

**Supplemental Table 7** Probe sets in resistant barley that identify genes exhibiting a significantly 1 inoculated and non-inoculated samples (5% FDR).

Probeset	Inoc; <i>Mla6</i> poly vs. total			Non-inoc; <i>Mla6</i> poly vs. total		
	est	p-value	q-value	est	p-value	q-value
Contig3574_s_at	-2.4052	3.52E-08	0.000188	-2.3051	4.92E-08	0.00033
HV10A20u_s_at	-1.2154	3.82E-08	0.000188	-1.2203	3.70E-08	0.00033
Contig3414_s_at	0.2565	0.001619	0.029499	1.0064	8.21E-08	0.000367
HB18O02r_at	-3.4959	1.07E-08	0.000158	-2.4007	2.04E-07	0.000549
HZ50B24r_s_at	-1.0525	1.93E-07	0.000712	-1.0645	1.77E-07	0.000549
Contig6337_at	-1.6101	1.80E-06	0.002954	-1.9778	3.69E-07	0.000673
Contig2555_at	-1.197	4.07E-06	0.003208	-1.5911	4.61E-07	0.000673
Contig4722_at	-0.5786	1.16E-05	0.004639	-0.8751	5.01E-07	0.000673
Contig18277_at	0.7768	5.35E-05	0.007708	1.4893	4.04E-07	0.000673
Contig9699_at	0.5672	0.000115	0.009769	1.2104	4.07E-07	0.000673
Contig9724_at	-2.1885	1.52E-06	0.002808	-2.4812	5.79E-07	0.000707
Contig13895_at	-2.5172	3.79E-07	0.001121	-2.2702	8.42E-07	0.000754
HV_CEA0009O11f2_x_at	-2.1091	5.58E-07	0.001375	-2.0085	8.14E-07	0.000754
Contig2111_s_at	-1.7821	2.63E-06	0.002966	-2.0823	8.00E-07	0.000754
Contig16445_at	-1.1622	0.000311	0.015329	-2.6241	8.11E-07	0.000754
Contig3675_at	-2.4358	4.16E-06	0.003208	-2.9419	9.86E-07	0.000779
Contig721_s_at	-1.8767	4.56E-06	0.003208	-2.2973	9.76E-07	0.000779
HVSMEa0012N22r2_at	0.7494	2.36E-06	0.002966	0.8325	1.06E-06	0.000782
Contig12938_at	0.7034	5.52E-06	0.003314	0.869	1.11E-06	0.000782
Contig1483_at	0.391	0.000207	0.012681	0.7846	1.26E-06	0.000844
Contig16901_at	-1.7188	6.62E-06	0.003314	-2.0865	1.52E-06	0.000929
HD04N07u_at	-0.6731	3.21E-05	0.006957	-1.0151	1.49E-06	0.000929
Contig5329_at	-1.1609	3.46E-06	0.003199	-1.2753	1.70E-06	0.00099
Contig2113_at	-1.2883	0.000279	0.014602	-2.5112	2.20E-06	0.001232
Contig1071_s_at	-2.0081	3.27E-06	0.003199	-2.0665	2.63E-06	0.00137
Contig5847_at	-1.1858	3.86E-05	0.006957	-1.7002	2.65E-06	0.00137
Contig12441_at	-1.0595	3.91E-06	0.003208	-1.1065	2.81E-06	0.0014
Contig2403_at	-1.2039	3.08E-05	0.006957	-1.6338	3.18E-06	0.001474
Contig7373_s_at	0.4667	6.76E-05	0.008483	0.7082	3.13E-06	0.001474
Contig24680_at	-1.6108	4.45E-06	0.003208	-1.6667	3.44E-06	0.001525
HS17117u_s_at	-1.5787	8.43E-05	0.008789	-2.4328	3.52E-06	0.001525
Contig17498_at	0.3895	0.000968	0.023852	0.8541	3.85E-06	0.001614
Contig4515_at	-1.4828	6.43E-06	0.003314	-1.5596	4.40E-06	0.00164
Contig8899_at	0.5826	1.10E-05	0.004498	0.66	4.30E-06	0.00164
HW06C04u_s_at	0.3689	1.65E-05	0.005417	0.4419	4.29E-06	0.00164
Contig16595_at	0.9395	3.96E-05	0.00699	1.2771	4.08E-06	0.00164
Contig4206_at	-2.0012	1.09E-05	0.004498	-2.2332	4.77E-06	0.001654
rbaak13h13_s_at	-2.0266	7.30E-05	0.008487	-2.9169	5.05E-06	0.001654
HO03L07S_at	-0.9695	0.000177	0.012135	-1.5858	5.03E-06	0.001654
Contig3156_s_at	-1.6397	0.000226	0.013431	-2.8149	4.57E-06	0.001654
Contig21008_at	-0.9645	0.000261	0.014108	-1.6685	5.05E-06	0.001654
Contig11489_at	-2.6722	7.72E-06	0.003566	-2.815	5.23E-06	0.00167
Contig11107_at	0.4945	0.000127	0.010322	0.7645	5.35E-06	0.00167
EBem10_SQ004_P21_x_at	-2.9554	2.81E-06	0.002966	-2.6976	5.60E-06	0.001709
Contig2670_x_at	-2.0732	2.35E-06	0.002966	-1.8188	6.33E-06	0.001807
Contig4074_at	-1.0746	3.24E-05	0.006957	-1.3422	6.27E-06	0.001807
Contig4997_s_at	-1.2654	0.000563	0.018914	-2.3869	6.31E-06	0.001807
HU14O16u_s_at	-1.3831	9.10E-06	0.003953	-1.4464	6.51E-06	0.001819
Contig11350_at	-1.9887	1.97E-05	0.005965	-2.2994	6.71E-06	0.001819

Contig2495_s_at	-2.8557	2.96E-05	0.006957	-3.4865	6.78E-06	0.001819
Contig7526_at	0.3394	0.00395	0.044731	0.8708	6.99E-06	0.001841
Contig10022_at	-1.5125	1.46E-05	0.005273	-1.6605	7.31E-06	0.001851
Contig2412_at	0.4304	0.000292	0.014969	0.7207	7.31E-06	0.001851
Contig11984_at	-1.0896	0.000101	0.009556	-1.5552	7.57E-06	0.001861
Contig2762_at	0.8109	0.000283	0.014706	1.3443	7.62E-06	0.001861
HV_CEb0010C12r2_at	-2.206	2.20E-05	0.006142	-2.5378	7.80E-06	0.00187
Contig8484_at	-1.2576	8.85E-05	0.009035	-1.7448	8.17E-06	0.001924
HA13O21r_s_at	-2.15	4.66E-05	0.007382	-2.6866	9.11E-06	0.002038
HA26O09r_s_at	0.4625	5.41E-05	0.007708	0.5903	9.08E-06	0.002038
Contig9784_at	0.4328	0.000439	0.017842	0.7485	9.08E-06	0.002038
Contig17647_at	-0.6224	0.000183	0.012256	-0.9423	9.31E-06	0.00205
Contig18873_at	-2.1267	6.09E-06	0.003314	-1.9884	1.01E-05	0.002058
Contig3746_at	-1.3997	6.73E-06	0.003314	-1.3253	1.01E-05	0.002058
Contig7927_at	-0.8638	0.000129	0.010399	-1.2262	1.03E-05	0.002058
Contig3243_x_at	-0.818	0.002186	0.033915	-1.8143	9.62E-06	0.002058
Contig21395_at	0.2604	0.004576	0.048451	0.6562	9.76E-06	0.002058
HVSMEn0009D08r2_at	-1.2591	5.48E-05	0.007708	-1.5755	1.07E-05	0.002062
HF11O19r_at	-1.0339	0.000103	0.009556	-1.4118	1.08E-05	0.002062
Contig19458_at	0.3638	0.002303	0.034904	0.8049	1.05E-05	0.002062
HVSMEd0006P11r2_at	-1.5214	3.84E-05	0.006957	-1.7835	1.20E-05	0.002069
Contig7835_at	0.5487	9.01E-05	0.009054	0.7237	1.21E-05	0.002069
Contig1892_s_at	-1.2334	0.000101	0.009556	-1.6665	1.14E-05	0.002069
Contig721_at	-1.0659	0.000137	0.010827	-1.4999	1.18E-05	0.002069
HS18110r_s_at	-0.755	0.000434	0.017825	-1.2539	1.21E-05	0.002069
Contig442_at	0.5178	0.000764	0.021647	0.9411	1.19E-05	0.002069
Contig11321_at	-0.8298	0.000876	0.022949	-1.5493	1.14E-05	0.002069
Contig3915_at	0.3844	0.001249	0.0271	0.7528	1.22E-05	0.002069
Contig4288_at	-1.096	0.00017	0.01195	-1.5777	1.25E-05	0.002092
HF17H18r_s_at	0.7652	0.000369	0.016527	1.2233	1.34E-05	0.002151
HW01P03u_s_at	-0.9463	0.002033	0.033009	-1.99	1.30E-05	0.002151
Contig3923_at	-0.5534	0.003472	0.042262	-1.2735	1.33E-05	0.002151
Contig4043_at	0.3112	0.004006	0.044945	0.7331	1.35E-05	0.002151
Contig2673_at	-2.5841	2.52E-06	0.002966	-2.049	1.44E-05	0.002222
HVSMEd0004L16r2_at	-2.3046	7.34E-06	0.003497	-2.1074	1.43E-05	0.002222
Contig7499_at	0.8015	0.000201	0.012614	1.1618	1.42E-05	0.002222
Contig11693_at	-2.177	4.15E-05	0.007046	-2.4976	1.52E-05	0.002323
HVSMEd0001G22r2_s_at	-1.1874	6.41E-06	0.003314	-1.0492	1.61E-05	0.002333
Contig14715_at	-0.9248	4.08E-05	0.007007	-1.05	1.62E-05	0.002333
Contig8326_at	0.4516	0.000241	0.013812	0.6617	1.60E-05	0.002333
Contig17793_s_at	-0.8484	0.000625	0.019767	-1.4339	1.61E-05	0.002333
Contig6854_at	0.5735	0.000223	0.013305	0.8251	1.68E-05	0.002398
Contig22906_at	-1.7761	3.97E-05	0.00699	-1.9861	1.76E-05	0.002461
Contig23488_at	-1.1338	0.000147	0.011174	-1.5195	1.81E-05	0.002512
Contig1774_at	0.7039	6.97E-05	0.008487	0.8414	1.92E-05	0.002533
Contig16214_at	-1.3406	0.000101	0.009556	-1.6887	1.91E-05	0.002533
Contig4964_at	0.7562	0.000105	0.009561	0.948	2.07E-05	0.002533
Contig4586_at	-1.0652	0.000109	0.009728	-1.3434	2.06E-05	0.002533
Contig7484_at	-1.0135	0.000154	0.011174	-1.357	1.92E-05	0.002533
Contig11259_at	0.9315	0.000501	0.018597	1.4749	2.02E-05	0.002533
Contig10994_s_at	0.4344	0.00141	0.02803	0.8117	1.99E-05	0.002533
Contig5866_at	-0.6285	0.002116	0.033543	-1.2558	2.00E-05	0.002533
Contig26393_at	0.507	0.002701	0.037582	1.0615	1.93E-05	0.002533
Contig1867_at	-0.8094	0.00138	0.027931	-1.4846	2.22E-05	0.00269
Contig11540_at	-2.2861	4.91E-05	0.007484	-2.5402	2.29E-05	0.002744

