

Gene code	WT/R vs. hy5/R		WT/B vs. hy5/B		WT/FR vs. hy5/FR	WT/WL vs. hy5/WL
cop1-6/D vs. WT/D						
AA067463	0.973	1.584	1.528	1.342	6.441	
AA067471	1.762	1.892	3.281	1.426	10.872	
AA067530	0.817	0.805	2.508	1.444	4.887	
At1g01060	2.01	1.523	1.582	0.704	5.277	
At1g01350	2.531	3.119	1.715	0.942	3.404	
At1g01770	1.293	1.409	0.647	1.505	0.485	
At1g01900	0.766	0.994	0.735	0.834	0.426	
At1g02130	1.18	1.651	1.483	1.122	2.16	
At1g02200	0.485	0.431	0.165	0.695	0.083	
At1g02300	1.01	0.9725	0.667	1.0095	0.417	
At1g02340	1.076	1.062	1.154	1.056	2.067	
At1g02360	0.844	0.827	1.592	0.855	3.48	
At1g02560	0.769	1.379	1.812	0.86	3.186	
At1g02920	0.602	0.873	0.179	0.331	0.07	
At1g02930	0.459	0.648	0.159	0.446	0.082	
At1g03030	1.246	1.36	1.711	1.249	2.941	
At1g03130	1.743	1.493	2.599	1.559	5.665	
At1g03170	1.394	1.151	0.875	1.313	0.455	
At1g03210	2.185	1.899	3.219	2.18	13.118	
At1g03220	0.571	0.726	0.671	0.747	0.186	
At1g03230	0.62	0.926	0.751	0.872	0.267	
At1g03600	0.824	1.07	0.964	0.817	7.016	
At1g04440	1.537	0.978	0.728	1.352	0.432	
At1g04480	1.372	1.208	1.539	1.117	2.793	
At1g04680	1.237	1.479	1.626	1.491	2.902	
At1g04940	0.7	0.585	1.228	0.627	2.137	
At1g05000	1.064	1.58	2.655	1.237	6.437	
At1g05430	2.286	1.791	1.364	1.59	4.153	
At1g05850	1.176	0.951	1.161	1.264	4.001	
At1g07280	0.846	0.809	0.696	0.793	0.367	
At1g07610	0.786	0.355	2.605	0.77	1.126	
At1g08200	0.433	0.759	0.936	0.79	0.494	
At1g08410	2.077	2.377	0.891	1.657	2.74	
At1g08830	0.516	0.505	0.404	0.623	0.575	
At1g08940	0.895	1.492	0.335	1.007	0.107	
At1g09070	0.746	0.716	0.987	0.353	0.993	
At1g09100	1.106	1.449	1.515	1.456	3.336	
At1g09130	0.805	1.107	1.106	0.972	2.027	
At1g09210	1.942	2.927	1.197	1.43	2.61	
At1g09310	1.281	1.418	1.165	1.24	2.055	
At1g09560	0.581	0.634	0.636	0.656	0.341	
At1g09690	0.8975	0.596	3.787	0.684	3.439	
At1g09740	1.083	0.692	0.808	1.039	0.373	
At1g09970	1.103	1.049	0.584	0.917	0.322	
At1g10030	0.871	1.733	0.345	1.449	0.314	
At1g10390	1.04	1.438	1.672	1.236	3.552	
At1g10410	0.953	1.177	0.679	1.078	0.423	
At1g10460	1.032	1.753	1.075	1.096	2.619	
At1g10640	1.446	0.586	0.737	1.679	0.37	
At1g10670	0.86	0.748	0.633	1.066	0.314	
At1g11220	0.986	1.344	1.218	1.253	2.162	
At1g11260	1.475	1.792	2.074	1.504	7.242	
At1g11480	1.419	0.726	0.813	1.973	0.407	
At1g11530	1.166	1.138	0.395	1.142	0.214	
At1g11700	0.73	0.779	1.272	0.774	2.831	
At1g11880	1.07	0.681	0.628	0.915	0.441	
At1g11910	0.721	1.248	0.609	1.34	0.418	
At1g11930	1.179	0.974	1.483	1.036	2.73	
At1g12000	1.477	0.777	0.785	0.816	0.36	

