4g14690	19956.1	0.000468	5631.4	0.005643
16638_at	zinc finger protein (PMZ)	At3g28210	15510.2	0.000322	1376.6	0.007543
16640_s_at	unknown protein	At1g61570	5936.1	0.00418	7982.1	0.000388
16641_at	NADPH:quinone oxidoreductase	At3g27890	2500.2	0.035163	10925.6	0.000388
16647_s_at	omega-3 fatty acid desaturase	At2g29980	6213.6	0.008689	7903.5	0.002228
16650_s_at	phytoene synthase	At5g17230	2386.2	0.021866	2606.1	0.017001
16673_at	photosystem II stability/assembly factor	At5g23120	9258.8	0.000959	18733.7	0.000388
16674_at	putative sugar transporter	At2g48020	2582	0.043968	3245.5	0.009985
16682_at	Unknown protein	At5g44785	2398	0.004863	1484	0.035163
16687_at	Unknown protein	At4g02920	5719.6	0.002228	3328.2	0.02786
16716_at	unknown protein	At2g21120	3599	0.002228	6333.2	0.000388
16817_s_at	ACC synthase (AtACS-6)	At4g11280	4156.7	0.000219	3145	0.001141
16860_at	cysteine protease	At1g09850	2648	0.019304	2727.5	0.035163

16863_at	protein phosphatase 2A regulatory subunit	At1g13320	3766.4	0.003585	3627.7	0.000266
16894_at	60S ribosomal protein L36	At2g37600	3326.8	0.001354	8047.3	0.001354
16897_i_at	unknown protein	At5g15350	6492.9	0.016113	38778	0.003906
16898_s_at	Unknown protein	At5g15350	3917.1	0.021866	11841.2	0.000562
16899_at	photosystem II 5 KD protein	At1g51400	20601.7	0.000468	89170.9	0.000219
16901_at	unknown protein	At2g28910	14899.2	0.000959	12955.8	0.000673
16902_at	unknown protein	At2g21620	12997.8	0.000266	5371.3	0.001141
16905_s_at	catalase	At4g35090	61921.3	0.000322	52533.1	0.000219
16906_at	cellulose synthase catalytic subunit (RSW1)	At4g32410	9048.8	0.001354	4734	0.003585
16913_s_at	ubiquitin extension protein	At2g36170	4212.2	0.002224	15565.8	0.000219
16917_at	E2, ubiquitin-conjugating enzyme 2	At2g02760	46846.2	0.000562	66475.5	0.000562
16918_s_at	no hits		113094.3	0.000219	159170.2	0.000219
16919_at	40S ribosomal protein S14	At2g36160	28463.7	0.000219	64890.5	0.000219
16920_at	ribosomal protein S14	At3g52580	10756.2	0.000805	14897.2	0.000673
16922_i_at	Putative S-phase-specific ribosomal protein	At4g34670	42193.8	0.000491	79934.1	0.000491
16923_s_at	S-phase-specific ribosomal protein	At4g34670	8498.1	0.000562	15363	0.000388
16924_s_at	60S ribosomal protein L2	At2g18020	76418.7	0.000219	109616.9	0.000219
16925_at	ribosomal protein S13	At4g00100	4402.4	0.005643	7947.5	0.001892
16926_at	60S ribosomal protein L15	At4g17390	26678.4	0.000805	29182.7	0.000562
16927_s_at	xyloglucan endo-1,4-beta-D-glucanase precursor	At4g30270	9786.2	0.000219	8511.8	0.000219
16930_at	ribosomal protein	At4g14320	8354.5	0.000805	25129.2	0.000219
16931_s_at	ribosomal protein S27	At3g61110	16979.8	0.000219	48290.3	0.000219
16933_at	40S ribosomal protein S3	At2g31610	17591.7	0.000673	24483	0.000388
16934_at	ribosomal protein	At4g15000	7059.1	0.001354	12246	0.000219
16935_s_at	H+-transporting ATPase chain E	At4g11150	15499.3	0.000673	17985.2	0.000959
16936_at	ribosomal protein L19	At4g02230	2286.8	0.019304	1135.7	0.006532
16937_at	60S ribosomal protein L12	At2g37190	1761.1	0.009985	2235.7	0.017001
16938_at	60s ribosomal protein L34	At1g26880	10567.3	0.001354	12919.5	0.004863
16939_at	unknown protein	At2g33110	12998.8	0.00418	11558.2	0.004863
16940_g_at	no hits		167783.2	0.000266	105952.9	0.000219
16941_at	oligouridylate binding protein	At1g54080	3543.2	0.039365	4077.1	0.013092
16942_at	ribosomal protein S10	At4g25740	9872.5	0.013092	13059.2	0.009985
16948_at	F-box protein family	At2g25490	9693.8	0.000266	2534	0.039365
16950_s_at	putative transport protein SEC61 beta-subunit	At2g45070	7464.4	0.014937	4325.8	0.011447
16951_i_at	calmodulin-like protein	At2g41410	3886.6	0.003815	7793.6	0.000491
16952_s_at	calmodulin-like protein	At2g41410	7496.4	0.000388	9561	0.001892
16953_at	ribosomal protein	At1g67430	23140.1	0.000219	19683.4	0.000219
16954_at	unknown protein	At1g54780	14001.8	0.000219	18540	0.000562
16956_at	Unknown protein	At4g01000	3855.2	0.001354	2840.3	0.004863
16957_at	thioredoxin-m	At1g03675	297446.1	0.000322	236010.7	0.000219
16959_at	unknown protein	At1g16240	2810.7	0.05447	2651.7	0.004863
16960_at	putative triosephosphate isomerase	At2g21170	10316.2	0.000219	26576.3	0.000219
16961_at	unknown protein	At2g02960	4709.6	0.024711	2517	0.024711
16967_s_at	H+-transporting ATPase 16K chain P2	At4g38920	30490.3	0.000266	50694.9	0.000219
16969_i_at	vacuolar proton-ATPase	At2g16510	18537.9	0.001465	18039.9	0.001465
16976_at	ribosomal protein L8	At4g36130	22554	0.001602	20338.4	0.008689
16977_at	homeodomain	At4g40060	5016.2	0.002617	6328.7	0.002228
16979_at	small GTP-binding protein	At1g49300	6741.3	0.000322	10926.2	0.000266
16981_s_at	thioredoxin	At1g45145	161862.4	0.000219	120657.8	0.000219
16982_at	tumor suppressor	At1g14320	34110.1	0.000388	114715.8	0.000266