Contig11522_at	0.5351	0.000777	0.021904	0.8856	2.41E-05	0.002859
Contig2792_s_at	-1.2943	3.53E-05	0.006957	-1.3606	2.45E-05	0.002863
Contig1269_s_at	0.4168	0.001513	0.028688	0.766	2.45E-05	0.002863
Contig620_at	0.4998	0.000943	0.023558	0.8491	2.49E-05	0.00288
Contig4192_at	0.6937	0.000178	0.012135	0.9103	2.59E-05	0.002966
HW02O09u_s_at	-1.2886	0.002612	0.037067	-2.5642	2.68E-05	0.00302
Contig459_s_at	0.2747	0.001746	0.030501	0.51	2.70E-05	0.003021
rbasd16a13_s_at	-1.8787	1.91E-05	0.005965	-1.7807	2.82E-05	0.003125
rbags13e14_s_at	-1.5557	2.96E-05	0.006957	-1.5626	2.86E-05	0.003125
Contig4773_at	0.5168	0.003953	0.044731	1.0959	2.86E-05	0.003125
Contig4337_at	-1.7389	3.71E-05	0.006957	-1.7993	2.90E-05	0.003135
Contig14289_at	-2.0313	4.67E-05	0.007382	-2.1623	2.97E-05	0.003136
HO08B11S_at	-2.1476	7.79E-05	0.008575	-2.4595	2.94E-05	0.003136
HU08D12u_at	-1.0599	0.000415	0.017676	-1.5467	2.98E-05	0.003136
Contig8741_at	0.3075	0.001334	0.027625	0.5387	2.99E-05	0.003136
Contig5996_s_at	-1.5012	8.03E-05	0.00866	-1.71	3.16E-05	0.003195
Contig3181_at	0.8039	0.000296	0.015021	1.1089	3.11E-05	0.003195
Contig2988_s_at	-3.2195	6.18E-06	0.003314	-2.5759	3.21E-05	0.003209
Contig14516_at	0.3931	0.00039	0.017013	0.5621	3.23E-05	0.003209
Contig16506_at	-1.4712	1.61E-05	0.005417	-1.3322	3.34E-05	0.00325
Contig7848_at	0.3854	0.000115	0.009769	0.4577	3.38E-05	0.00325
Contig18335_at	0.4591	0.000533	0.01867	0.6838	3.39E-05	0.00325
Contig20294_at	-0.728	0.001897	0.031592	-1.3309	3.34E-05	0.00325
Contig17779_at	-1.0784	0.00034	0.015944	-1.4986	3.43E-05	0.003262
HVSMEg0015H13r2_s_at	0.7401	0.000341	0.015944	1.0259	3.49E-05	0.003302
Contig4441_at	-0.9762	7.07E-05	0.008487	-1.0753	3.53E-05	0.003316
Contig7373_at	0.6917	0.000343	0.015944	0.9527	3.68E-05	0.003409
Contig25331_at	-1.0421	0.000126	0.010287	-1.2334	3.81E-05	0.003476
Contig19855_s_at	-2.2196	3.72E-05	0.006957	-2.2052	3.90E-05	0.003488
Contig7988_at	0.5696	0.000285	0.014706	0.7556	3.95E-05	0.003488
Contig14065_at	-0.7995	0.000817	0.022336	-1.2461	3.94E-05	0.003488
Contig7244_at	0.6102	0.000953	0.023626	0.9773	3.86E-05	0.003488
Contig1386_s_at	-0.8799	7.67E-05	0.008575	-0.9614	4.07E-05	0.003528
Contig5985_at	0.6522	0.002417	0.035535	1.2096	4.05E-05	0.003528
HVSMEb0010E16r2_s_at	-2.6432	8.77E-06	0.003929	-2.1403	4.13E-05	0.003534
Contig18094_at	-0.8887	3.61E-05	0.006957	-0.8727	4.11E-05	0.003534
Contig3526_at	-1.0075	0.000156	0.011214	-1.2142	4.17E-05	0.003546
Contig15025_at	0.6114	0.00025	0.01398	0.7875	4.25E-05	0.003588
Contig7168_s_at	0.4288	0.000601	0.019531	0.6293	4.31E-05	0.00362
Contig17867_at	-0.9714	0.00015	0.011174	-1.1517	4.52E-05	0.003759
Contig18280_at	0.5032	0.000948	0.023558	0.7874	4.54E-05	0.003759
Contig9104_s_at	0.5306	0.002309	0.03493	0.9604	4.56E-05	0.003759
Contig935_at	-1.1176	0.000151	0.011174	-1.3128	4.86E-05	0.003943
Contig9000_at	-1.583	0.000377	0.016717	-2.1286	4.85E-05	0.003943
Contig8882_at	-1.0506	3.10E-05	0.006957	-0.9853	4.93E-05	0.003956
Contig8169_at	-2.0586	0.000687	0.020598	-3.0236	4.98E-05	0.003956
Contig12650_s_at	0.4266	0.003927	0.044697	0.8373	4.96E-05	0.003956
Contig2683_s_at	-0.9462	8.31E-05	0.008789	-1.0144	5.06E-05	0.003974
HVSME n0019D12r2_s_at	-1.3572	0.000203	0.012676	-1.6553	5.06E-05	0.003974
HO15C14S_s_at	-1.7605	0.003347	0.041451	-3.3384	5.18E-05	0.004044
Contig14150_at	-1.0558	4.07E-05	0.007007	-1.0192	5.25E-05	0.004073
Contig10771_s_at	0.7046	0.000221	0.013301	0.8638	5.33E-05	0.00408
Contig8370_at	0.415	0.003118	0.040338	0.7738	5.35E-05	0.00408
HW08K10u_s_at	-1.1481	4.29E-05	0.007116	-1.1107	5.43E-05	0.004098
Contig6992_at	1.2812	4.57E-05	0.007382	1.2476	5.52E-05	0.00412

HU12E11u_s_at	-1.0403	0.000176	0.012135	-1.2275	5.52E-05	0.00412
Contig6459_at	0.3817	0.000454	0.018072	0.5179	5.56E-05	0.004122
Contig959_x_at	-1.817	1.98E-05	0.005965	-1.5649	5.84E-05	0.004211
HV14K05u_s_at	-2.0146	4.20E-05	0.007048	-1.9228	5.87E-05	0.004211
Contig3596_at	-1.0735	0.000125	0.010287	-1.1899	6.03E-05	0.004283
Contig4212_s_at	-2.0173	5.16E-05	0.00762	-1.9663	6.19E-05	0.004376
Contig7304_s_at	-1.5793	2.15E-05	0.006142	-1.3623	6.26E-05	0.004397
Contig13423_at	-0.7969	3.48E-05	0.006957	-0.7329	6.34E-05	0.004421
Contig14788_at	0.7603	0.00021	0.012811	0.8999	6.49E-05	0.004465
rbaak4i15_s_at	0.4347	0.001331	0.027625	0.6798	6.74E-05	0.004594
Contig5487_s_at	-1.4903	0.000105	0.009561	-1.5841	6.80E-05	0.004612
Contig6218_at	-2.2855	2.17E-05	0.006142	-1.9485	6.85E-05	0.004624
Contig3112_at	-1.584	0.000242	0.013812	-1.8934	7.01E-05	0.004695
Contig7953_at	-0.5368	0.00034	0.015944	-0.6742	7.06E-05	0.004695
Contig4875_at	0.5884	0.00045	0.017964	0.771	7.06E-05	0.004695
Contig16602_at	-1.1802	3.02E-05	0.006957	-1.0443	7.26E-05	0.004752
Contig14999_at	0.9035	7.57E-05	0.008571	0.9071	7.36E-05	0.004752
Contig8666_at	0.7727	0.000236	0.013812	0.9167	7.20E-05	0.004752
Contig330_at	-0.6944	0.000481	0.018325	-0.9155	7.25E-05	0.004752
Contig1604_at	0.487	0.00224	0.034292	0.8203	7.35E-05	0.004752
Contig11163_s_at	-0.677	0.003426	0.041905	-1.228	7.32E-05	0.004752
Contig4073_at	-1.0623	3.66E-05	0.006957	-0.9563	7.76E-05	0.004962
HU14A02u_at	-0.7881	0.002505	0.036142	-1.34	7.87E-05	0.004986
HD06J14r_at	-1.5166	0.00281	0.03841	-2.6316	7.84E-05	0.004986
Contig1808_at	0.6367	0.000381	0.016766	0.7999	7.97E-05	0.005019
HU11D20u_s_at	-0.5081	0.000596	0.019446	-0.6826	8.04E-05	0.005019
Contig9709_s_at	-0.8709	2.33E-05	0.006254	-0.7309	8.21E-05	0.00508
HT08D16r_s_at	0.6312	6.32E-05	0.008166	0.6068	8.36E-05	0.005147
Contig8040_at	0.462	0.001191	0.026393	0.687	8.47E-05	0.005193
EBpi01_SQ004_D06_s_at	-0.8999	0.000254	0.014013	-1.0539	8.52E-05	0.005198
Contig5438_s_at	0.7463	0.000351	0.015944	0.9157	8.61E-05	0.005205
Contig12897_at	0.3909	0.000694	0.020616	0.5325	8.60E-05	0.005205
Contig4211_at	-1.7672	0.000185	0.012256	-1.9713	8.65E-05	0.005207
Contig25779_at	-0.9415	0.000201	0.012614	-1.0596	8.84E-05	0.005226
Contig1953_s_at	0.6641	0.000527	0.01867	0.8641	8.80E-05	0.005226
Contig7500_at	-1.1248	0.000106	0.009577	-1.1478	9.17E-05	0.005351
Contig14050_at	-1.0056	8.38E-05	0.008789	-0.9859	9.64E-05	0.005363
Contig18234_at	-1.2491	9.57E-05	0.009368	-1.2481	9.63E-05	0.005363
HVSMef0015M13r2_s_at	-1.0402	0.00011	0.009728	-1.0616	9.51E-05	0.005363
rbaal1n16_s_at	0.577	0.00051	0.018635	0.7377	9.62E-05	0.005363
Contig11249_at	-0.9005	0.000551	0.018838	-1.166	9.56E-05	0.005363
Contig13143_s_at	-0.524	0.000971	0.023852	-0.7401	9.67E-05	0.005363
Contig2915_at	-0.6071	0.001784	0.030764	-0.9503	9.42E-05	0.005363
Contig9099_at	0.2787	0.004608	0.04852	0.5148	9.37E-05	0.005363
Contig2185_at	0.7135	0.001325	0.027625	1.0585	9.74E-05	0.005379
rbags16k21_s_at	0.5277	4.79E-06	0.003214	0.3488	9.86E-05	0.005401
Contig11556_s_at	-0.6651	0.001048	0.024439	-0.9472	9.95E-05	0.005431
Contig7730_at	0.6458	0.001315	0.027625	0.9517	0.000101	0.005474
Contig13049_at	0.7838	0.000188	0.012296	0.854	0.000104	0.005497
HVSMEn0023O21f_s_at	-0.6842	0.000717	0.020861	-0.9119	0.000104	0.005497
HVSMEb0013I11r2_s_at	0.5529	0.00119	0.026393	0.8	0.000103	0.005497
Contig4016_s_at	0.6009	0.001332	0.027625	0.8851	0.000103	0.005497
Contig7995_at	0.917	0.000243	0.013812	1.0364	0.000105	0.005498
Contig4394_at	0.4089	0.004878	0.049751	0.7512	0.000105	0.005498
Contig11273_at	-1.226	7.78E-05	0.008575	-1.1723	0.000107	0.005499