At1g12110	0.9005	0.792	0.7605	1.1015	0.499
At1g12200	0.886	1.405	2.461	0.828	7.346
At1g12440	0.797	1.2255	1.267	0.814	2.449
At1g12680	1.163	2.046	1.923	1.121	3.428
At1g12850	0.682	0.771	0.65	0.885	0.455
At1g12900	1.31	1.627	3.291	0.962	11.813
At1g12920	1.0535	1.1305	1.245	1.0195	2.064
At1g13020	1.08	1.277	1.135	1.28	2.071
At1g13060	0.949	0.999	1.233	0.905	2.63
At1g13120	1.171	1.418	1.555	1.125	2.163
At1g13300	1.211	0.83	0.762	0.917	0.451
At1g13860	0.246	0.283	1.779	0.362	0.513
At1g14140	1.157	1.735	1.894	1.246	5.392
At1g14360	0.781	0.914	0.626	0.791	0.396
At1g14510	0.939	1.16	0.764	1.196	0.397
At1g15100	1.232	1.412	1.419	1.173	2.5
At1g15260	1.097	1.191	1.052	1.319	2.268
At1g15370	0.837	0.917	2.045	0.975	1.839
At1g15790	2.325	2.086	1.304	2.269	1.466
At1g15820	1.571	1.155	2.865	1.375	9.239
At1g15840	0.798	0.728	0.75	0.77	0.42
At1g16180	0.634	0.496	0.59	1.114	0.569
At1g16190	0.92	1.36	1.556	1.048	6.262
At1g16320	1.377	1.975	1.227	0.941	2.003
At1g16780	1.652	0.953	0.711	2.015	0.748
At1g16860	1.083	0.817	0.686	1.102	0.453
At1g17010	0.888	0.917	0.73	0.852	0.304
At1g17100	1.125	1.275	1.738	0.702	3.467
At1g17190	0.667	1.096	0.662	1.186	0.412
At1g17200	0.889	1.165	1.57	1.108	2.51
At1g17280	1.114	1.529	2.756	1.356	5.025
At1g17340	0.967	1.125	0.666	0.84	0.395
At1g17620	0.908	0.718	0.641	0.799	0.442
At1g17740	0.822	0.839	0.668	0.869	0.366
At1g17860	0.611	0.804	0.504	0.781	0.48
At1g18040	1.779	1.186	1.298	1.549	2.827
At1g18700	1.365	0.718	0.754	1.877	0.434
At1g18800	1.289	1.483	1.694	1.319	3.655
At1g18840	0.849	0.786	0.59	1.055	0.371
At1g18880	1.086	1.138	0.867	0.949	0.46
At1g19080	0.968	0.87	0.819	1.088	0.494
At1g19130	1.053	1.404	1.312	1.215	2.875
At1g19180	1.215	0.918	0.435	0.382	0.445
At1g19520	0.631	0.593	0.787	0.663	0.388
At1g19540	0.383	0.795	1.078	0.776	0.598
At1g19870	1.378	1.126	0.705	1.228	0.47
At1g20090	1.247	0.957	1.0355	0.909	2.018
At1g20340	1.5195	1.575	2.0895	1.237	12.496
At1g20380	1.208	1.919	1.516	1.22	2.608
At1g20440	1.144	0.846	2.7	1.996	0.338
At1g20450	1.546	0.613	0.939	1.593	0.332
At1g20620	0.762	0.696	0.845	1.031	0.447
At1g21000	0.658	0.854	1.41	0.61	3.713
At1g21100	0.711	1.48	0.576	0.933	0.436
At1g21310	0.76	1.176	0.384	1.342	0.291
At1g21400	1.151	2.137	1.971	1.512	1.474
At1g21680	2.055	2.32	2.032	2.03	4.65
At1g21920	0.655	1.406	0.598	0.973	0.305
At1g22530	0.823	0.664	0.966	1.158	0.392
At1g22630	1.606	1.253	1.437	1.057	2.26

At1g22710	1.13	1.135	1.124	1.002	3.145
At1g22850	0.857	0.806	0.554	1.038	0.475
At1g23180	0.612	0.781	0.4	0.726	0.142