16983_at	ferredoxin precursor isolog	At1g10960	41772.9	0.000219	53388	0.000219
16984_at	ribosomal protein S18	At1g34030	6762.8	0.001602	21671.5	0.000219
16985_s_at	cytosolic ribosomal protein S11	At3g48930	41108.5	0.000219	76525.2	0.000219
16987_s_at	E2, ubiquitin-conjugating enzyme 6	At2g46030	2288.5	0.003585	6965.7	0.000388
16988_at	transcription factor L2	At3g55770	25344	0.000805	27179.1	0.000673
16992_at	protein kinase	At2g24360	3142.5	0.014937	2610.6	0.009985
16994_at	60S ribosomal protein L7	At2g44120	8631.4	0.000266	20057.3	0.000219
16996_s_at	no hits		28092.2	0.000266	12321.7	0.000468
16997_at	60S ribosomal protein L13	At3g49010	4099.1	0.001889	7749.6	0.000266
16998_at	dTDP-glucose 4-6-dehydratase	At3g62830	2615.4	0.006532	3119.7	0.011447
16999_at	nucleosome assembly protein	At2g19480	7194.7	0.000388	3975.4	0.000468
17000_at	50S ribosomal protein L24	At5g54600	5941.6	0.00418	19130.6	0.000219
17001_at	acetyl-CoA acyltransferase	At1g04710	2105.5	0.039365	2330.9	0.017001
17002_at	non-specific lipid transfer protein	At3g51600	6089.6	0.001354	13213.2	0.000468
17004_s_at	60S ribosomal protein L18A	At2g34480	11174.3	0.003067	31831.9	0.000266
17005_at	ribosomal protein ribosomal protein L31	At4g26230	34913	0.000322	58700.1	0.000266
17006_at	selenium-binding protein	At4g14030	4135.7	0.004863	8716.9	0.000468
17008_at	tyrosine aminotransferase	At2g24850	1202	0.008689	2433.6	0.001892
17011_at	DNA binding protein	At4g27000	9111.6	0.000959	11624.7	0.000673
17014_s_at	ribonuclease	At2g02990	27688.4	0.000219	7313.4	0.000562
17017_s_at	aspartate aminotransferase	At2g30970	5676	0.002228	3825.5	0.001141
17018_s_at	cytochrome P450 monooxygenase	At4g13770	13191.6	0.000322	4601.8	0.000673
17024_s_at	cytochrome p450+B214	At1g64900	4657.5	0.009985	3752.7	0.000219
17025_s_at	prohibitin-like protein	At4g28510	3410.2	0.035163	12535.4	0.001602
17030_at	unknown protein	At5g51400	7670.2	0.002617	25516.1	0.000219
17032_s_at	MADS-box protein	At2g03710	2589.1	0.007543	3248.3	0.003067
17044_at	ethylene responsive element binding factor 3	At1g50640	4881.1	0.000219	3493.3	0.001602
17048_s_at	plastid division protein	At2g36250	40644.6	0.000388	34952.9	0.000219
17051_s_at	monooxygenase	At2g29720	4351.8	0.005643	1508	0.014937
17056_s_at	unknown protein	At2g29530	7010.4	0.0016	11583.2	0.000388
17057_at	SYNC1 protein	At5g56680	2416.9	0.031336	2725.3	0.017001
17063_s_at	Ras-related GTP-binding protein	At2g43130	3635.1	0.011447	12300.4	0.000266
17067_s_at	protoporphyrinogen oxidase	At4g01690	9388.8	0.000219	12038	0.000219
17075_s_at	Nitrilase 4	At5g22300	6321.7	0.000562	4939.6	0.000219
17084_s_at	biotin carboxyl carrier protein 1	At5g16390	2822.8	0.001892	5007.8	0.001602
17085_at	serine O-acetyltransferase	At5g56760	5234.5	0.000959	5616.5	0.000562
17087_at	precursor	At5g64040	47983.2	0.000219	117754.6	0.000219
17089_s_at	ferulate-5-hydroxylase	At4g36220	5457.6	0.014937	5456	0.017001
17092_at	3(2),5-bisphosphate nucleotidase	At5g63980	4981.7	0.008689	4671.7	0.007543
17094_s_at	no hits		5825.5	0.000266	2436	0.004863
17095_s_at	high affinity Ca ²⁺ antiporter	At2g38170	52556	0.000805	82200.8	0.000219
17097_at	calreticulin	At1g08450	3387.8	0.011447	4084.1	0.003585
17098_s_at	Glucose-1-phosphate adenylyltransferase	At5g19220	5175.9	0.003067	9216.2	0.001354
17101_f_at	clathrin assembly protein AP19	At2g17380	2192.7	0.021866	3640.5	0.003585
17103_s_at	xyloglucan-specific glucanase	At2g01850	6802.1	0.003067	10413.3	0.001892
17104_s_at	phosphoserine aminotransferase	At4g35630	8518	0.000468	3147.6	0.000219
17105_at	respiratory burst oxidase protein	At5g47910	2556.2	0.024711	3804.2	0.000219
17113_s_at	phosphoinositide specific phospholipase C	At5g58670	13917.3	0.000673	11209.2	0.003585
17114_s_at	MAP kinase 4 (MPK4)	At4g01370	6447	0.001892	3790.8	0.043968
17119_s_at	no hits		82201.4	0.000219	64567.9	0.000219

17126_at	WD-40 repeat protein	At5g58230	2695.1	0.043968	2609.6	0.008689
17129_at	transcription factor IIB	At2g41630	20675.9	0.000219	10246.8	0.000673
17187_at	arginase	At4g08870	14981	0.000219	34642.9	0.000219
17215_at	trypsin inhibitor	At2g43550	3277	0.00418	4077.7	0.000468
17252_at	somatic embryogenesis receptor-like kinase	At4g33430	7979.2	0.003585	5001.3	0.000959
17269_at	non-LTR retroelement reverse transcriptase	At2g05980	2219.7	0.039365	2354.7	0.004863
17292_at	amino acid permease 6	At5g49630	3741.1	0.000959	2052.2	0.004863
17300_at	NADPH-ferrihemoprotein reductase	At4g30210	5853.8	0.008689	2434.6	0.05447
17303_s_at	WRKY-type DNA binding protein	At2g38470	20856.5	0.000266	4974.4	0.000219
17373_at	putative auxin-responsive protein	At2g46370	5681.2	0.000805	2617	0.000959
17374_at	putative 60S ribosomal protein L17	At1g27400	7079.1	0.013092	4738.9	0.024711
17375_at	poly(A) binding protein	At2g15500	1671.4	0.035163	1953.1	0.031336
17380_at	Unknown protein	At4g34180	2467.9	0.031336	2572.9	0.035163
17381_at	Unknown protein	At4g36500	88528.4	0.000219	38219.9	0.000266
17383_at	Unknown protein	At4g28770	5803	0.002228	6461.2	0.002617
17384_at	Unknown protein	At4g23630	37474.1	0.000266	7936.1	0.001602
17385_at	Unknown protein	At4g25570	11300.2	0.001892	9450.8	0.000219
17389_at	Unknown protein	At4g37830	43535.5	0.000388	57349.6	0.000219
17390_at	no hits		28744.8	0.001354	44353.9	0.000219
17391_at	Unknown protein	At4g25670	74947.6	0.000266	11746.4	0.000322
17392_at	phenylalanine ammonia-lyase	At3g53260	8359.9	0.000673	5914.9	0.000959
17393_at	Rubisco subunit binding-protein	At1g55490	12591.6	0.000266	5097.2	0.002228
17394_s_at	glyceraldehyde-3-phosphate dehydrogenase	At1g42970	56736.1	0.000322	68864.9	0.000219
17395_s_at	aspartate aminotransferase	At4g31990	3912.6	0.001141	2935.6	0.009985
17399_at	DEAD/DEAH box RNA helicase	At2g45810	1305.5	0.039365	2624.9	0.006532
17411_s_at	thylakoid-bound ascorbate peroxidase	At1g77490	3208.5	0.000805	5851.5	0.000322
17413_s_at	peroxidase	At5g64120	14020.4	0.000266	5350.3	0.00418
17414_at	E2, ubiquitin-conjugating enzyme 8	At5g41700	51982.4	0.000266	47778.8	0.000266
17415_at	ARR1 protein	At3g16857	2591.4	0.00418	5479.1	0.011447
17416_at	ankyrin-like protein	At1g04430	2885.4	0.001602	3010.8	0.001141
17420_at	aminomethyltransferase-like precursor	At1g11860	10306.3	0.000388	9928	0.002228
17421_s_at	E2, ubiquitin-conjugating enzyme 6	At2g46030	18058.5	0.000219	22793.5	0.000219
17427_at	E2, ubiquitin-conjugating enzyme 4	At5g41340	2097.4	0.043968	4571.1	0.000562
17429_at	translation initiation factor	At4g27130	14919.7	0.000219	5863.4	0.000959
17430_s_at	ubiquitin-like protein	At4g26840	9047.7	0.001141	15587.9	0.000673
17433_at	uridine diphosphate glucose epimerase	At1g12780	2556.9	0.004863	12736.5	0.000388
17435_at	spliceosomal protein WD-40 repeat protein	At2g33340	7778.5	0.000388	6579.7	0.000219
17436_at	nuclear transport factor	At1g27310	15235.3	0.000805	10802.6	0.000266
17438_at	spermidine synthase	At1g70310	19220.8	0.000219	55134.1	0.000219
17439_g_at	spermidine synthase	At1g70310	2333.9	0.024711	3167.9	0.000388
17441_s_at	Unknown protein	At1g78860	17114.2	0.000219	8282.5	0.000219
17442_i_at	glycoprotein	At1g78850	17964	0.001953	8935.1	0.001953
17443_at	protein phosphatase 2C	At2g20630	8732.4	0.006532	2413.4	0.02786
17447_at	unknown protein	At2g20230	3295.2	0.024711	8141.8	0.000959
17450_s_at	NADH dehydrogenase	At1g79010	8436.4	0.006532	5789.6	0.011447
17454_at	30S ribosomal protein	At2g33800	3872.3	0.000805	8889.1	0.000266
17456_at	putative steroid dehydrogenase	At2g33630	2286.2	0.048995	2173.4	0.017001
17457_at	oxidoreductase	At4g13010	13239.6	0.001354	14042.2	0.000468
17458_at	unknown protein	At2g37110	18365	0.000266	7859.6	0.000959
17459_at	Unknown protein	At4g38800	4359.8	0.014937	8547.3	0.000468