Contig2663_at	-0.9812	0.000214	0.01289	-1.0866	0.000106	0.005499
Contig1139_s_at	0.5049	0.000319	0.015447	0.5897	0.00011	0.005499
Contig3054_s_at	-1.3765	0.000341	0.015944	-1.6246	0.00011	0.005499
Contig15310_at	0.5322	0.000711	0.020757	0.7038	0.000109	0.005499
Contig22196_at	-0.9119	0.000721	0.020897	-1.2087	0.000109	0.005499
HV_CEb0017F03r2_s_at	0.7768	0.000994	0.023987	1.0864	0.000106	0.005499
Contig4805_at	-0.9775	0.001097	0.02501	-1.3855	0.000108	0.005499
HW02G06T_s_at	0.7858	0.001814	0.031055	1.2068	0.00011	0.005499
Contig24476_at	0.4324	0.003077	0.040282	0.7252	0.000111	0.005499
HT12G07u_s_at	-1.1069	0.000821	0.022336	-1.4873	0.000114	0.005522
Contig12623_at	-1.304	0.000995	0.023987	-1.8065	0.000114	0.005522
Contig2515_at	0.3535	0.004095	0.045525	0.6219	0.000114	0.005522
Contig1815_at	0.5167	0.004185	0.045974	0.9126	0.000114	0.005522
HVSMEg0011O17r2_s_at	-0.9631	5.70E-05	0.007804	-0.8726	0.000115	0.005532
Contig4860_at	-0.6528	0.000574	0.019052	-0.8274	0.000116	0.005547
Contig15376_at	-0.5902	0.003111	0.040326	-0.9858	0.000116	0.005547
Contig13714_at	-0.9252	0.000376	0.016717	-1.0972	0.000118	0.005597
Contig10655_s_at	-1.5908	0.000111	0.009728	-1.5631	0.000125	0.005632
Contig24266_at	-1.0547	0.000295	0.015021	-1.2001	0.000122	0.005632
Contig1222_s_at	-1.0168	0.000467	0.01832	-1.2365	0.000124	0.005632
Contig18763_at	-0.7183	0.000881	0.022977	-0.9685	0.00012	0.005632
Contig1431_at	0.2809	0.001031	0.024169	0.3867	0.000124	0.005632
Contig4226_at	0.6856	0.001878	0.03143	1.0393	0.000125	0.005632
Contig2300_s_at	0.6718	0.001876	0.03143	1.0186	0.000125	0.005632
Contig4438_s_at	0.4166	0.002345	0.035205	0.656	0.000125	0.005632
Contig9060_at	-1.2636	0.002647	0.037177	-2.0395	0.000121	0.005632
Contig9890_at	-0.7181	0.004455	0.047523	-1.2707	0.000121	0.005632
Contig12592_at	0.6412	0.000107	0.009659	0.6257	0.000127	0.005655
HY06O21u_s_at	-0.9849	0.000514	0.018635	-1.2113	0.000127	0.005655
Contig2346_at	-0.4557	0.002362	0.035205	-0.7142	0.00013	0.005717
Contig10256_at	-1.0116	5.67E-05	0.007804	-0.8975	0.000132	0.005738
Contig3812_at	-1.034	0.001486	0.02863	-1.4961	0.000132	0.005738
HW08B21u_s_at	0.2545	0.00156	0.028973	0.3716	0.000131	0.005738
HV_CEb0010H17r2_at	-1.2288	0.00049	0.018455	-1.4866	0.000135	0.005797
Contig17239_s_at	0.6374	0.000655	0.020238	0.8062	0.000136	0.005797
Contig15022_at	0.6544	0.000318	0.015436	0.7402	0.000137	0.005841
Contig9006_at	-1.3258	9.90E-05	0.009556	-1.2637	0.000138	0.005847
Contig7902_at	0.7012	0.000145	0.011174	0.7061	0.000138	0.005847
Contig12884_at	-1.2338	4.80E-05	0.007382	-1.059	0.000141	0.005897
HY09L01u_s_at	-0.6516	0.001721	0.030235	-0.957	0.000141	0.005897
Contig7908_at	0.5033	0.002899	0.039042	0.8082	0.00014	0.005897
HU11F04u_s_at	0.9552	0.000795	0.022066	1.2363	0.000143	0.005946
Contig972_x_at	-2.4161	2.65E-05	0.006881	-1.8952	0.000149	0.006114
Contig6411_at	-1.4728	0.000119	0.010002	-1.4193	0.000154	0.006114
HVSMEb0013P12r2_at	-1.0421	0.000183	0.012256	-1.0701	0.000153	0.006114
Contig15658_at	-1.1514	0.000481	0.018325	-1.3669	0.000151	0.006114
Contig2932_at	-0.7626	0.000873	0.022918	-0.9918	0.000153	0.006114
Contig8850_at	0.6129	0.001003	0.023987	0.8137	0.000154	0.006114
Contig7253_at	-1.3365	0.00218	0.033908	-2.0203	0.000152	0.006114
Contig1952_at	0.5101	0.002582	0.036827	0.7926	0.000153	0.006114
Contig14285_at	0.6318	0.003285	0.041138	1.0256	0.000151	0.006114
Contig9731_at	0.4556	0.001155	0.025887	0.6162	0.000159	0.006253
Contig19338_at	-1.1211	0.000147	0.011174	-1.1074	0.00016	0.006262
Contig23806_at	-0.884	0.000156	0.011214	-0.8808	0.00016	0.006262
Contig2546_at	-1.5122	0.003915	0.044671	-2.5064	0.000162	0.006304

Contig2447_x_at	-1.5469	2.88E-05	0.006957	-1.2075	0.000167	0.006461
Contig15950_at	0.362	0.002646	0.037177	0.5575	0.000168	0.006461
Contig9432_at	-0.7054	0.000561	0.018889	-0.8418	0.000172	0.006591
Contig2277_s_at	0.5345	0.002188	0.033915	0.7919	0.000175	0.006672
Contig1529_at	0.8075	0.00252	0.036273	1.2262	0.000175	0.006672
Contig3750_at	-1.0633	0.000184	0.012256	-1.0694	0.000177	0.006689
Contig8276_at	0.7069	0.00044	0.017842	0.8098	0.000176	0.006689
Contig9108_at	0.8879	0.001295	0.027383	1.2044	0.000177	0.006689
Contig4022_at	0.615	0.0007	0.020637	0.7544	0.00018	0.006771
Contig9351_s_at	-0.7591	1.44E-05	0.005273	-0.532	0.000183	0.006787
HVSMeg0002E24r2_s_at	-2.5455	8.93E-05	0.009035	-2.2958	0.000183	0.006787
Contig6308_at	-1.1403	0.000184	0.012256	-1.1412	0.000183	0.006787
Contig11988_at	-1.4547	0.000568	0.019023	-1.7247	0.000182	0.006787
Contig19265_at	-2.7231	0.001445	0.02819	-3.746	0.000181	0.006787
Contig9795_at	0.8576	0.001473	0.028487	1.1815	0.000184	0.006787
Contig10791_s_at	-1.3844	0.000384	0.016796	-1.5437	0.000184	0.00679
Contig6980_at	0.8063	0.00082	0.022336	1.0099	0.000185	0.00679
Contig2837_at	0.7749	0.001621	0.029499	1.0821	0.000186	0.006801
Contig3908_at	0.4911	0.002639	0.037177	0.7442	0.000187	0.006801
Contig7305_at	-1.3501	0.000682	0.020537	-1.6371	0.00019	0.006844
HX08J20r_at	-1.0761	0.000768	0.021698	-1.3264	0.000192	0.006906
Contig8992_at	0.8362	0.000239	0.013812	0.863	0.000193	0.006914
EBro03_SQ007_M15_s_at	-0.9732	3.61E-05	0.006957	-0.7668	0.000194	0.006916
Contig10581_at	-1.2763	0.000548	0.018838	-1.4866	0.000198	0.007031
Contig25720_at	-1.2872	0.000242	0.013812	-1.3146	0.000209	0.007244
Contig18793_at	-1.8282	0.000419	0.017702	-2.03	0.000208	0.007244
Contig3116_at	0.4031	0.001126	0.025552	0.5227	0.000206	0.007244
Contig9681_at	-0.7685	2.20E-05	0.006142	-0.5576	0.000214	0.007345
HO14H22S_s_at	-1.3129	0.000472	0.018325	-1.4768	0.000215	0.007345
Contig7268_s_at	-1.3106	0.000556	0.018842	-1.512	0.000215	0.007345
Contig10800_at	0.3734	0.001265	0.027181	0.4904	0.000215	0.007345
Contig5645_at	-1.0848	3.86E-05	0.006957	-0.8446	0.000224	0.007484
Contig11540_s_at	-1.8098	6.00E-05	0.007925	-1.4982	0.000224	0.007484
Contig2416_at	-2.1952	0.000269	0.014446	-2.2555	0.000224	0.007484
Contig9409_s_at	-0.8207	0.001223	0.026783	-1.0658	0.000223	0.007484
Contig9611_at	-0.7144	0.000606	0.019641	-0.8279	0.000228	0.007531
Contig5711_at	-1.1431	0.000922	0.02335	-1.4142	0.000228	0.007531
Contig945_s_at	0.5014	0.003498	0.042368	0.7746	0.000229	0.007546
Contig17972_at	0.6346	0.000977	0.023855	0.7885	0.000236	0.007669
Contig8375_at	-0.9456	2.46E-05	0.006503	-0.6857	0.000238	0.007678
Contig26311_at	-1.2592	0.004689	0.048995	-2.0391	0.000238	0.007678
Contig12244_at	-1.3322	5.30E-05	0.007708	-1.0704	0.000244	0.007708
Contig2080_at	0.6632	0.000298	0.015021	0.6815	0.000248	0.007708
Contig4617_s_at	0.64	0.001099	0.025019	0.8031	0.000251	0.007708
Contig16273_at	-0.7036	0.001322	0.027625	-0.9132	0.000244	0.007708
Contig5523_s_at	-0.747	0.001373	0.027837	-0.9721	0.00025	0.007708
Contig275_x_at	0.4627	0.001571	0.02902	0.6156	0.00025	0.007708
Contig2877_at	-1.2005	0.001585	0.02915	-1.5984	0.000251	0.007708
EBpi01_SQ005_A03_at	-0.925	0.001742	0.030501	-1.2539	0.000248	0.007708
Contig21308_at	0.4115	0.001801	0.030942	0.5633	0.00024	0.007708
Contig5213_at	0.5015	0.00308	0.040282	0.7482	0.000249	0.007708
Contig3808_at	0.5814	0.003746	0.043533	0.8973	0.00025	0.007708
Contig4520_at	0.5694	0.002107	0.033463	0.7933	0.000255	0.007755
Contig6774_at	0.5725	0.001154	0.025887	0.7217	0.000256	0.007756
Contig10942_at	0.5331	0.001691	0.030046	0.7135	0.000261	0.007756