17465_at	poly(A) binding protein	At2g23350	2143.2	0.006532	1688.6	0.019304
17466_s_at	alpha-tubulin	At1g64740	5993	0.000266	4569.8	0.000219
17467_at	shaggy related protein kinase	At3g05840	5576.5	0.002228	3211.8	0.001602
17468_at	cellulose synthase catalytic subunit	At5g64740	16119.2	0.000805	8073.1	0.002617
17470_at	RNA helicase	At3g19760	6275.6	0.000562	3429.4	0.001354
17471_at	stearyl-ACP desaturase	At2g43710	8259.4	0.000673	8585	0.000322
17473_at	calnexin	At5g61790	3541.1	0.006524	3891.4	0.002617
17482_at	ras-related small GTP-binding	At4g17530	10221	0.000388	9180.8	0.000266
17483_at	casein kinase I	At5g43320	2415.7	0.006532	3313.9	0.001354
17488_at	aquaporin	At2g25810	3554.3	0.007543	3599.8	0.048995
17499_s_at	cyclic nucleotide-regulated ion channel	At2g46430	7807	0.002617	13229.9	0.011447
17506_s_at	phytoene dehydrogenase precursor	At4g14210	6529.5	0.002228	5392.2	0.002228
17526_s_at	lipoyltransferase	At1g04640	2899.3	0.001354	4299.2	0.000266
17532_at	TATC-like protein	At2g01110	19962.1	0.000673	14698.6	0.000219
17537_s_at	3-phosphoserine phosphatase	At1g18640	1670.2	0.003585	2481.5	0.000562
17552_s_at	E3 ubiquitin ligase	At4g03510	3779.3	0.002617	5066.2	0.006532
17560_s_at	expansin AtEx6	At2g28950	2596.3	0.043968	3044.7	0.043968
17563_g_at	unknown protein	At2g29700	5522.8	0.000468	2523.1	0.002228
17564_s_at	mercaptopyruvate sulfurtransferase	At1g79230	3549.1	0.014937	2524.9	0.003585
17565_s_at	mercaptopyruvate sulfurtransferase	At1g16460	7558.3	0.000322	19227.1	0.000266
17568_at	dihydrolipoamide S-acetyltransferase	At3g25860	3380.5	0.008689	2976.4	0.017001
17579_s_at	phytochelatin synthase	At5g44070	11313.6	0.000219	4998.9	0.003067
17580_at	putative gigantea protein	At1g22770	6925.3	0.008689	3940	0.011447
17592_at	no hits		2310	0.002228	3506.6	0.003067
17595_s_at	beta-alanine-pyruvate aminotransferase	At2g38400	4686.2	0.001892	4866	0.000219
17596_at	root cap 1 (RCP1)	At5g17520	4660.7	0.004863	2585	0.039365
17600_s_at	allene oxide synthase	At5g42650	14094	0.000562	6792.8	0.013092
17732_at	aldehyde dehydrogenase	At4g34240	4444.9	0.002228	1890.1	0.021866
17808_at	GTP-binding - like protein	At4g39520	2394.9	0.048995	2311.5	0.00418
17840_at	endochitinase isolog	At2g43570	5599.8	0.001354	4065.3	0.001141
17857_at	cytoplasmic aconitate hydratase	At2g05710	3327.6	0.007543	4207.4	0.000959
17858_at	AP2 domain containing protein	At1g53910	16623.6	0.000468	7250.5	0.001602
17870_at	60S ribosomal protein L31	At2g19740	4513	0.000673	8799.7	0.005643
17875_at	Unknown protein	At4g00355	2864.3	0.013092	5310.6	0.019304
17878_at	pectinacetyltransferase	At4g19410	15865.8	0.000266	11276	0.000388
17881_at	WRKY-type DNA-binding protein	At2g23320	21047.4	0.000219	15430.2	0.000266
17882_at	PROTEIN TRANSPORT PROTEIN	At4g24920	140583.4	0.000219	91242.9	0.000219
17892_at	AtOXA1	At5g62050	2690	0.031336	2231.4	0.008689
17894_at	unknown protein	At2g18690	16948.6	0.000388	10554.2	0.000266
17897_at	Unknown protein	At4g26690	3231.5	0.043968	2705.3	0.021866
17899_at	Unknown protein	At4g15610	21515.9	0.001354	10532.8	0.008689
17900_s_at	unknown protein	At1g09070	73034.9	0.000219	28728.5	0.000388
17904_at	Unknown protein	At4g09830	3621.2	0.008689	3577.4	0.008689
17905_at	unknown protein	At1g54320	4901.2	0.005643	3127.7	0.048995
17906_at	DEAD/DEAH box RNA helicase	At5g62190	3523.2	0.011447	2449.8	0.021866
17908_at	unknown protein	At2g27730	4506.8	0.001141	5385.4	0.002228
17909_at	unknown protein	At1g62480	3376.5	0.001602	6396.2	0.001354
17910_at	60S acidic ribosomal protein P2	At2g27710	21686.1	0.000219	42856.7	0.000219
17913_at	Unknown protein	At4g37300	7393.5	0.004863	27485.3	0.000562
17917_s_at	calcium binding protein (CaBP-22)	At2g41090	6110	0.000959	16684.8	0.000562

17921_s_at	shaggy-like protein kinase	At4g18710	6157.8	0.009985	5720.8	0.031336
17924_at	calnexin homolog	At5g07340	3336	0.00418	4241.7	0.017001
17925_at	malate oxidoreductase+B640	At4g00570	1637.9	0.048995	2020.8	0.043968
17931_at	intrinsic protein 1c	At4g23400	13077.6	0.001141	44019.8	0.000266
17934_at	translation initiation factor eIF-2	At1g04170	2899.6	0.000388	2686.7	0.02786
17938_at	histone H3	At5g65360	2691.9	0.02786	2507.4	0.007543
17947_at	acyl carrier	At4g25050	31841.2	0.000219	71253.4	0.000219
17949_s_at	GTP-binding RAB2A like protein	At4g17170	14206.4	0.000468	18199.8	0.000673
17952_at	no hits		7587.3	0.002617	5973.3	0.009985
17953_at	inorganic phosphatase	At4g01480	3303.1	0.013092	2749.4	0.02786
17955_at	small GTP-binding protein	At4g19640	4969.2	0.000673	6254.7	0.000219
17957_at	acetone-cyanohydrin lyase	At2g23600	17423.5	0.000219	31139.1	0.000219
17962_at	citrate synthase	At2g42790	3132	0.011447	2113.3	0.008689
17985_at	alpha-soluble NSF	At3g56190	2346.8	0.003067	1575.8	0.039365
17986_s_at	protein gamma-SNAP protein	At4g20410	1955.9	0.02786	4174.3	0.003067
17987_at	calmodulin 7	At3g43810	5963.3	0.000673	4801.4	0.004863
17990_at	calmodulin calmodulin	At3g51920	5778.1	0.017001	6936.4	0.003585
17991_g_at	calmodulin calmodulin	At3g51920	5073.6	0.003067	12006.5	0.000673
17993_at	metal ion transporter	At1g80830	1895.9	0.024711	1752.9	0.035163
17994_r_at	no hits		9112.5	0.002617	25385.2	0.000266
17995_s_at	vacuolar membrane ATPase subunit G	At3g01390	2690.8	0.005643	4125.4	0.003585
17996_at	methylenetetrahydrofolate reductase	At3g59970	7074.7	0.003585	2524.3	0.011447
18000_s_at	putative protein translocase	At2g37410	16187	0.001141	10722.4	0.000219
18002_at	fibrillarin 1 (AtFib1)	At5g52470	9674.5	0.002228	16673.1	0.001141
18003_at	disease resistance protein	At1g72930	14491.5	0.001602	40684.2	0.000219
18004_at	fructose-2,6-bisphosphatase	At1g07110	10144.4	0.001141	3554.7	0.007543
18009_s_at	glutathione peroxidase	At2g25080	15806.6	0.000322	21618.6	0.000322
18011_s_at	Rab GDP dissociation inhibitor	At3g59920	28390.4	0.000322	35322.2	0.000266
18018_s_at	cysteine synthase AtcysC1	At3g61440	8041.6	0.001141	7889.5	0.002617
18019_s_at	chloroplast Cpn21 protein	At5g20720	14017	0.001602	27678.7	0.000468
18021_at	glucose-6-phosphate 1-dehydrogenase	At3g27300	5234.9	0.003585	2807.2	0.019304
18023_s_at	cysteine synthase	At5g28020	1904.8	0.021849	2161.9	0.007543
18024_s_at	tyrosine decarboxylase	At2g20340	5560.7	0.006532	4542	0.009985
18025_at	putative cysteine synthase	At3g04940	4959.7	0.000219	8998.4	0.000219
18032_i_at	no hits		19346.1	0.000977	13633.3	0.000977
18033_r_at	no hits		10011.8	0.001602	4424.8	0.000562
18034_s_at	unknown protein	At2g47080	4492.8	0.006532	5497.3	0.021866
18047_at	dehydrogenase	At1g53240	7337.3	0.011447	10268.4	0.003585
18052_s_at	complex	At3g50820	40215.5	0.000219	114668.2	0.000219
18053_s_at	photosystem II Core Complex	At1g67740	93875.5	0.000219	153480.9	0.000219
18062_at	no hits		8572.2	0.005643	3598.4	0.001141
18063_i_at	no hits		5846	0.002886	14509.9	0.002325
18071_at	transcription factor	At1g17880	9983	0.002228	8334.1	0.017001
18072_at	complex	At4g03280	235355.7	0.000219	143659.7	0.000219
18073_g_at	component of cytochrome B6-F complex	At4g03280	170712.3	0.000266	118021.5	0.000219
18074_at	ferredoxin-NADP+ reductase	At5g66190	20102.7	0.001141	26596.3	0.000562
18075_r_at	H+-transporting ATP synthase	At4g32260	210984.4	0.000468	168762.4	0.000219
18076_s_at	H+-transporting ATP synthase chain 9	At4g32260	59647.2	0.000266	124842.1	0.000219
18077_at	photosystem I subunit III precursor	At1g31330	45977.6	0.000219	119019.9	0.000219
18078_at	photosystem I subunit V precursor	At1g55670	100007	0.000219	169718.8	0.000219