Contig4429_at	0.627	0.001848	0.031311	0.8515	0.000261	0.007756
Contig7951_at	0.7404	0.002263	0.034478	1.0392	0.000263	0.007806
Contig18643_at	0.6412	0.003398	0.041869	0.9647	0.000265	0.007828
Contig7734_at	0.4493	0.00164	0.029667	0.5967	0.000266	0.007836
rbaal20l21_s_at	-0.8941	5.45E-05	0.007708	-0.7113	0.000267	0.007838
Contig3111_at	-0.6372	0.000111	0.009728	-0.5605	0.000269	0.007838
Contig5620_s_at	0.7531	0.000406	0.017446	0.8015	0.000268	0.007838
Contig23198_s_at	-1.3574	0.002237	0.034292	-1.8961	0.000268	0.007838
Contig6012_at	-1.1579	0.000344	0.015944	-1.2011	0.000269	0.007841
Contig12404_at	-1.0562	5.59E-05	0.007793	-0.8418	0.000271	0.007858
EBem05_SQ004_F24_x_at	-1.9505	0.003518	0.042498	-2.9414	0.000272	0.007858
Contig9489_at	0.5375	0.003821	0.043963	0.8228	0.000271	0.007858
Contig13256_at	-0.9239	0.0008	0.022066	-1.0884	0.000273	0.007873
Contig4584_s_at	0.6619	0.003036	0.039999	0.9707	0.000276	0.007917
Contig717_x_at	-1.8168	0.000497	0.018597	-1.9776	0.000283	0.008023
Contig9516_at	-0.765	0.000612	0.019756	-0.8596	0.000284	0.008023
Contig12181_at	-0.7773	7.21E-05	0.008487	-0.6353	0.000291	0.008084
Contig15074_at	-0.9382	0.000328	0.015706	-0.9555	0.00029	0.008084
Contig10738_at	0.784	0.000839	0.022507	0.9235	0.000288	0.008084
Contig24931_at	0.9538	0.000923	0.02335	1.1402	0.000288	0.008084
Contig3857_at	-0.7735	0.001406	0.02803	-0.9899	0.000287	0.008084
Contig698_at	-0.9287	0.000673	0.020537	-1.0521	0.000297	0.008225
Contig11288_x_at	-1.0866	7.83E-05	0.008575	-0.8953	0.000298	0.008237
EBpi03_SQ003_P13_s_at	-0.6986	0.000845	0.022589	-0.8181	0.000302	0.008296
Contig9212_s_at	-1.2381	7.60E-05	0.008571	-1.0135	0.000303	0.008308
Contig6754_at	-0.8529	0.000525	0.01867	-0.9247	0.000308	0.008384
Contig15045_at	-1.1261	0.000628	0.019794	-1.255	0.000308	0.008384
Contig6074_at	-1.0643	0.002057	0.033199	-1.4326	0.000313	0.008485
Contig5420_at	-0.9603	0.001132	0.025614	-1.1699	0.000316	0.008522
HVSMEf0010N18r2_s_at	-0.7843	0.003972	0.0448	-1.1816	0.000316	0.008522
Contig10014_at	-1.1948	1.64E-05	0.005417	-0.7851	0.000319	0.008561
Contig19105_at	-1.9249	0.000258	0.014039	-1.8603	0.000325	0.008581
Contig9404_at	0.3499	0.000681	0.020537	0.3912	0.000328	0.008581
Contig4671_at	-0.9939	0.000723	0.020897	-1.1221	0.000327	0.008581
Contig7333_at	0.7364	0.001271	0.027216	0.911	0.000323	0.008581
Contig17992_at	-1.2456	0.001351	0.027725	-1.5556	0.000324	0.008581
Contig4859_at	-0.7976	0.002675	0.037379	-1.1173	0.000323	0.008581
Contig2247_at	0.3682	0.003106	0.040298	0.5275	0.000331	0.008581
Contig2598_s_at	0.5679	0.003179	0.040663	0.8182	0.000327	0.008581
rbaal31c07_s_at	-0.7071	0.003308	0.041241	-1.0269	0.000325	0.008581
HVSMEa0002E06r2_s_at	-0.766	0.003318	0.041245	-1.1111	0.000329	0.008581
Contig7379_at	-0.7544	0.0008	0.022066	-0.8624	0.000335	0.008636
Contig19071_at	-0.4947	0.001601	0.029309	-0.6316	0.000337	0.00866
Contig6607_s_at	0.5505	0.003447	0.042021	0.8003	0.000339	0.00869
Contig1852_at	-1.0982	0.004162	0.045871	-1.6473	0.000344	0.008769
Contig7377_at	-1.412	0.000481	0.018325	-1.4826	0.000348	0.008827
Contig5099_at	0.9438	0.000247	0.013971	0.8952	0.000352	0.008841
Contig12065_at	0.4371	0.001663	0.029816	0.558	0.000352	0.008841
Contig871_s_at	-1.1565	0.001978	0.032466	-1.5172	0.000355	0.008884
Contig2493_s_at	-1.4205	0.000257	0.01403	-1.352	0.000357	0.008896
Contig9868_at	0.6467	0.002253	0.03439	0.8663	0.000358	0.008896
Contig19453_at	-0.988	8.38E-05	0.008789	-0.7952	0.000371	0.009131
Contig4659_at	-1.204	0.000151	0.011174	-1.05	0.000381	0.009233
Contig12785_at	0.606	0.000279	0.014602	0.5785	0.00038	0.009233
Contig8629_at	0.55	0.000539	0.018744	0.5801	0.00038	0.009233

Contig9390_at	-0.9754	0.0008	0.022066	-1.0937	0.00038	0.009233
Contig2083_s_at	0.5968	0.001937	0.032021	0.7705	0.000386	0.009328
Contig21949_s_at	0.5906	0.002787	0.038235	0.811	0.000387	0.009328
Contig7534_at	-0.5726	0.002416	0.035535	-0.7658	0.000392	0.009375
baak18e05_s_at	-0.9898	0.002757	0.03807	-1.3534	0.000393	0.009388
Contig8927_at	-2.0688	6.89E-05	0.008483	-1.6054	0.000394	0.009395
Contig2402_s_at	-1.0924	0.000152	0.011174	-0.9476	0.000399	0.00947
Contig5267_at	0.8889	0.00165	0.029736	1.1112	0.000401	0.009489
Contig4530_at	0.5497	0.000578	0.019118	0.5807	0.000404	0.009527
Contig6871_s_at	-0.5801	0.001007	0.023995	-0.6679	0.000406	0.009538
Contig8794_s_at	-0.9587	0.003101	0.040298	-1.3317	0.000405	0.009538
Contig86_at	-0.8245	0.000242	0.013812	-0.7618	0.000411	0.00954
Contig14258_at	0.845	0.000312	0.015329	0.8112	0.00041	0.00954
Contig11056_at	0.6042	0.000503	0.018597	0.6235	0.000409	0.00954
Contig3391_at	-0.8018	0.000887	0.022977	-0.9029	0.000411	0.00954
Contig2019_s_at	0.4398	0.001128	0.025552	0.5147	0.000411	0.00954
Contig8068_at	-0.8615	0.002123	0.033543	-1.1196	0.000409	0.00954
Contig7607_at	0.5091	0.004871	0.049751	0.7651	0.000411	0.00954
Contig5324_s_at	0.5187	0.003666	0.043359	0.7389	0.000417	0.009638
Contig8616_at	-1.0828	0.000379	0.016766	-1.065	0.000424	0.00972
Contig16919_at	-1.1167	0.001558	0.028973	-1.3707	0.000425	0.009729
Contig9954_at	-1.6449	8.88E-05	0.009035	-1.3067	0.000428	0.009749
baal31g17_s_at	-0.6641	0.000465	0.01832	-0.6715	0.000432	0.009819
Contig23610_at	-0.8824	0.000445	0.017858	-0.8844	0.000439	0.009883
Contig7041_at	-1.0648	0.00062	0.019767	-1.1236	0.000437	0.009883
Contig4772_s_at	0.6121	0.002905	0.03905	0.8309	0.000438	0.009883
Contig2617_at	-0.7344	0.001613	0.029467	-0.9002	0.000445	0.009955
Contig4312_s_at	0.7416	0.000515	0.018635	0.7578	0.000447	0.009986
Contig8967_at	0.8667	0.000232	0.013684	0.7855	0.000449	0.009992
HVSMEa0014L12r2_s_at	0.5403	0.001657	0.029784	0.6642	0.00045	0.009992
Contig8429_at	-1.1069	4.79E-05	0.007382	-0.7998	0.000451	0.010018
Contig11864_at	0.4425	0.001784	0.030764	0.5494	0.000457	0.010097
Contig13087_at	0.6732	0.000113	0.009764	0.5472	0.00046	0.01014
Contig5296_s_at	0.5147	0.000347	0.015944	0.4927	0.000463	0.010159
Contig15504_at	-1.0928	0.000551	0.018838	-1.1203	0.000468	0.010159
Contig8905_at	-1.7716	0.002027	0.032947	-2.2411	0.000465	0.010159
Contig4714_s_at	-0.5954	0.000928	0.023408	-0.6611	0.000474	0.010222
Contig2489_at	0.7041	0.001493	0.028671	0.8442	0.000473	0.010222
Contig10712_at	0.6758	0.001558	0.028973	0.815	0.000477	0.01027
Contig13632_at	-1.0328	0.004017	0.045027	-1.459	0.00049	0.010485
Contig3474_s_at	-1.0696	0.000255	0.014013	-0.9676	0.000497	0.010577
Contig9107_at	-0.9529	0.000101	0.009556	-0.753	0.000501	0.010599
Contig13806_at	-0.9078	0.000135	0.010797	-0.748	0.0005	0.010599
Contig3707_s_at	-1.2076	0.000427	0.017825	-1.1776	0.000503	0.010626
Contig7009_at	-0.5814	0.002967	0.039347	-0.7753	0.000504	0.010626
basd23g06_s_at	-2.488	0.0007	0.020637	-2.6151	0.000507	0.010663
Contig10274_at	-0.9518	0.002711	0.037643	-1.2473	0.00051	0.010712
Contig10452_at	-1.288	0.000515	0.018635	-1.2884	0.000514	0.010733
Contig3031_s_at	0.4937	0.000632	0.019855	0.5098	0.000513	0.010733
Contig11408_at	-0.5406	0.003766	0.043534	-0.7494	0.000515	0.010733
Contig6708_at	-1.1329	4.74E-05	0.007382	-0.7999	0.00052	0.010766
Contig8190_at	-1.0051	0.000111	0.009728	-0.7972	0.000533	0.010789
HVSMEf0022D18r2_s_at	-0.9199	0.000349	0.015944	-0.8631	0.000531	0.010789
rbah41a21_s_at	-0.9223	0.001172	0.026079	-1.0473	0.000522	0.010789
Contig10027_at	-0.9775	0.001436	0.028144	-1.1448	0.000529	0.010789