18079_g_at	photosystem I subunit V precursor	At1g55670	342515.2	0.000219	375000.8	0.000219
18080_at	photosystem I subunit VI precursor	At3g16140	162042.7	0.000219	234260.1	0.000219
18081_at	photosystem I subunit VI precursor	At1g52230	48360.8	0.000219	127196.8	0.000219
18082_at	photosystem I subunit X precursor	At1g30380	248143	0.000219	452964.9	0.000219
18083_r_at	photosystem I chain XI precursor	At4g12800	20190.8	0.000468	49454.1	0.000219
18084_s_at	photosystem I chain XI precursor	At4g12800	441669	0.000219	467543.1	0.000219
18085_r_at	precursor	At4g02770	55225.9	0.000673	198030.7	0.000219
18086_s_at	precursor	At4g02770	17747.1	0.000219	98171.6	0.000219
18087_s_at	precursor	At1g03130	7313.1	0.004863	35750	0.000322
18088_i_at	photosystem I subunit PSI-E	At4g28750	86548.1	0.000944	253458.2	0.000491
18089_r_at	photosystem I subunit PSI-E	At4g28750	11818.9	0.002617	48613.2	0.000219
18090_s_at	photosystem I subunit PSI-E	At4g28750	304042.9	0.000266	541795.3	0.000219
18211_s_at	arginine methyltransferase	At4g29510	1921.7	0.031314	3423.7	0.011447
18216_at	no hits		4625.1	0.000388	3425.5	0.000219
18217_g_at	salt-tolerance zinc finger protein	At1g27730	38095.6	0.000219	6369.1	0.001354
18219_at	salt-tolerance protein	At1g06040	9218.1	0.000388	21472.2	0.000266
18220_s_at	RNA-binding protein	At1g09340	17546.1	0.000388	9506.6	0.000562
18221_at	40S ribosomal protein S30	At2g19750	13658.8	0.000322	10840.6	0.000673
18222_at	bZIP transcription factor	At2g18160	4854.6	0.001892	2313.4	0.019304
18225_at	60S ribosomal protein L14	At2g20450	2656	0.006532	4426.3	0.003067
18227_at	unknown protein	At2g25430	5571.3	0.00418	3953.4	0.035163
18228_at	lectin	At3g15356	10441.7	0.002617	10012.7	0.000959
18230_at	symbiosis-related like protein	At4g16520	8448.9	0.011447	30811.2	0.000673
18238_at	unknown protein	At1g22750	4365.4	0.004863	7356.9	0.000266
18239_g_at	unknown protein	At1g22750	10460.7	0.000468	23820.2	0.000805
18240_s_at	putative PHD-type zinc finger protein	At2g02470	2004.2	0.021866	2402.5	0.006532
18243_at	peptide methionine sulfoxide reductase	At5g07470	2733.3	0.039365	9081	0.000959
18244_g_at	peptide methionine sulfoxide reductase	At5g07470	3729	0.005643	3269.8	0.021866
18245_s_at	unknown protein	At3g26580	14917.2	0.000959	19658.7	0.000219
18247_at	CL9	At3g44890	12313.5	0.000266	24050.1	0.000266
18250_at	quinone oxidoreductase	At5g16990	4538.2	0.001602	3499.4	0.001892
18251_at	nuclear antigen homolog	At4g16830	3174	0.001602	3047.7	0.008689
18252_at	protein 24 kDa seed maturation protein	At4g11220	6636.9	0.003067	3083.1	0.00418
18253_s_at	12-oxophytodienoate reductase	At1g76680	46569.8	0.000219	5094.8	0.000322
18255_at	unknown protein	At2g38860	3099.7	0.00358	2407.1	0.001602
18256_at	unknown protein	At2g40060	4086.5	0.02786	3796.1	0.001141
18257_at	phosphatidylinositol synthase	At1g68000	2848.4	0.05447	5904.7	0.000959
18262_at	unknown protein	At2g43170	4975.1	0.003067	3914.3	0.000673
18263_at	unknown protein	At2g18680	5663.5	0.00418	3579.9	0.031336
18264_at	unknown protein	At2g26500	31090.4	0.000219	78201.9	0.000219
18267_at	unknown protein	At2g32210	41146.1	0.000266	17622.6	0.000673
18270_at	unknown protein	At2g30930	3578.8	0.048995	13037.4	0.007543
18273_at	cold acclimation protein	At3g50830	9813.5	0.000219	9147.6	0.000266
18274_s_at	50S ribosomal protein L15	At3g25920	9103.1	0.001354	33365.3	0.000219
18276_at	unknown protein	At1g03600	23086.8	0.000219	71642	0.000219
18280_at	unknown protein	At1g21000	3999.5	0.001892	2346.7	0.031336
18281_at	L5 ribosomal protein	At4g01310	3628.8	0.00418	5032.6	0.001892
18283_at	ribosomal protein L28	At2g19730	5526.7	0.003067	8901.9	0.000673
18284_at	precursor	At4g34150	3097.8	0.001602	3872.5	0.017001
18285_at	Unknown protein	At4g33250	5959.2	0.000266	8171.1	0.000322

18286_at	protein Vps29	At3g47810	2759.8	0.009985	3142.1	0.003585
18287_at	unknown protein	At2g37940	5107	0.001892	6143.1	0.000959
18288_at	50S ribosomal protein L3	At2g43030	10479	0.000805	23371.6	0.000219
18290_at	unknown protein	At1g49500	11977.8	0.000266	7002.3	0.000219
18300_at	CALMODULIN-RELATED PROTEIN	At5g37770	4016.9	0.008689	4076.4	0.000673
18301_s_at	fructose-bisphosphate aldolase	At4g26520	10287.1	0.005643	4656.1	0.005643
18303_at	unknown protein	At4g16143	4059.2	0.001141	3763.1	0.000219
18304_s_at	MAP kinase (ATMPK6)	At2g43790	3484.8	0.009985	5635	0.007543
18306_at	protein ch-42 precursor	At4g18480	6519.9	0.000388	17312.3	0.000219
18309_s_at	protein phosphatase 2C	At2g25070	2385.2	0.008689	4936.1	0.000673
18311_at	pectinesterase	At1g53840	4616.9	0.009985	5170.2	0.000562
18313_at	protochlorophyllide reductase	At1g03630	4335.3	0.001141	3420.2	0.002228
18314_i_at	beta-glucosidase	At4g27830	4557.4	0.003799	2180.5	0.015454
18315_s_at	beta-glucosidase	At4g27830	8238.5	0.000219	4620.8	0.000562
18330_at	acyl-CoA synthetase	At4g23850	26085	0.000468	4621.4	0.004863
18331_s_at	RNA helicase	At5g26742	9481	0.000266	4194.6	0.006532
18439_s_at	phosphate transporter	At3g26570	4830.9	0.006532	3388	0.043968
18487_at	farnesyltransferase beta subunit	At5g40280	2872.8	0.004857	3499	0.008689
18508_at	glutamate decarboxylase	At2g02010	5691.3	0.014937	2378.4	0.019304
18521_at	acetolactate synthase	At3g48560	5020.5	0.002228	6218.1	0.000468
18548_s_at	PRL1 protein	At4g15900	6761.5	0.007543	3981.3	0.006532
18550_at	E2, ubiquitin-conjugating enzyme 7	At5g59300	4120.1	0.002228	6053.7	0.000805
18556_at	cyclophilin	At2g21130	13605.8	0.000266	1944.5	0.024711
18560_at	similar to 14KD proline-rich protein	At1g62510	4177.3	0.00868	9891.1	0.001141
18561_at	cystatin	At5g12140	4769.5	0.014937	6298.2	0.001892
18565_i_at	photoreceptor	At4g08920	6470	0.000977	7129.8	0.000977
18566_s_at	photoreceptor	At4g08920	4618.6	0.002617	3814.9	0.039365
18572_at	26S proteasome regulatory subunit	At2g20580	3777.7	0.009985	4149.9	0.001602
18573_at	acidic ribosomal protein p1	At4g00810	14265.5	0.000219	33927.3	0.000219
18579_at	putative tropinone reductase	At2g29310	2477.4	0.009985	4029.6	0.005643
18580_at	glutathione transferase AtGST 10	At5g41210	7689.8	0.006532	12229.4	0.001892
18588_at	Unknown protein	At4g35250	1510.5	0.006532	4348.4	0.00418
18591_at	unknown protein	At5g08790	16156.8	0.001141	3209.3	0.039365
18594_at	Unknown protein	At1g01470	284899	0.000219	117245.2	0.000219
18595_at	60S ribosomal protein L38	At2g43460	3958.4	0.006532	7419.4	0.000805
18601_s_at	microtubule-associated protein	At2g45170	25361.4	0.000562	67131.7	0.000388
18604_at	unknown protein	At4g02380	32816.5	0.000959	22832	0.000673
18605_s_at	Unknown protein	At4g22820	23912.4	0.000468	5305.5	0.003067
18610_s_at	20S proteasome beta subunit	At1g21720	4714.7	0.003585	7520.7	0.009985
18612_s_at	no hits		7500.1	0.000468	3954	0.001602
18613_s_at	protein-methionine-S-oxide reductase	At4g25130	10416.7	0.000322	12389.8	0.000219
18614_at	no hits		26289.8	0.000388	40172.7	0.000388
18621_at	V-ATPase subunit G (vag2 gene)	At4g23710	1386	0.048995	2485.7	0.001354
18622_g_at	V-ATPase subunit G (vag2 gene)	At4g23710	2934.2	0.00418	3544.2	0.000673
18624_at	unknown protein	At2g39570	1918.4	0.006532	2615.7	0.002617
18626_at	Unknown protein	At4g00780	5619.1	0.000219	2354.5	0.039365
18627_s_at	protein transport protein	At2g30050	4923.2	0.000673	3522.4	0.000805
18629_s_at	remorin	At2g45820	33258.7	0.000388	18164.8	0.000219
18634_at	Unknown protein	At4g17560	2102.6	0.014923	3524.7	0.001354
18638_at	unknown protein	At4g01050	4484	0.003067	15480	0.000322

18644_at	unknown protein	At2g35260	8290.9	0.000673	13374.8	0.000219
18645_at	unknown protein	At2g35680	6745.5	0.000266	4662.4	0.001354
18646_at	unknown protein	At1g10590	2756.6	0.001892	6414	0.000673
18650_s_at	stress-induced protein	At4g00860	14479.5	0.000468	13862.4	0.000388
18651_at	stress-induced protein OZI1 precursor	At4g00860	13460.2	0.000468	26400.8	0.000219
18652_at	Unknown protein	At1g70160	3323.1	0.003585	3871	0.000959
18653_s_at	succinyl-CoA ligase beta subunit	At2g20420	3637.3	0.011447	3902.8	0.001141
18655_at	unknown protein	At2g42210	7266.7	0.000266	12464.7	0.000322
18656_at	unknown protein	At2g01590	2588.3	0.048995	5677.7	0.005643
18659_at	unknown protein	At5g45350	20390.3	0.000266	20496.5	0.000219
18661_at	Unknown protein	At4g26710	17108.9	0.000388	54267.9	0.000219
18662_s_at	Unknown protein	At4g24160	5544.1	0.002228	2932.6	0.039365
18666_s_at	IV	At2g20260	39975	0.002228	70917.3	0.000219
18672_s_at	envelope Ca ²⁺ -ATPase	At1g27770	4756.3	0.001141	8547.7	0.006532
18673_at	unknown protein	At4g36645	14297.8	0.000562	6768.8	0.002617
18677_at	30S ribosomal protein S17	At1g79850	24639.2	0.000322	28894.2	0.000388
18678_at	peptidylprolyl isomerase ROC4	At3g62030	69991.6	0.000266	163257.1	0.000219
18679_s_at	metallothionein-like protein	At1g07600	330760.6	0.000219	262065.5	0.000219
18680_s_at	omega-3 fatty acid desaturase	At3g11170	3485.3	0.005643	3587.6	0.002228
18681_at	ER lumen protein retaining receptor	At1g29330	2774.1	0.006532	1883.8	0.013092
18682_s_at	GTP-binding protein	At2g44610	3655.8	0.003067	5189.1	0.001141
18683_s_at	omega-3 fatty acid desaturase	At5g05580	5502.3	0.000219	1502	0.001354
18685_at	chloroplast omega-6 fatty acid desaturase	At4g30950	10251	0.001892	15708.6	0.000219
18686_at	inner mitochondrial membrane protein	At1g72750	6393.1	0.005636	5553.2	0.006532
18687_at	pyruvate dehydrogenase e1 alpha subunit	At1g59900	28068.8	0.000219	28665.9	0.000219
18688_at	no hits		8179	0.000266	19534.4	0.000219
18689_s_at	preprotein translocase	At2g18710	9773.3	0.008689	11099.1	0.001602
18690_at	cell division protein FtsZ chloroplast	At5g55280	3667.5	0.006532	4270	0.006532
18692_at	unknown protein	At5g49440	5437.9	0.011447	6699.2	0.007543
18694_s_at	chloroplast membrane protein	At2g28800	16095.4	0.000322	16138.6	0.000219
18695_s_at	hydrolase)	At2g43430	2642.1	0.000562	5076.8	0.000322
18698_s_at	citrate synthase	At2g44350	4746.9	0.001892	3786.9	0.000266
18699_i_at	cold-regulated protein COR6.6 (KIN2)	At5g15970	344384.2	0.000244	170293.5	0.000244
18700_r_at	cold-regulated protein COR6.6 (KIN2)	At5g15970	699782.7	0.000219	186284.1	0.000219
18701_s_at	cold and ABA inducible protein kin1	At5g15960	734830.3	0.000219	213711.1	0.000219
18702_at	light-inducible protein ATLS1	At5g01650	8403.5	0.000468	18579.4	0.000322
18706_s_at	adenosine phosphosulfate kinase	At2g14750	8505.9	0.000266	4633.7	0.000562
18708_at	ripening-related protein+B895	At5g62350	21986.5	0.000673	13896.7	0.000322
18710_at	NADH dehydrogenase (ubiquinone)	At5g11770	10579.6	0.000266	16744	0.000219
18711_at	NADH dehydrogenase	At1g79010	3596.8	0.001141	11014.9	0.000219
18712_g_at	NADH dehydrogenase	At1g79010	9878.9	0.001354	10193.8	0.000805
18713_at	mitochondrial elongation factor Tu	At4g02930	2328.7	0.039365	4026.3	0.000805
18719_r_at	no hits		3031.6	0.009985	17313.7	0.000805
18720_s_at	snap25a	At5g61210	8779.7	0.001141	5865.2	0.001354
18722_s_at	chloroplast FtsH protease	At1g50250	8495.2	0.00418	9424	0.000805
18726_s_at	signal peptidase I	At2g30440	8909.2	0.000468	8110.9	0.000219
18728_at	dehydrogenase	At3g47520	2324.7	0.002617	1898.9	0.017001
18729_at	unknown protein	At1g20693	40367.2	0.000219	74009	0.000219
18730_at	calmodulin-4	At1g66410	15404.9	0.000219	27708.5	0.000219
18731_at	calmodulin 7	At3g43810	16825.7	0.000388	52337	0.000266