Contig6283_s_at	0.2642	0.00185	0.031311	0.3229	0.000527	0.010789
Contig11138_at	0.5341	0.001877	0.03143	0.6534	0.000532	0.010789
Contig5214_at	0.5437	0.003169	0.040576	0.7289	0.000525	0.010789
Contig7957_at	-0.6234	0.002437	0.035546	-0.796	0.000536	0.010822
Contig10495_s_at	0.3354	0.004608	0.04852	0.4792	0.000536	0.010822
Contig18966_at	-0.7486	0.001819	0.031067	-0.9081	0.000543	0.010887
Contig6794_at	0.4339	0.002386	0.035399	0.5504	0.000547	0.010934
Contig6991_s_at	0.7078	0.002591	0.036887	0.9104	0.000547	0.010934
HV05F02u_s_at	0.3966	0.002226	0.03423	0.4968	0.00055	0.010951
Contig7327_at	0.6463	0.000126	0.010287	0.5182	0.000557	0.010989
Contig7861_at	-1.1774	0.000477	0.018325	-1.151	0.000553	0.010989
Contig4784_at	-0.5421	0.001289	0.027332	-0.6192	0.000555	0.010989
Contig8959_at	0.8048	0.000164	0.011678	0.6693	0.000565	0.011008
Contig4896_at	-0.9664	0.000393	0.017085	-0.9155	0.000561	0.011008
Contig14918_at	0.5226	0.000669	0.020537	0.5367	0.000564	0.011008
Contig13478_at	-0.8655	0.000859	0.022736	-0.9249	0.000561	0.011008
HVSMEa0005O15r2_s_at	-1.1332	0.001263	0.027181	-1.2854	0.000568	0.011008
Contig2680_at	-0.8527	0.003655	0.043359	-1.1583	0.000567	0.011008
Contig8172_at	-0.3768	0.004879	0.049751	-0.5392	0.000568	0.011008
HT11O15u_s_at	-1.173	0.002167	0.033848	-1.4539	0.000571	0.011035
Contig20663_at	-1.1156	0.000916	0.023301	-1.1993	0.000577	0.011058
Contig2747_at	-0.5964	0.004229	0.046182	-0.8296	0.000577	0.011058
Contig18182_at	0.6699	0.002561	0.036692	0.8524	0.00058	0.011087
Contig23771_at	-1.2431	6.00E-06	0.003314	-0.6487	0.000597	0.011271
Contig7901_at	-0.9381	0.000351	0.015944	-0.8651	0.000597	0.011271
Contig5331_s_at	-0.7068	0.000886	0.022977	-0.7503	0.000605	0.011387
Contig6966_at	-0.8875	0.000297	0.015021	-0.7955	0.000611	0.011473
HU05M05u_s_at	-0.8662	0.001288	0.027332	-0.9745	0.000613	0.011473
Contig3992_at	-0.9811	0.000518	0.018635	-0.9543	0.000621	0.011571
Contig9092_at	-1.1913	0.001	0.023987	-1.2834	0.000623	0.011599
rbaal1d15_s_at	0.8697	0.000495	0.018569	0.8386	0.000627	0.01165
Contig11277_at	-0.7046	0.001224	0.026783	-0.7827	0.00063	0.011659
Contig5544_at	-0.8608	0.000625	0.019767	-0.8594	0.000631	0.011672
Contig17471_at	-1.6981	0.000177	0.012135	-1.4023	0.000633	0.011682
HVSMEI0010A17f_s_at	-0.8427	0.004623	0.048544	-1.174	0.000633	0.011682
Contig5562_s_at	-1.2237	0.00078	0.021943	-1.2614	0.000642	0.011741
Contig5870_at	-1.0572	0.000553	0.018838	-1.032	0.000647	0.011811
Contig9475_at	-0.5326	0.002879	0.038921	-0.6779	0.000659	0.011929
Contig10829_at	-0.924	0.00018	0.012177	-0.7583	0.000669	0.011996
HV_CEb0024D08r2_at	-1.3081	0.000328	0.015706	-1.1733	0.000669	0.011996
Contig7320_at	-0.7005	0.000175	0.012135	-0.572	0.000674	0.012041
Contig5745_s_at	-0.7561	0.001831	0.031132	-0.8871	0.000678	0.012062
Contig3473_at	-1.124	8.72E-05	0.009015	-0.8276	0.00069	0.01219
Contig7377_s_at	-0.8622	0.000879	0.022977	-0.8953	0.000691	0.01219
Contig1437_s_at	0.6238	0.000955	0.023648	0.6565	0.000691	0.01219
Contig143_at	0.4276	0.00114	0.0257	0.4623	0.000697	0.01219
Contig10771_at	0.9745	0.003555	0.042744	1.2761	0.000697	0.01219
Contig13715_at	-0.8148	0.001689	0.030046	-0.9387	0.000699	0.012205
Contig1591_s_at	0.5167	3.41E-05	0.006957	0.3323	0.000708	0.012314
Contig7405_at	-0.7657	0.001422	0.02808	-0.8538	0.000719	0.01244
Contig24126_at	-0.8434	0.003949	0.044731	-1.1198	0.000719	0.01244
Contig48_at	0.5349	0.001373	0.027837	0.5927	0.000722	0.012455
Contig4635_at	0.8083	0.000139	0.010827	0.6299	0.000735	0.012573
HZ62K09r_at	-0.9538	0.000532	0.01867	-0.9078	0.000732	0.012573
Contig17120_at	0.5088	0.000738	0.021206	0.5091	0.000734	0.012573

Contig6857_at	-0.8681	0.004077	0.045392	-1.1553	0.000735	0.012573
Contig11250_s_at	-1.2918	0.00032	0.01545	-1.1337	0.000752	0.012769
Contig5133_s_at	0.4917	0.001843	0.031272	0.5683	0.000752	0.012769
Contig2556_s_at	-0.6054	0.001395	0.028007	-0.6671	0.00076	0.01282
Contig6582_at	-1.7533	0.00034	0.015944	-1.5424	0.000784	0.013108
Contig8466_s_at	-1.2089	0.001626	0.029499	-1.3595	0.000784	0.013108
Contig12284_at	0.696	0.000902	0.023183	0.709	0.000802	0.013342
Contig3556_at	-0.9313	0.000323	0.015524	-0.807	0.000821	0.013553
Contig6704_at	-1.7444	0.001908	0.03172	-1.9991	0.000824	0.013553
Contig12088_at	-2.5168	0.00013	0.010423	-1.906	0.000828	0.013574
Contig2446_x_at	-1.032	0.003141	0.040536	-1.2871	0.000827	0.013574
Contig2161_s_at	-0.3818	0.004044	0.045163	-0.4971	0.000836	0.013615
Contig13323_at	-1.0632	7.06E-05	0.008487	-0.736	0.000845	0.013683
Contig3024_at	-2.7308	0.003684	0.043436	-3.4913	0.000845	0.013683
Contig10283_at	-1.0282	0.004258	0.046364	-1.3484	0.000848	0.013696
Contig9312_at	0.6955	0.00271	0.037643	0.8412	0.000854	0.013747
Contig20989_at	-0.922	0.003567	0.042809	-1.1701	0.000854	0.013747
Contig1864_at	-1.1743	0.003583	0.042864	-1.4899	0.000859	0.013804
Contig14585_at	0.9543	0.000553	0.018838	0.889	0.000872	0.013853
rbaal17n22_s_at	-0.8679	0.00234	0.035205	-1.0205	0.000871	0.013853
Contig7941_s_at	0.5712	0.003266	0.041138	0.7114	0.000872	0.013853
Contig11038_at	0.918	0.000114	0.009769	0.6761	0.000879	0.013909
Contig5498_at	0.7552	0.000434	0.017825	0.676	0.000887	0.01398
Contig3751_at	-1.3658	0.002179	0.033908	-1.5754	0.000911	0.014165
Contig12095_at	-0.6576	0.000404	0.017403	-0.579	0.000919	0.014184
Contig6821_at	0.3248	0.001343	0.02768	0.345	0.000923	0.014188
HU13E05u_s_at	-0.9447	0.00069	0.020599	-0.9007	0.000935	0.014329
Contig9920_at	-0.7944	0.000581	0.019147	-0.7366	0.00094	0.01436
Contig9211_at	-0.9581	0.001667	0.029846	-1.0513	0.00094	0.01436
Contig8038_s_at	0.5346	0.002156	0.033776	0.612	0.000944	0.01436
Contig5477_at	0.4979	0.002477	0.035916	0.5834	0.000946	0.01436
Contig20079_at	0.8578	9.37E-05	0.009234	0.6061	0.000956	0.014419
Contig10478_s_at	0.6298	0.000232	0.013684	0.5075	0.000955	0.014419
Contig10540_at	0.6527	0.000573	0.019052	0.6025	0.000956	0.014419
Contig2575_s_at	-0.9862	0.000487	0.018455	-0.8874	0.000959	0.014452
rbaal33b22_s_at	-1.0006	0.004769	0.049275	-1.3121	0.000966	0.014524
Contig2275_s_at	-1.3324	0.000417	0.017702	-1.1694	0.000968	0.014538
Contig9259_at	0.5327	0.000254	0.014013	0.4339	0.00097	0.014546
Contig8663_at	-0.7856	0.000576	0.01907	-0.7228	0.000979	0.014626
Contig11381_at	0.5016	0.003996	0.044945	0.6348	0.000988	0.014698
Contig9079_at	0.9285	0.000415	0.017676	0.8114	0.000989	0.014701
Contig1891_at	-1.1755	0.000949	0.023558	-1.1642	0.001008	0.014853
Contig9705_at	0.5213	0.004112	0.045611	0.6613	0.001005	0.014853
HVSMEn0024H20r2_s_at	-0.6257	0.002121	0.033543	-0.7058	0.001017	0.014927
Contig7048_at	0.5049	0.000149	0.011174	0.3769	0.001027	0.015017
HVSM Ea0004I10f2_s_at	-0.7902	0.001558	0.028973	-0.8444	0.001035	0.015091
Contig4672_at	-0.9277	0.002142	0.033705	-1.0451	0.001038	0.015091
EBro01_SQ001_C04_at	-1.1233	0.002626	0.037172	-1.3103	0.001037	0.015091
Contig11074_at	-1.0782	0.002665	0.037355	-1.2592	0.001045	0.015139
Contig8033_at	-0.8088	0.000254	0.014013	-0.6489	0.001068	0.015329
Contig940_s_at	0.5935	0.002564	0.036692	0.6858	0.001072	0.015358
Contig17303_at	-0.7653	0.000481	0.018325	-0.6744	0.00108	0.015455
Contig10249_at	-1.1643	0.000695	0.020616	-1.0819	0.001106	0.015723
Contig12835_at	0.5429	0.000347	0.015944	0.4532	0.001113	0.015752
HU02E04u_s_at	0.6909	0.000401	0.017383	0.5898	0.001109	0.015752

Contig3157_at	-2.5019	0.00145	0.028192	-2.6118	0.001113	0.015752
Contig21326_at	0.6205	0.001827	0.031128	0.6731	0.001111	0.015752
Contig15355_at	0.4864	0.001746	0.030501	0.5231	0.001119	0.015818
Contig4727_at	0.6369	0.001418	0.028076	0.6613	0.001124	0.015867
Contig8286_at	-0.8255	0.002416	0.035535	-0.9368	0.001126	0.015875
Contig7860_at	-0.7462	0.001886	0.031484	-0.8118	0.001129	0.015883
Contig9797_at	-1.0304	0.000278	0.014602	-0.8298	0.00113	0.015892
Contig8289_s_at	0.6816	0.000574	0.019052	0.6092	0.00117	0.01614
EBpi01_SQ003_C12_s_at	-0.5623	0.000665	0.020509	-0.5147	0.001163	0.01614
Contig2279_at	0.6442	0.001561	0.028973	0.6755	0.001167	0.01614
Contig3800_at	-0.6803	0.002198	0.034005	-0.7565	0.001156	0.01614
Contig5295_at	0.4696	0.003106	0.040298	0.5536	0.001164	0.01614
Contig120_at	0.5029	0.004879	0.049751	0.6427	0.001164	0.01614
Contig9524_at	-0.6321	0.004777	0.049318	-0.8032	0.001178	0.016238
HZ59C04r_s_at	-0.9964	0.000516	0.018635	-0.8748	0.001181	0.016248
Contig6674_at	-0.5431	0.002088	0.033279	-0.5956	0.001193	0.016315
Contig2780_s_at	-0.9179	0.003619	0.043151	-1.1076	0.00119	0.016315
Contig10722_at	0.6855	0.003146	0.04056	0.8062	0.001198	0.01634
Contig11895_at	0.7404	0.004579	0.048451	0.9307	0.0012	0.016348
Contig11061_at	0.6869	0.000543	0.018811	0.606	0.001204	0.016359
Contig2747_x_at	-0.584	0.002951	0.039211	-0.6785	0.001205	0.016359
Contig7658_at	-0.8955	0.000859	0.022736	-0.8466	0.001221	0.016535
Contig20005_at	-0.8282	0.000239	0.013812	-0.6432	0.001235	0.016596
Contig8438_at	0.424	0.004321	0.046839	0.5244	0.001243	0.01669
Contig20735_at	-1.6562	6.00E-05	0.007925	-1.0521	0.001254	0.016713
Contig10262_at	-1.6501	9.29E-05	0.009217	1.1154	0.001251	0.016713
Contig8168_s_at	-3.0679	0.000284	0.014706	-2.4385	0.001252	0.016713
Contig11597_at	0.7124	0.002435	0.035546	0.7956	0.001253	0.016713
Contig12301_at	0.478	0.00373	0.043533	0.5741	0.001267	0.016834
Contig6532_at	0.7489	0.000446	0.017858	0.635	0.001276	0.016843
Contig23996_at	1.0029	0.004838	0.049536	1.2608	0.001276	0.016843
Contig23526_at	-2.4756	0.000966	0.023852	-2.3658	0.001281	0.016871
Contig15665_at	-0.6503	6.09E-05	0.007962	-0.4122	0.001287	0.016879
Contig17415_at	-0.6291	0.000945	0.023558	-0.5972	0.001306	0.016983
EBpi07_SQ001_B18_s_at	-0.7111	0.001027	0.024162	-0.6832	0.001318	0.016983
Contig1382_at	-0.876	0.001159	0.025887	-0.8589	0.001309	0.016983
Contig25183_at	-1.0569	0.00236	0.035205	-1.1648	0.001316	0.016983
Contig7360_at	0.6185	0.00475	0.049248	0.7713	0.001313	0.016983
Contig9266_at	-1.8877	0.004754	0.049248	-2.3573	0.001304	0.016983
Contig15219_at	-0.9131	0.000191	0.012343	-0.6775	0.001336	0.016987
Contig6819_at	-0.7588	0.000455	0.018086	-0.6415	0.001326	0.016987
Contig3155_s_at	-2.3882	0.002943	0.039167	-2.7268	0.001337	0.016987
Contig14364_s_at	-0.788	0.00322	0.040981	-0.914	0.001337	0.016987
Contig20257_at	-0.8819	0.003256	0.041118	-1.0256	0.001332	0.016987
Contig8386_at	0.2332	0.004667	0.048835	0.2889	0.001341	0.017014
Contig5255_at	0.5208	0.001257	0.027121	0.5137	0.001368	0.017242
Contig10393_at	0.8672	0.001939	0.032021	0.9188	0.001367	0.017242
Contig7198_at	-0.8165	0.000973	0.023852	-0.7718	0.001379	0.017342
Contig1632_at	-1.2348	0.001543	0.028893	-1.2574	0.001381	0.017342
Contig12729_at	-0.8142	8.01E-05	0.00866	-0.5295	0.001394	0.017423
Contig20066_at	-0.7889	0.001334	0.027625	-0.7829	0.001398	0.017423
Contig21515_s_at	-1.4311	0.00257	0.036718	-1.585	0.001396	0.017423
Contig9001_at	-1.0842	0.00043	0.017825	-0.8994	0.00141	0.017478
Contig25330_s_at	-0.5403	0.002977	0.039379	-0.6114	0.00143	0.017652
Contig24387_at	-0.9296	0.003288	0.041138	-1.0703	0.001431	0.017652