18732_i_at	ribosomal protein precursor	At5g14320	172978.6	0.000977	240740.3	0.000977
18733_r_at	ribosomal protein precursor	At5g14320	15655.6	0.000322	40665.1	0.000219
18734_s_at	ribosomal protein precursor	At5g14320	9932.5	0.002617	23768.4	0.000468
18735_s_at	gamma-glutamylcysteine synthetase	At4g23100	4650.5	0.000388	3308.9	0.000805
18736_at	50S ribosomal protein L21 chloroplast precursor	At1g35680	9832.9	0.000388	28296.2	0.000219
18762_at	Unknown protein	At4g02490	3357.4	0.05447	4619.3	0.003067
18769_at	translation initiation factor eIF-2B	At2g05830	3494.6	0.001354	4416	0.031336
18800_at	potassium transporter	At1g60160	2636.1	0.039365	2350.6	0.006532
18813_s_at	phosphoribosyl pyrophosphate synthetase	At2g44530	2797.1	0.001141	3391.4	0.001354
18874_at	unknown protein	At1g27290	29188.5	0.000388	16104.7	0.000562
18880_at	3-isopropylmalate dehydrogenase	At1g80560	3645.8	0.009985	2640.4	0.001354
18882_at	no hits		23257.6	0.00418	27435.1	0.000562
18883_g_at	3-isopropylmalate dehydratase	At2g43090	4450.6	0.002617	6071.8	0.000959
18886_at	unknown protein	At2g31670	2346.1	0.05447	4854.1	0.014937
18892_at	Unknown protein	At4g39300	5781.4	0.002617	10207.8	0.00418
18897_at	putative tyrosine decarboxylase	At2g20340	3746.4	0.035163	3002.3	0.024711
18898_s_at	NADPH-ferrihemoprotein reductase	At4g24520	3783.3	0.001354	4183.3	0.017001
18905_at	subunit	At4g39080	13264.9	0.000219	7055.7	0.000562
18907_s_at	flavanone 3-hydroxylase+B282	At3g51240	9520.9	0.000388	3054.1	0.007543
18929_s_at	synthase)	At5g13930	51537.5	0.000388	27110.9	0.000266
18933_at	putative ferritin	At2g40300	6619.2	0.001354	7939.4	0.000322
18934_g_at	ferritin	At2g40300	2236.5	0.019304	2106.8	0.001354
18937_at	casein kinase I	At4g14340	10067.9	0.001354	8799.4	0.013092
18940_at	GTP-binding protein	At1g02130	17532.8	0.000219	11250.2	0.000219
18947_i_at	E2, ubiquitin-conjugating enzyme 11	At3g08690	2383.2	0.04219	5778.1	0.004816
18948_s_at	E2, ubiquitin-conjugating enzyme 11 (UBC11)	At3g08690	8282.4	0.006532	8169.6	0.003585
18954_at	cysteine proteinase inhibitor B	At2g40880	10523.1	0.001892	14395.9	0.000219
18958_s_at	unknown protein	At3g15410	2578.8	0.017001	1973.4	0.039365
18962_s_at	uricase subunit	At2g26230	4854	0.001354	10401.5	0.001141
18966_at	glutathione S-transferase	At2g29420	9358.5	0.000322	1558.7	0.014937
18967_s_at	calmodulin calmodulin	At3g51920	5672.4	0.001892	10251.3	0.000266
18971_at	phosphoglycerate mutase	At1g09780	3866.1	0.001602	2209.4	0.05447
18972_at	Unknown protein	At4g29060	4138	0.000672	1281.9	0.013092
18976_at	unknown protein	At1g08980	9651.9	0.002228	10290.6	0.000219
18977_at	glutathione S-transferase	At1g10360	4962.4	0.009985	3833.3	0.048995
18989_s_at	dnaJ protein homolog	At3g44110	38257.1	0.000388	10245.9	0.000468
18994_at	ferredoxin	At4g14890	2218.3	0.008689	3465.6	0.001892
19039_at	putative sugar transport protein	At1g08900	3397.8	0.006532	2556	0.000959
19075_at	ribonucleoprotein	At4g14300	4010.3	0.003585	3567.9	0.00418
19116_i_at	CDK-subunit I	At2g27960	5830	0.013378	17700.9	0.005297
19128_at	unknown protein	At1g09430	2488.8	0.014937	3356.1	0.00418
19131_at	vacuolar ATP synthase proteolipid subunit	At2g25610	10801.1	0.001141	9974.8	0.000805
19132_at	NADPH quinone oxidoreductase	At4g21580	3092.8	0.004863	2667.6	0.007543
19133_at	H+-transporting ATPase	At4g32530	17245.5	0.000388	11116.2	0.000805
19139_at	RUB1-conjugating enzyme	At4g36800	16604.1	0.000322	17652.5	0.000322
19169_g_at	transcription factor IIA large subunit	At1g07480	1868.5	0.048995	2147.3	0.014937
19171_at	putative trypsin inhibitor	At2g43510	5984.5	0.000673	8736.7	0.000388
19172_at	scarecrow-like protein	At1g50600	2222.5	0.006532	1565.8	0.02786
19176_at	protein RING zinc finger protein	At4g26400	4521.6	0.024711	10291.1	0.002228
19178_at	blue copper binding protein	At5g20230	105371.6	0.000219	101055	0.000219

19181_s_at	Unknown protein	At4g02380	180998.3	0.000219	176151.4	0.000219
19182_at	Unknown protein	At4g33050	16890.7	0.000959	2507.8	0.048995
19183_at	protein cylicin	At4g25210	6638.6	0.000673	5555	0.017001
19186_s_at	dehydrin Xero2	At3g50970	3562	0.002617	2736.2	0.008689
19189_at	copper chaperone	At4g38580	2789.1	0.014937	2495.5	0.039365
19190_g_at	farnesylated protein (ATFP6)	At4g38580	11413.3	0.000266	5422.2	0.02786
19191_at	shikimate kinase - like protein	At4g39540	1908.3	0.006532	3917.1	0.000322
19198_at	unknown protein	At1g67250	2654.1	0.024711	4975.2	0.000805
19200_s_at	vacuolar membrane ATPase subunit G	At3g01390	5031.8	0.001892	4163.3	0.003585
19204_s_at	pyrophosphate isomerase	At5g16440	2503	0.017001	3701.1	0.006532
19210_at	Unknown protein	At4g22330	2895.1	0.014937	3005.3	0.007543
19212_at	vesicle transport protein	At1g11890	3102.1	0.001602	2024.4	0.002617
19215_at	methyl chloride transferase	At2g43910	4907.9	0.000673	5879.6	0.000805
19224_at	phytochelatin synthetase	At5g60920	7041.1	0.000959	5334.6	0.003585
19227_at	DnaJ-like protein	At4g13830	5612.6	0.001354	11182.4	0.000468
19230_at	unknown protein	At1g62420	6940.9	0.001354	4135.1	0.017001
19231_at	unknown protein	At1g22700	2436.2	0.001602	6069.3	0.000388
19302_at	prohibitin	At2g20530	4151.1	0.007534	3510.8	0.003067
19359_at	Unknown protein	At4g32340	21614	0.000468	30143.7	0.000266
19362_at	unknown protein	At2g39000	3602.3	0.02786	6808.1	0.000805
19366_at	carnitine racemase	At4g14430	7881.5	0.000388	4656.2	0.000959
19369_at	unknown protein	At2g17120	16556.5	0.003906	8283.4	0.016113
19370_at	no hits		6125.3	0.001602	11797	0.001354
19373_at	unknown protein	At2g29670	6498.6	0.001602	5198.4	0.000322
19375_at	unknown protein	At2g15290	9773.2	0.000219	8752.2	0.000388
19376_at	protein	At2g17760	5107.8	0.003585	3364.9	0.019304
19401_at	unknown protein	At2g02050	6424.8	0.000562	10014.6	0.000219
19402_at	unknown protein	At2g04690	3818.9	0.02786	15275.2	0.000266
19403_at	unknown protein	At2g31490	4568	0.003585	11730.7	0.000805
19407_at	adenylate kinase	At2g39270	2997.7	0.019304	3217.5	0.007543
19409_at	unknown protein	At1g13245	1621.4	0.035163	1530.3	0.006532
19410_at	unknown protein	At1g47420	2418.8	0.024711	3895.8	0.001602
19411_at	unknown protein	At2g37970	7037.6	0.002617	15582.7	0.000959
19412_at	unknown protein	At1g21760	2108	0.009985	1665.4	0.00418
19422_at	putative heat shock protein	At2g04030	5021.5	0.007543	8275.5	0.009985
19426_s_at	no hits		7643.3	0.001141	6813.9	0.002617
19433_at	serine/threonine kinase	At4g23270	23189.7	0.000673	7689.9	0.000959
19446_i_at	mannose 6-phosphate reductase	At2g21250	3463.7	0.009283	5491.8	0.002607
19447_s_at	mannose 6-phosphate reductase	At2g21250	4838.4	0.001354	3354.6	0.002617
19450_at	sucrose transport protein	At1g71880	4044.6	0.004863	5688.1	0.000805
19463_s_at	2-dehydro-3-deoxyphosphoheptonate aldolase	At4g39980	7311.7	0.000266	3220.9	0.009985
19464_at	MAP kinase	At2g01450	3042.2	0.0016	2982.5	0.008689
19470_at	RNase L inhibitor-like protein	At4g19210	2573.2	0.02786	2532.7	0.035163
19545_at	rubredoxin	At1g54500	10040.1	0.000468	11657.1	0.001892
19569_at	unknown protein	At2g22400	3331.9	0.013092	2064.4	0.039365
19577_at	unknown protein	At1g65400	2227.9	0.048995	3901.4	0.019304
19591_at	IAA-amino acid hydrolase	At1g44350	17111.8	0.000322	4504.7	0.007543
19596_at	proteasome alpha subunit	At1g79210	2868.6	0.024711	6834.9	0.000673
19607_at	casein kinase II	At2g23080	1963	0.043968	3687.4	0.003067
19623_at	cytochrome C	At1g22840	17189.3	0.001602	24787.8	0.002617

19640_at	glutathione S-transferase	At2g29460	16090.3	0.000219	1804.4	0.011447
19642_at	cullin-like 1 protein+B581	At4g02570	3750.9	0.003067	2737	0.013092
19650_at	coatomer alpha subunit	At2g21390	3640.9	0.017001	2353.8	0.007543
19651_s_at	multicatalytic endopeptidase	At1g16470	2909.2	0.004863	8343	0.000388
19663_at	tropinone reductase	At2g29360	2983.3	0.001141	4768.2	0.001602
19665_at	defender against cell death protein	At1g32210	5106	0.003067	5661.8	0.000388
19674_s_at	disease resistance protein RPP8	At5g43470	3774.7	0.003585	846.8	0.039365
19677_at	glycine/proline-rich protein	At4g19200	48269.8	0.000219	45834.7	0.000219
19682_at	40S ribosomal protein S28	At5g64140	8219.6	0.021866	9817.2	0.017001
19686_at	putative HMG protein	At2g17560	2898.9	0.001354	2329.9	0.001602
19687_g_at	HMG protein	At2g17560	1855.6	0.019304	1600.9	0.019304
19690_s_at	eukaryotic peptide chain release factor subunit	At1g12920	3934.2	0.000322	5305.7	0.000266
19703_s_at	putative alpha NAC	At4g10480	4030.4	0.002617	5294.2	0.002617
19708_at	unknown protein	At2g23420	2719.1	0.014937	3522.4	0.009985
19710_s_at	unknown protein	At1g62430	8893.9	0.000322	6030.7	0.004863
19717_at	oligopeptide transporter	At4g10770	2142.8	0.048995	2091.5	0.048995
19720_at	gibberellin-regulated protein	At1g22690	5555.8	0.000805	4330.3	0.001141
19752_s_at	ABC transporter	At2g28070	4156.8	0.039365	3474.3	0.001602
19767_at	TINY-like transcription factor	At1g22810	13199.1	0.000219	2839.4	0.00418
19833_s_at	sulphite reductase	At5g04590	6965.5	0.002224	4729	0.000562
19843_at	Unknown protein	At1g61890	58771	0.000219	38557.5	0.000219
19848_s_at	calmodulin-like protein	At2g41100	393866.6	0.000219	353070.6	0.000219
19852_s_at	cytoplasmatic aconitate hydratase	At4g35830	28380.2	0.000266	24479.4	0.000219
19854_at	amine oxidase	At2g43020	4518.7	0.00418	2020.1	0.019304
19869_at	DNA-binding protein	At4g01250	7175.5	0.001892	3312.3	0.043968
19887_s_at	leucine zipper-containing protein	At3g56940	45855	0.000805	65971.9	0.000266
19892_at	protease inhibitor	At2g38870	267116.9	0.000219	44592.8	0.000219
19900_at	neoxanthin cleavage enzyme ncl	At3g63520	4878	0.007543	10402.7	0.000219
19902_at	unknown protein	At2g21340	3578.2	0.00418	2028	0.039365
19905_at	pectinacylesterase	At4g19420	2170.3	0.001354	2218.2	0.02786
19917_at	protein kinase 6	At5g58950	7806.8	0.000673	2589.4	0.008689
19919_i_at	unknown protein	At1g14910	10914.3	0.047363	14673.7	0.059082
19925_at	unknown protein	At2g43940	4017	0.007543	2128	0.014937
19932_at	protein phosphatase	At4g27800	74564.1	0.000219	42727.6	0.000266
19933_g_at	protein phosphatase	At4g27800	12296.2	0.000388	13041.7	0.000266
19940_at	endosomal protein	At2g01970	6518.4	0.000562	6501.5	0.001141
19946_at	unknown protein	At2g23810	29366.6	0.000388	58386	0.000219
19955_at	unknown protein	At2g32580	2073.9	0.011447	2134.2	0.021866
19956_at	unknown protein	At2g36630	3718.5	0.000219	2364.8	0.048995
19960_at	unknown protein	At4g21790	4737.4	0.001602	2151.3	0.009985
19963_at	unknown protein	At1g07320	32112.1	0.000266	89627.7	0.000266
19964_g_at	unknown protein	At1g07320	7949	0.003585	16585.4	0.000388
19969_at	ubiquinol--cytochrome-c reductase	At1g15120	3394.5	0.003585	6718.5	0.011447
19974_at	Unknown protein	At4g18930	5032.5	0.007543	4602.7	0.017001
19982_at	Unknown protein	At1g79270	1648	0.021866	2010.2	0.035163
19988_at	unknown protein	At2g01490	2548.3	0.013092	5045.3	0.000805
19989_at	unknown protein	At2g01220	1929.2	0.035163	1794.5	0.013092
19991_at	similar to harpin-induced protein	At2g35980	21608.7	0.000266	8284.4	0.003067
19996_at	glutamate-1-semialdehyde aminotransferase	At3g48730	3771.6	0.00418	6745.5	0.000673
19999_s_at	unknown protein	At2g46490	9544.6	0.013092	15548.7	0.009985