Contig24856_at	0.4327	0.003819	0.043963	0.5114	0.001435	0.017672
Contig5238_at	0.3214	0.00136	0.02779	0.3184	0.001439	0.017694
rbags20c22_at	-0.9032	0.001581	0.02915	-0.9161	0.001449	0.017737
HVSMEg0013J23r2_s_at	0.7748	0.001395	0.028007	0.7689	0.001462	0.01784
Contig3379_at	-0.9663	0.000686	0.02059	-0.8556	0.001469	0.0179
Contig17595_at	-0.6019	0.000732	0.021094	-0.5379	0.001478	0.017971
Contig7391_at	-0.9878	0.001333	0.027625	-0.9705	0.001485	0.01802
Contig15532_at	-2.5071	6.01E-05	0.007925	-1.545	0.001511	0.018182
Contig5113_at	-0.8348	0.000139	0.010827	-0.58	0.001502	0.018182
Contig9112_at	-0.774	0.000941	0.023558	-0.717	0.001511	0.018182
Contig9578_s_at	-1.1425	0.00194	0.032021	-1.1909	0.001511	0.018182
Contig13188_at	-1.1547	0.000441	0.017842	-0.9486	0.001533	0.018264
Contig10173_at	0.4287	0.001567	0.02902	0.4302	0.001535	0.018264
Contig14805_at	-0.7902	0.002633	0.037172	-0.8657	0.001531	0.018264
Contig5105_at	0.8301	0.003396	0.041869	0.951	0.001527	0.018264
Contig6341_s_at	0.6586	0.003731	0.043533	0.7669	0.00153	0.018264
Contig3744_s_at	-0.9919	0.001251	0.0271	-0.9584	0.001544	0.018324
EBro02_SQ008_C12_s_at	-1.5041	0.000925	0.023358	-1.3831	0.001554	0.018361
Contig7958_s_at	-0.7998	0.001063	0.024575	-0.7512	0.001563	0.018418
Contig21223_at	0.6072	0.001278	0.027244	0.5873	0.001567	0.018425
Contig446_at	0.6757	0.002062	0.033199	0.7071	0.001569	0.018425
EBem08_SQ004_K18_at	-2.0885	6.60E-05	0.00841	-1.2954	0.001575	0.018453
Contig14498_at	-1.4711	0.000817	0.022336	-1.3236	0.001574	0.018453
Contig3972_at	-0.5339	0.001538	0.028847	-0.5319	0.001574	0.018453
Contig9191_at	0.7888	0.002495	0.036029	0.8515	0.001583	0.018509
HVSMEI0025N17f_at	-1.1804	0.000619	0.019767	-1.016	0.001585	0.01852
Contig20382_at	-0.4477	0.002679	0.037379	-0.4886	0.001595	0.01856
Contig12706_at	0.7116	0.002676	0.037379	0.7758	0.001603	0.01863
Contig7157_at	0.231	0.001427	0.02808	0.2258	0.00164	0.018883
Contig3005_at	0.4734	0.003161	0.040576	0.5287	0.001652	0.018964
Contig8181_at	-1.1342	2.28E-05	0.006246	-0.6005	0.001684	0.019261
HV_CEA0013E09r2_at	-1.1959	0.000167	0.011795	-0.8354	0.001709	0.019461
Contig6110_at	-0.9585	0.000654	0.020238	-0.821	0.001719	0.019544
Contig6001_at	0.7114	0.000828	0.022416	0.6318	0.001725	0.019556
HVSMEc0015A07r2_s_at	-0.4557	0.002231	0.034269	-0.4757	0.001726	0.019556
Contig4410_at	-0.783	0.002039	0.033009	-0.8026	0.001758	0.019789
Contig18250_at	0.5012	0.002436	0.035546	0.5285	0.001778	0.019855
Contig6039_at	-0.5903	0.003157	0.040576	-0.6511	0.001777	0.019855
Contig11530_at	0.5646	0.001253	0.027114	0.5325	0.00179	0.019947
Contig8880_at	0.5937	0.003426	0.041905	0.6623	0.00181	0.020104
Contig20217_s_at	-1.0386	0.000786	0.02202	-0.9071	0.001816	0.02012
EBpi01_SQ003_E16_s_at	0.5672	0.00187	0.03143	0.57	0.001816	0.02012
Contig8594_at	-0.7371	0.001794	0.030866	-0.7345	0.001832	0.020228
Contig15114_at	0.5445	0.000154	0.011174	0.3714	0.001834	0.02023
Contig8775_at	0.929	0.004197	0.046041	1.0716	0.00184	0.020286
Contig6602_at	-0.9803	2.84E-05	0.006957	-0.5268	0.001846	0.020329
Contig14488_at	-0.8053	0.002346	0.035205	-0.8379	0.001854	0.02039
Contig9357_at	-0.9518	7.59E-05	0.008571	-0.5845	0.001883	0.020448
Contig5100_s_at	0.5361	0.000188	0.012296	0.3754	0.001872	0.020448
X68656_s_at	-1.1273	0.000888	0.022977	-0.9981	0.001878	0.020448
Contig3419_at	0.4757	0.000905	0.023183	0.4223	0.001884	0.020448
Contig1615_s_at	-1.2704	0.002137	0.033705	-1.2996	0.001866	0.020448
Contig11668_at	0.4035	0.003716	0.043533	0.4537	0.001881	0.020448
Contig10867_at	-0.7976	0.004159	0.045871	-0.9168	0.001862	0.020448
Contig12003_at	-0.6015	0.004611	0.04852	-0.7038	0.001872	0.020448

Contig4911_at	-1.5046	0.000695	0.020616	-1.2798	0.001895	0.020461
HV_CEA0006F12r2_s_at	-0.5712	0.000813	0.022321	-0.4979	0.001896	0.020461
Contig4817_at	0.7004	0.001273	0.027222	0.656	0.001895	0.020461
Contig8428_at	-0.7257	0.002141	0.033705	-0.741	0.00189	0.020461
Contig3801_at	-0.3864	0.00206	0.033199	-0.3916	0.001901	0.020483
Contig11548_at	-1.1174	0.00379	0.043787	-1.258	0.001907	0.020483
Contig4376_at	-1.1405	0.00101	0.024033	-1.0276	0.001911	0.020488
Contig4951_at	0.6004	0.00133	0.027625	0.5643	0.001935	0.020647
Contig14578_at	-1.2909	0.000533	0.01867	-1.0492	0.001946	0.02069
Contig13417_at	0.9975	0.001894	0.031577	0.9925	0.001951	0.020724
Contig9767_at	0.5935	0.001411	0.02803	0.562	0.001961	0.020775
Contig4712_at	-0.8053	0.001513	0.028688	-0.7708	0.001971	0.020799
Contig8323_at	-0.4572	0.004725	0.049248	-0.5318	0.00199	0.020922
Contig5584_at	-0.5663	0.002474	0.03591	-0.5858	0.002025	0.021079
Contig10254_s_at	-0.8311	0.000512	0.018635	-0.666	0.002042	0.021206
HVSMEn0009M15f_s_at	-1.0555	0.003996	0.044945	-1.1862	0.00204	0.021206
Contig14976_at	-0.8179	0.002166	0.033848	-0.8254	0.002051	0.021262
Contig13152_at	-0.7301	0.000634	0.019874	-0.6029	0.002076	0.021439
Contig7139_at	0.7084	0.003357	0.041506	0.7665	0.002125	0.021741
Contig13057_at	-0.7385	0.000302	0.015087	-0.5423	0.002138	0.021847
Contig10551_at	-1.192	0.00132	0.027625	-1.099	0.002154	0.021978
Contig9882_s_at	-0.9903	0.001356	0.027747	-0.9167	0.002159	0.021993
Contig1023_at	0.554	0.004223	0.046172	0.6226	0.002164	0.022006
Contig17511_at	0.6059	0.003739	0.043533	0.6659	0.002171	0.022016
HVSMeg0010J21r2_s_at	-0.6892	0.001268	0.027193	-0.6298	0.002186	0.022051
Contig5422_at	-0.952	0.000791	0.02202	-0.8054	0.002208	0.022225
HU13L18u_s_at	-0.5999	0.001506	0.028671	-0.5611	0.002246	0.022502
Contig9628_at	-0.6021	0.000275	0.014602	-0.4315	0.002272	0.022693
Contig13162_at	0.4593	0.002067	0.033199	0.4517	0.00228	0.022753
Contig8764_at	-0.8054	0.000308	0.015248	-0.5862	0.002293	0.02278
Contig4187_at	-1.0725	0.003132	0.040455	-1.1325	0.002284	0.02278
HY04L12T_s_at	0.5859	0.003489	0.042323	0.6303	0.002289	0.02278
Contig7300_at	0.6918	0.002386	0.035399	0.6961	0.002301	0.022799
Contig3810_at	-1.5752	0.001255	0.027114	-1.4242	0.002304	0.022802
Contig651_at	0.8039	0.000908	0.023183	0.6897	0.002312	0.022837
Contig11062_at	-0.8907	0.000678	0.020537	-0.729	0.002329	0.022975
Contig2750_s_at	0.5546	0.003601	0.042984	0.5979	0.002336	0.023029
Contig7522_s_at	0.6897	0.002914	0.039082	0.7162	0.00234	0.023038
Contig8066_s_at	0.8103	0.001558	0.028973	0.7554	0.002368	0.023136
Contig21240_at	-1.0117	0.001495	0.028671	-0.9326	0.002431	0.023561
Contig10666_at	-0.7713	0.003192	0.040794	-0.8061	0.002474	0.023747
Contig6343_at	-1.0347	0.000345	0.015944	-0.7559	0.002477	0.023752
Contig21864_at	-0.7554	1.75E-05	0.005637	-0.3615	0.002481	0.023758
Contig14406_at	-1.0017	0.000825	0.022411	-0.8362	0.002483	0.023758
Contig24882_at	-0.8784	0.003724	0.043533	-0.9425	0.002487	0.02378
Contig4105_s_at	0.6839	0.001287	0.027332	0.6127	0.002491	0.023803
Contig5916_at	-0.9614	0.000998	0.023987	-0.8265	0.002495	0.023826
Contig4935_at	-1.0849	0.00019	0.012296	-0.7227	0.002532	0.024066
Contig9638_at	-1.0761	0.000436	0.017825	-0.8114	0.002529	0.024066
Contig14052_at	-0.5413	0.002669	0.037376	-0.546	0.002539	0.024089
Contig13642_at	-0.8216	0.000415	0.017676	-0.614	0.002549	0.024148
Contig23198_at	-1.4085	0.002083	0.033279	-1.3597	0.002562	0.024223
Contig1734_at	-1.247	0.000126	0.010287	-0.7785	0.002614	0.024504
Contig5733_at	0.4755	0.003091	0.040298	0.4895	0.002615	0.024504
HW03O14u_s_at	-0.6185	0.000588	0.019346	-0.4847	0.002639	0.024547

Contig8183_at	1.0442	0.000651	0.020202	0.8302	0.002658	0.024547
HW01K16u_at	-0.8497	0.000519	0.018635	-0.6521	0.002663	0.024575
Contig4458_at	-1.0455	0.000835	0.022467	-0.8634	0.002673	0.02465
Contig2446_at	-1.6167	3.82E-05	0.006957	-0.8492	0.002683	0.024703
Contig9991_at	-0.5571	0.004116	0.045619	-0.6003	0.002693	0.024766
HS05B02u_s_at	-0.8649	0.000194	0.012371	-0.5699	0.002748	0.025074
Contig18640_at	0.6096	0.000495	0.018569	0.462	0.002747	0.025074
Contig11324_at	0.3801	0.002253	0.03439	0.3674	0.002749	0.025074
Contig11929_at	-0.6857	0.002699	0.037582	-0.6834	0.002751	0.025074
Contig8591_at	-0.6968	0.002423	0.035546	-0.6815	0.002758	0.0251
Contig845_s_at	-1.757	0.001448	0.02819	-1.5758	0.002766	0.025155
Contig7686_at	-1.043	0.000675	0.020537	-0.8279	0.002771	0.025188
Contig22689_at	-1.0653	0.00024	0.013812	-0.7225	0.002789	0.025304
EBro01_SQ004_B20_at	1.0148	0.001234	0.026924	0.8848	0.002801	0.025388
Contig12257_at	0.6501	0.000666	0.020509	0.5135	0.002816	0.025432
Contig18300_at	-0.7813	0.004446	0.047523	-0.8473	0.002812	0.025432
Contig10768_s_at	-1.0864	0.000257	0.01403	-0.7428	0.002822	0.025443
Contig10650_at	-1.2543	0.001482	0.028588	-1.123	0.002856	0.025581
Contig1216_s_at	-1.2825	0.004836	0.049536	-1.4092	0.002849	0.025581
Contig2756_at	-0.9801	0.002352	0.035205	-0.9415	0.00297	0.026129
Contig13038_at	1.0472	0.000533	0.01867	0.7911	0.00299	0.02623
Contig10552_at	-0.8377	0.00051	0.018635	-0.6266	0.003043	0.026613
Contig3976_at	-0.6759	0.000516	0.018635	-0.5061	0.003053	0.026688
Contig4123_at	-1.0447	0.003834	0.044081	-1.0873	0.003056	0.026695
Contig5825_s_at	-0.8929	0.000201	0.012614	-0.5802	0.003073	0.026714
Contig3616_at	0.4503	0.001985	0.032515	0.417	0.003107	0.026912
HVSMEm0003G02r2_at	-0.862	0.00342	0.041905	-0.8759	0.003124	0.027007
Contig8574_at	-1.5737	0.000364	0.016406	-1.1116	0.003151	0.027154
HV_CEb0007N06r2_at	-1.5352	0.000362	0.016343	-1.0816	0.003179	0.027327
Contig26114_at	-2.6563	0.00125	0.0271	-2.2701	0.003179	0.027327
Contig995_at	0.4012	0.002902	0.039049	0.3947	0.003187	0.027371
Contig9449_s_at	0.6886	0.000154	0.011174	0.4271	0.003202	0.027434
HT05P05u_s_at	0.7346	0.001079	0.024744	0.6119	0.003214	0.027502
Contig20128_at	-0.7056	0.001921	0.031823	-0.6452	0.003238	0.027632
Contig14699_at	-0.8254	0.004311	0.046769	-0.8674	0.003263	0.027803
HVSMEa0001J12r2_at	-1.5744	0.001085	0.02485	-1.3084	0.003275	0.027864
Contig13517_s_at	-1.7918	0.000544	0.018811	-1.3349	0.003291	0.027925
Contig2916_at	-1.0869	0.000175	0.012135	-0.6825	0.003324	0.028117
HU11H18u_s_at	-0.7381	0.000521	0.018635	-0.5454	0.003322	0.028117
Contig2087_s_at	-2.1516	0.000302	0.015087	-1.4634	0.00333	0.028152
Contig12493_at	-0.6561	0.000898	0.023156	-0.5271	0.003343	0.028197
Contig6545_at	-1.1623	0.000206	0.012681	-0.746	0.003351	0.028227
Contig7363_at	0.5727	0.001875	0.03143	0.5176	0.003381	0.02837
Contig13565_at	0.6715	0.001001	0.023987	0.5471	0.003406	0.028509
Contig19601_at	-2.2966	0.003115	0.040338	-2.2571	0.003439	0.028708
Contig19029_at	-0.7101	0.000844	0.022589	-0.5618	0.003451	0.028778
HVSMEc0009B07r2_s_at	0.8901	0.001171	0.026079	0.7408	0.003483	0.028955
HA16L09r_s_at	-1.2411	0.002633	0.037172	-1.1817	0.003489	0.028968
Contig13881_at	-0.5451	0.000867	0.022888	-0.4318	0.003515	0.029019
Contig10451_at	-0.9379	0.002017	0.032852	-0.8509	0.003548	0.029202
Contig11779_at	-0.6939	0.001504	0.028671	-0.598	0.003601	0.029405
Contig6366_at	0.6196	0.000153	0.011174	0.3759	0.00361	0.029429
Contig17541_at	-1.1684	1.51E-05	0.00532	-0.513	0.003624	0.029505
EBpi07_SQ002_L11_s_at	-1.3804	0.001245	0.027099	-1.1515	0.003635	0.029529
Contig10090_at	-0.962	6.88E-05	0.008483	-0.5188	0.00369	0.029734

Contig20240_at	0.4651	0.000214	0.01289	0.2952	0.003686	0.029734
Contig14032_at	-1.2188	0.002591	0.036887	-1.1463	0.003679	0.029734
Contig2279_s_at	0.6943	0.004802	0.049471	0.7279	0.003694	0.029752
Contig12550_at	-1.4712	0.000307	0.015248	-0.9837	0.003724	0.029866
Contig11284_at	0.6108	0.002066	0.033199	0.5501	0.003782	0.030147
Contig7100_at	-1.236	0.000315	0.015338	-0.8266	0.003792	0.030177
HW07E14u_s_at	-0.5983	0.001883	0.031475	-0.5297	0.003813	0.030254
Contig23236_at	-0.8859	0.002236	0.034292	-0.8072	0.003817	0.030266
Contig9472_at	-0.5957	0.002916	0.039082	-0.5674	0.003845	0.030393
Contig2643_at	-1.0023	0.004755	0.049248	-1.0411	0.003853	0.030403
Contig7478_at	-0.8039	0.002767	0.038137	-0.7565	0.00391	0.030733
Contig9181_at	0.7413	0.000474	0.018325	0.5237	0.003939	0.030892
Contig4930_at	-1.2213	0.000598	0.019446	-0.8927	0.003977	0.03108
Contig6939_at	-1.2135	0.002045	0.033059	-1.0805	0.003991	0.031131
Contig10590_at	-0.9697	0.001537	0.028847	-0.8211	0.004052	0.031452
HVSMEa0006I23r2_x_at	3.0956	0.003663	0.043359	-3.0387	0.004063	0.031457
Contig4454_at	0.6552	0.000696	0.020616	0.4882	0.00408	0.03152
Contig10871_at	-0.9572	0.001034	0.024206	-0.7591	0.004081	0.03152
Contig17608_at	0.64	0.000712	0.020757	0.4779	0.00411	0.031655
Contig6351_at	-1.3693	0.00016	0.011389	-0.8165	0.004118	0.031684
HVSMEa0012C22f_at	-1.0487	0.004267	0.046428	-1.055	0.004128	0.03174
Contig1824_s_at	0.5711	0.004493	0.047844	0.579	0.004166	0.031963
Contig18316_at	0.5842	0.004356	0.047016	0.5881	0.004197	0.032161
Contig11883_at	0.5346	0.00437	0.047052	0.5368	0.004271	0.032374
Contig1402_at	-1.4369	0.001222	0.026783	-1.16	0.004291	0.032474
HVSMEf0003M09r2_at	-0.6077	0.004202	0.04606	-0.6048	0.004314	0.032558
Contig24607_at	-1.1038	0.003007	0.03971	-1.0352	0.004317	0.032562
Contig4518_s_at	0.8369	0.004454	0.047523	0.84	0.004364	0.032809
Contig3468_s_at	0.5981	0.003081	0.040282	0.5618	0.004381	0.032836
Contig18921_at	0.4749	0.003956	0.044731	0.4658	0.004402	0.032938
Contig5435_at	-0.5103	0.002973	0.039357	-0.4744	0.004484	0.033206
Contig10061_s_at	-1.0325	0.000522	0.018635	-0.7221	0.004527	0.033414
Contig19814_at	0.4968	0.004003	0.044945	0.486	0.004522	0.033414
Contig7876_at	-1.0577	4.66E-05	0.007382	-0.5205	0.004535	0.033415
Contig8424_s_at	-0.873	0.001329	0.027625	-0.7072	0.00454	0.033435
Contig4345_at	0.5771	0.003047	0.040089	0.5363	0.004596	0.03367
Contig17678_at	0.5699	0.004139	0.045798	0.5592	0.004592	0.03367
Contig11437_s_at	1.1018	0.000914	0.023285	0.8374	0.004631	0.033808
Contig8914_s_at	-0.7756	0.000679	0.020537	-0.5618	0.004669	0.033991
Contig4199_at	-1.164	0.000255	0.014013	-0.7255	0.004709	0.034166
Contig11788_at	-0.7821	0.000637	0.019892	-0.5595	0.004731	0.034241
Contig20094_at	-0.7613	0.002242	0.034292	-0.6676	0.004731	0.034241
Contig23603_at	-1.2211	0.001717	0.030235	-1.0229	0.004759	0.034384
Contig12593_at	0.39	0.003289	0.041138	0.3648	0.004774	0.03444
Contig10656_at	-0.8314	0.001824	0.031117	-0.7028	0.004785	0.034497
Contig12690_at	-1.3006	0.000314	0.015338	-0.8315	0.004856	0.03486
Contig14957_at	0.5242	0.004887	0.049764	0.5245	0.004871	0.034895
rbasd2c09_s_at	0.5197	0.001755	0.030546	0.4349	0.004883	0.034965
EBro03_SQ007_M15_at	-0.9715	0.004023	0.045028	-0.9348	0.004973	0.035247
Contig6935_at	0.3665	0.004578	0.048451	0.361	0.004975	0.035247
Contig8700_s_at	0.3837	0.001399	0.028007	0.3081	0.00499	0.035313
HV_CEA0008A14r2_s_at	-0.9537	0.001313	0.027625	-0.7576	0.004996	0.035337
Contig12958_at	0.7362	0.001829	0.03113	0.6175	0.005003	0.035367
Contig875_s_at	-0.7266	0.000611	0.019756	-0.511	0.005014	0.035411
Contig2933_at	-0.5536	0.002256	0.034398	-0.4805	0.005033	0.035451