20001_at	unknown protein	At2g33220	5897	0.001141	9663.8	0.000673
20003_s_at	unknown protein	At2g45980	2950.6	0.013092	3521.5	0.009985
20008_at	protein ClpC protease	At4g25370	8109.8	0.014937	9278.1	0.007543
20009_at	Unknown protein	At4g14520	2027.4	0.024692	1717.4	0.021866
20012_g_at	unknown protein	At1g24240	3087.2	0.001354	5179.7	0.000673
20017_at	unknown protein	At2g44290	16449.8	0.017001	16385.9	0.019304
20023_at	RSH3 (RelA/SpoT homolog)	At1g54130	5171.6	0.002228	3374	0.011447
20024_s_at	unknown protein	At2g35810	13312.4	0.000266	17028.1	0.000266
20028_at	Unknown protein	At4g32130	4460.5	0.005643	2414.1	0.035163
20032_at	unknown protein	At1g27350	5005	0.00418	9029.2	0.000219
20037_at	unknown protein	At1g78890	5927.5	0.007543	7748.9	0.009985
20050_at	unknown protein	At2g37660	8410.6	0.000805	8111.4	0.001892
20057_at	unknown protein	At2g45740	5736.5	0.003067	6588.9	0.000468
20060_at	no hits		17420.4	0.000266	3026.4	0.013092
20062_at	unknown protein	At2g37240	2948.7	0.007543	1242.3	0.02786
20064_at	unknown protein	At1g09330	2333.8	0.024711	3279.9	0.001892
20066_at	unknown protein	At2g35840	1931.7	0.011447	2346.8	0.009985
20068_at	unknown protein	At2g01930	1878.8	0.007534	2083	0.02786
20142_at	extra-large G-protein	At4g34390	2093.4	0.013092	1390.5	0.02786
20150_at	Unknown protein	At5g27280	5295.9	0.013092	5888.1	0.001141
20151_at	glycine-rich protein	At4g36020	5302.2	0.001602	3138.8	0.009985
20162_s_at	2-cys peroxiredoxin	At3g11630	13395.6	0.002228	24732.1	0.000388
20164_at	chloroplast 50S ribosomal protein	At1g05190	9322.8	0.000673	14587.7	0.000219
20166_at	unknown protein	At2g33470	5080	0.003067	10049.1	0.00418
20167_i_at	synthase	At2g45300	4617.6	0.004883	3042	0.011719
20180_at	Unknown protein	At4g26320	7024.6	0.007543	14616.3	0.019304
20184_at	unknown protein	At1g30880	31410.3	0.011447	38842.5	0.002617
20185_at	glycine-rich	At2g17870	3649.9	0.003067	1686.7	0.007543
20189_at	unknown protein	At1g10140	6031.2	0.001892	1892.5	0.000959
20191_at	thioredoxin M	At2g15570	2489.8	0.014937	2981.8	0.009985
20197_at	Unknown protein	At3g52180	3330.6	0.006532	1577.9	0.043968
20204_at	Unknown protein	At4g31530	3722	0.004863	5043.6	0.001892
20206_at	Unknown protein	At3g47300	2193	0.00418	1703	0.035163
20207_at	minor allergen	At4g36750	1783.9	0.024711	3256.9	0.001602
20223_at	no hits		7831.3	0.001602	2027.2	0.031336
20227_s_at	myrosinase binding protein+B434	At1g52030	3106.5	0.048995	8466.6	0.000959
20238_at	no hits		15323.8	0.001354	7192.6	0.001141
20239_g_at	beta-fructofuranosidase 1	At3g13790	4963.6	0.002228	1935.7	0.048995
20244_at	aminopeptidase	At4g33090	3500.1	0.031336	2977.1	0.017001
20256_s_at	serine carboxypeptidase I	At2g22990	9934.5	0.001602	28505.8	0.000322
20261_at	protein phosphatase 2A	At3g25800	11559.6	0.000388	5264.9	0.000562
20273_at	RNA-binding protein (cp33)	At3g52380	2849.5	0.006532	4110.7	0.002617
20274_at	ethylene-response protein	At1g66340	2327.3	0.031336	1748.8	0.035163
20298_at	alpha subunit	At1g20950	1634.2	0.048995	1185.7	0.048995
20337_at	E2, ubiquitin-conjugating enzyme 3	At5g62540	10429.2	0.001602	13853	0.000219
20360_at	glutamyl-tRNA reductase	At1g58290	5388.7	0.00418	6554.5	0.001892
20361_s_at	phospholipid cytidyltransferase	At2g32260	2269.5	0.02786	1546.9	0.048995
20362_at	transcription factor	At1g71030	4635.6	0.004863	2872	0.001141
20369_s_at	ammonium transport protein	At4g13510	14483.1	0.000266	8032.7	0.000805
20378_g_at	ADP-ribosylation factor 3	At2g24765	5051.5	0.000266	9050.7	0.000219

20382_s_at	WRKY-type DNA binding protein	At2g30250	15415.5	0.000388	3021.2	0.000322
20387_at	methionine aminopeptidase	At2g44180	1527.6	0.043968	1484.8	0.017001
20405_at	no hits		2568.1	0.014937	1855.3	0.024711
20429_at	unknown protein	At4g14400	4359.4	0.008689	3647	0.008689
20434_at	glucan synthase	At2g36850	4922.4	0.003585	2818.3	0.05447
20438_at	glutathione S-transferase	At1g10370	25912.7	0.000562	3447.6	0.007543
20450_at	squalene monooxygenase	At5g24150	3987.6	0.001354	1885.7	0.031336
20456_at	AP2 domain transcription factor	At2g23340	7985.6	0.000219	3365.9	0.009985
20459_i_at	no hits		24701.1	0.000488	15857.3	0.000488
20460_s_at	AIM1 protein	At4g29010	2646.9	0.003585	1828.5	0.02786
20463_s_at	no hits		1930.1	0.017001	3665.1	0.014937
20467_at	Unknown protein	At4g04340	22634.2	0.000219	4816.5	0.003067
20468_at	proline-rich protein	At4g00170	4884.9	0.009985	5039.2	0.043968
20486_at	protein ubiquitin fusion degradation protein	At4g38600	2751.5	0.001602	1201.1	0.05447
20491_at	tropinone reductase	At2g29350	9285.3	0.001892	11071.4	0.001354
20495_s_at	Unknown protein	At4g21910	6494.6	0.003585	3605.1	0.014937
20510_at	ubiquitin fusion-degradation protein	At2g21270	6171.4	0.000388	5490.1	0.003585
20529_at	cysteine proteinase inhibitor	At4g16500	23407.3	0.000322	11321.2	0.000219
20531_at	putative transcription factor	At1g08970	3844.8	0.00418	2583.8	0.048995
20538_at	Unknown protein	At4g14230	3392.9	0.009985	3196.9	0.004863
20546_at	FtsH protease (VAR2)	At2g30950	12460.8	0.000468	15120.4	0.000388
20559_at	protein light induced protein homolog	At4g22310	19187	0.000388	43925.5	0.000266
20562_at	unknown protein	At1g51200	61284.8	0.000219	38422.7	0.000219
20588_at	carrier protein peroxisomal	At3g51870	2553.1	0.011447	2783.7	0.009985
20611_at	diacylglycerol kinase	At2g18730	2011.2	0.035163	2510.6	0.048995
20616_at	unknown protein	At2g32560	2466.3	0.048995	6174.3	0.000322
20617_at	AAA-type ATPase	At2g29080	2324.9	0.035163	1891.5	0.000673
20618_at	unknown protein	At2g27100	1850.1	0.00418	3289.5	0.007543
20619_at	putative C2H2-type zinc finger protein	At2g37430	2992.3	0.003062	1922.5	0.014937
20620_g_at	C2H2-type zinc finger protein	At2g37430	3015.3	0.031314	1566	0.039365
20621_at	unknown protein	At2g01710	2856.7	0.000673	1578.8	0.039365
20629_at	unknown protein	At2g04410	3070	0.003585	5921.4	0.000468
20636_at	Unknown protein	At4g17870	2299	0.05447	2046.9	0.009985
20639_at	heat shock protein	At4g37910	3032.2	0.031336	1222.2	0.011447
20640_s_at	glyceraldehyde-3-phosphate dehydrogenase	At1g42970	51898.5	0.000266	12177.9	0.000959
20644_at	phospholipid cytidyltransferase	At2g38670	4131.1	0.000959	3740.4	0.014937
20648_at	unknown protein	At2g34460	5423.7	0.003585	7801.6	0.003585
20650_i_at	proline transporter	At2g36590	5010.6	0.04974	2556	0.035595
20658_s_at	beta-carotene hydroxylase	At4g25700	3968.9	0.002228	5604	0.007543
20662_g_at	alanine--tRNA ligase	At1g50200	7912.6	0.000322	9042.5	0.000805
20668_at	methionine aminopeptidase	At2g45240	2058.2	0.007543	2674	0.011447
20674_s_at	no hits		2574.3	0.043968	2180.6	0.035163
20684_at	AIG2-like protein	At4g31310	2312.2	0.017001	2883.6	0.006532
20686_at	unknown protein	At3g16860	1835.9	0.02786	2103.7	0.005643
20688_at	glyoxalase I	At1g67280	7101.5	0.001602	13657.9	0.000388
20689_at	calcium binding protein	At2g43290	1731.9	0.017001	2078.6	0.039365
20694_s_at	no hits		5552.4	0.001141	5675.2	0.000562
20704_at	Unknown protein	At4g24750	4595.9	0.008689	18692.8	0.000562
20705_at	glutathione peroxidase	At4g31870	1780.5	0.005643	3164.4	0.035163
20709_s_at	reductase	At1g24360	28145.3	0.002617	35489.3	0.001141

20713_at	unknown protein	At1g21630	5472.1	0.000673	2024.8	0.007543
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aDescribes names of probe set on Affymeterix chip.

bArabidopsis Genome Initiative locus numbers.

c Signal value which assigns a relative measure of abundance of transcri

d Detection p-value which indicates whether a transcript is reliably detect