HVSMEm0023L02r2_s_at	0.7644	0.003531	0.042594	0.7156	0.005088	0.035706
Contig4650_s_at	-0.8223	0.000572	0.019052	-0.5703	0.005119	0.035772
Contig2982_at	0.6305	0.000791	0.02202	0.4599	0.005113	0.035772
Contig11557_at	-0.7794	0.000645	0.020107	-0.5503	0.005134	0.03582
Contig19290_at	1.1406	0.003419	0.041905	1.0598	0.005138	0.035835
Contig10457_at	-0.9686	0.000489	0.018455	-0.6536	0.005206	0.036077
Contig15890_at	1.0736	0.004631	0.0486	1.0508	0.005208	0.036077
Contig7702_at	0.5526	0.00336	0.041506	0.5105	0.005215	0.036089
Contig18315_at	-0.4966	0.003322	0.041245	-0.4576	0.005227	0.036151
rbaal15p09_s_at	-0.8791	0.001861	0.031356	-0.7328	0.005255	0.036215
Contig8895_at	0.7298	0.001424	0.02808	0.5809	0.005313	0.036485
Contig4685_at	0.4949	0.003255	0.041118	0.4531	0.005313	0.036485
Contig5979_at	0.8248	0.003317	0.041245	0.756	0.005377	0.036607
Contig565_at	0.5164	0.003243	0.041112	0.471	0.005398	0.036726
Contig7725_at	0.3742	0.001917	0.031796	0.3118	0.005411	0.036769
Contig13989_at	0.3089	0.001682	0.03002	0.2516	0.005445	0.036847
Contig1546_at	0.3595	0.00186	0.031356	0.2978	0.00544	0.036847
rbaal31j11_s_at	-0.7907	0.003999	0.044945	-0.7472	0.00545	0.036857
Contig5275_at	-1.8738	0.003166	0.040576	-1.6969	0.005489	0.037068
HS18C20u_at	-2.6849	0.003946	0.044731	-2.5278	0.005492	0.037068
Contig2864_s_at	-0.7449	0.000682	0.020537	-0.5235	0.005517	0.037073
Contig8974_at	-0.6526	0.000839	0.022507	-0.4739	0.005505	0.037073
HVSMef0023D17f_s_at	-1.3854	0.002945	0.039167	-1.2379	0.00551	0.037073
Contig2560_at	-0.7793	0.002092	0.033279	-0.6557	0.005557	0.037177
Contig3856_at	-0.8123	0.002474	0.03591	-0.7033	0.005555	0.037177
EBma08_SQ002_F06_at	-3.0634	0.004161	0.045871	-2.9053	0.005558	0.037177
Contig7454_at	-1.0833	0.000425	0.017825	-0.7062	0.005592	0.037274
Contig15713_at	0.6403	0.00249	0.036029	0.5532	0.005653	0.037533
HVSMeg0002K18r2_s_at	-0.9722	0.003514	0.042489	-0.8905	0.0057	0.037708
Contig16778_at	-0.7144	0.004224	0.046172	-0.6762	0.005702	0.037708
Contig10152_at	-1.0512	0.001073	0.024688	-0.7846	0.005865	0.038222
Contig20206_at	-0.7276	0.003853	0.044168	-0.6733	0.005891	0.038339
Contig14138_at	-0.8059	0.002145	0.03371	-0.6726	0.005938	0.038547
Contig7543_at	-1.0033	7.48E-05	0.008571	-0.5005	0.006033	0.038863
Contig10964_at	-0.5899	0.002872	0.038899	-0.5157	0.006054	0.038936
Contig11287_s_at	-0.7502	0.002037	0.033009	-0.6175	0.006101	0.039135
Contig13905_at	-0.7259	0.002726	0.037739	-0.6277	0.006111	0.039158
Contig4268_s_at	0.8844	0.000592	0.019402	0.5949	0.006203	0.039542
Contig16853_at	-0.8784	0.003569	0.042809	-0.7934	0.006231	0.03957
Contig12335_at	-0.6609	0.000675	0.020537	-0.4507	0.00643	0.040124
Contig20462_at	-0.5057	0.001218	0.026783	-0.3791	0.006392	0.040124
Contig6529_at	0.4836	0.002357	0.035205	0.4041	0.006424	0.040124
Contig11076_at	-0.5761	0.003029	0.03996	-0.503	0.006397	0.040124
HVSMEb0007E01r2_at	-3.7109	0.000207	0.012681	-2.1122	0.006504	0.040401
Contig12340_at	0.7982	0.001555	0.028973	0.6204	0.006512	0.040401
Contig21119_at	-0.5088	0.001627	0.029499	-0.3983	0.006526	0.040414
Contig7044_at	-1.1445	0.000381	0.016766	-0.7122	0.006566	0.040492
Contig13692_x_at	-1.3083	0.002153	0.033776	-1.0638	0.006838	0.0415
Contig9289_at	-0.6107	0.002727	0.037739	-0.5162	0.0069	0.04169
Contig9319_at	-0.6604	0.00353	0.042594	-0.5837	0.006909	0.041708
Contig9449_at	0.9762	7.18E-05	0.008487	0.4715	0.00694	0.041735
EBma03_SQ003_J21_s_at	-1.2067	0.000594	0.019417	-0.795	0.006942	0.041735
Contig12803_at	-0.9294	0.000783	0.021985	-0.6393	0.006934	0.041735
Contig13552_at	-0.9905	0.004331	0.046884	-0.9078	0.006928	0.041735
Contig8862_at	0.7417	0.000623	0.019767	0.4912	0.007017	0.041979



Contig7958_at	-0.9171	0.001372	0.027837	-0.688	0.007043	0.042063
Contig8713_at	0.5935	0.002732	0.037757	0.4996	0.007056	0.04208
Contig4283_at	-1.096	0.002299	0.034904	-0.8858	0.007476	0.043579
Contig10363_at	1.0351	0.003123	0.040371	0.8822	0.007467	0.043579
HA12F12u_s_at	0.9013	0.004744	0.049248	0.8261	0.007546	0.043725
Contig14024_at	1.1942	0.000555	0.018842	0.7652	0.007601	0.043775
Contig19081_at	-2.7061	0.001535	0.028847	-2.0394	0.007568	0.043775
HA22J02r_at	0.5085	0.000827	0.022411	0.346	0.007674	0.044021
Contig8548_at	-0.798	0.001752	0.030546	-0.6115	0.007773	0.044257
Contig4690_s_at	-1.234	0.003212	0.040971	-1.0488	0.007772	0.044257
Contig19392_at	0.4807	0.001912	0.03175	0.3737	0.007789	0.044318
Contig16412_at	-0.8314	0.000427	0.017825	-0.5088	0.007828	0.044415
Contig9154_at	0.4712	0.002187	0.033915	0.3742	0.007837	0.044433
Contig9696_s_at	-0.8291	0.001786	0.030764	-0.6363	0.007842	0.044441
Contig17718_at	-0.8047	0.002837	0.038663	-0.6677	0.007865	0.044513
Contig13373_at	-0.9907	0.000103	0.009556	-0.4912	0.007892	0.044611
Contig6531_at	0.8195	0.001242	0.027071	0.5913	0.007927	0.044709
rbaal7g10_at	-1.7006	0.001843	0.031272	-1.308	0.007968	0.04476
Contig20627_at	-0.8399	0.00043	0.017825	-0.5118	0.008044	0.045046
baal20h20_at	-0.9946	0.003291	0.041138	-0.843	0.008054	0.045053
rbags1e22_s_at	0.5734	0.001985	0.032515	0.444	0.008202	0.045584
Contig6180_s_at	-0.6715	0.002431	0.035546	-0.538	0.008209	0.045584
Contig8901_at	0.5979	0.000672	0.020537	0.3884	0.008236	0.045619
Contig15440_at	0.543	0.001465	0.028362	0.3994	0.008236	0.045619
Contig23272_at	0.7184	0.002361	0.035205	0.5718	0.008282	0.045656
Contig11047_at	0.5468	0.000722	0.020897	0.3585	0.008324	0.045798
Contig11167_at	0.8055	0.00122	0.026783	0.5737	0.008347	0.045903
Contig10808_at	-0.7121	0.002155	0.033776	-0.5567	0.008385	0.046009
Contig8612_at	0.7605	0.00285	0.038762	0.6236	0.008386	0.046009
Contig14348_at	-1.062	0.003165	0.040576	-0.8841	0.008527	0.046459
HVSMEm0019L10r2_s_at	-0.8652	8.45E-05	0.008789	-0.4102	0.008602	0.046643
Contig4748_s_at	-0.9577	0.000467	0.01832	-0.5835	0.008596	0.046643
Contig11134_at	-0.6958	0.002892	0.038981	-0.5681	0.008691	0.046934
Contig17934_at	-1.1822	0.00177	0.030701	-0.8864	0.008767	0.047155
Contig25673_at	-1.0222	0.000249	0.01398	-0.5641	0.008802	0.047191
Contig10379_at	-1.1499	0.00086	0.022736	-0.7666	0.008797	0.047191
Contig15496_at	-1.0251	0.000186	0.012261	-0.5414	0.008836	0.047244
EBma08_SQ003_G06_at	-0.6987	0.001571	0.02902	-0.5129	0.008828	0.047244
HY08L08u_s_at	0.5491	0.002205	0.034008	0.4266	0.00883	0.047244
Contig7143_s_at	0.3876	0.00458	0.048451	0.3419	0.008886	0.047376
Contig272_s_at	0.726	0.003897	0.0445	0.6212	0.008941	0.047593
Contig12800_s_at	-0.8218	0.001142	0.0257	-0.5713	0.008945	0.047594
Contig16821_at	-1.35	1.25E-05	0.004853	-0.4871	0.009014	0.047832
HVSM Ea0001L07r2_s_at	0.7634	0.002269	0.034529	0.593	0.009057	0.047994
Contig21203_at	0.6847	0.003922	0.044677	0.585	0.009066	0.047994
Contig5643_s_at	-0.6337	0.001499	0.028671	-0.4588	0.009111	0.048109
Contig18681_at	0.9644	0.002425	0.035546	0.754	0.009278	0.048677
Contig9278_s_at	-1.4897	0.001049	0.024439	-1.0124	0.009358	0.048901
Contig6884_s_at	-0.6559	0.001057	0.024516	-0.4462	0.009369	0.048901
Contig17609_at	-0.9227	0.003037	0.039999	-0.7487	0.009363	0.048901
Contig22403_at	0.7737	0.001786	0.030764	0.5731	0.009394	0.048979
Contig4618_at	-0.6659	0.002408	0.035535	-0.5168	0.009572	0.049637
Contig8596_at	-1.0563	5.03E-05	0.007558	-0.4552	0.009632	0.049869

high or low poly/total ratio in