At1g23310	1.698	0.878	1.173	0.854	3.271
At1g23960	0.415	0.54	0.625	0.635	0.474
At1g24020	1.004	0.741	1.679	0.926	2.301
At1g24030	2.241	1.424	1.1895	1.277	2.11
At1g24050	1.031	0.971	0.501	0.761	0.25
At1g24090	1.025	0.507	0.805	1.248	0.365
At1g25230	0.707	0.543	0.618	1.199	0.335
At1g25370	0.674	0.621	0.717	0.832	0.481
At1g25400	1	1.485	2.669	1.199	6.82
At1g26220	1.255	1.921	2.036	1.121	4.439
At1g26640	0.874	0.797	0.698	1.006	0.459
At1g26670	1.253	1.281	0.953	1.27	3.249
At1g28330	1.328	1.276	0.627	1.3745	0.198
At1g28400	0.853	0.831	0.551	1.046	0.462
At1g28440	0.409	0.664	0.797	0.827	0.345
At1g29020	1.057	0.74	0.46	1.033	0.516
At1g29150	0.55	0.65	0.982	1.1755	0.441
At1g29340	1.186	0.721	0.751	1.614	0.434
At1g29660	1.094	0.899	2.123	0.99	2.619
At1g29910	1.659	1.232	0.841	2.023	0.627
At1g29930	2.002	1.5505	2.238	1.483	7.303
At1g30200	1.25	1.819	1.505	1.205	2.16
At1g30440	1.283	1.163	1.482	1.196	2.659
At1g30630	0.522	0.698	0.676	0.816	0.451
At1g31070	0.871	0.829	0.642	0.934	0.483
At1g31330	1.205	1.435	3.398	1.426	8.396
At1g31460	0.925	0.698	0.732	1.049	0.47
At1g31730	0.53	0.594	0.897	0.977	0.47
At1g32060	1.1435	1.7475	1.747	0.932	2.7725
At1g32100	0.601	0.789	0.9345	0.898	0.361
At1g32470	1.091	1.28	1.89	0.898	5.499
At1g32640	1.184	0.689	0.556	0.398	0.243
At1g33240	1.154	1.297	1.063	1.274	2.146
At1g33730	0.615	0.529	0.826	0.775	0.459
At1g34000	1.632	1.881	2.138	1.26	4.9
At1g34190	0.626	0.958	0.389	1.329	0.278
At1g35420	1.346	1.304	1.839	1.108	4.15
At1g35470	1.23	1.676	1.387	1.094	2.144
At1g35490	0.538	0.586	0.697	0.781	0.409
At1g35720	0.7535	0.844	0.991	1.112	0.384
At1g35950	1.189	1.488	1.34	1.603	3.745
At1g36050	0.952	0.705	1.326	0.726	2.74
At1g41880	0.98	0.498	1.252	0.657	1.26
At1g42470	1.329	1.971	2.355	1.365	5.503
At1g42570	0.748	0.766	0.725	1.262	0.403
At1g43160	1.136	0.997	0.599	0.636	0.215
At1g43890	2.164	1.749	3.124	1.815	5.937
At1g44000	1.453	1.116	1.127	0.73	2.306
At1g44100	0.806	0.409	1.34	0.785	2.464
At1g45130	0.817	0.626	0.518	1.055	0.311
At1g47710	0.565	0.447	0.13	0.733	0.122
At1g47740	1.021	1.078	1.146	1.048	2.899
At1g48030	1.051	1.344	1.265	1.088	2.404
At1g48300	2.677	2.265	1.237	1.378	0.536
At1g48350	0.629	0.655	1.373	0.722	3.699
At1g48380	0.757	1.145	1.872	1.202	3.162
At1g48410	0.55	0.863	0.722	1.245	0.434
At1g49210	1.54	1.507	1.635	1.362	2.213

At1g49820	1.0255	1.051	0.903	1.042	2.734
At1g50360	1.604	1.08	3.039	1.405	11.248
At1g50560	0.952	0.872	0.766	0.955	0.402
At1g50600	0.963	1.345	2.197	1.124	5.204
At1g50660	1.2995	3.055	2.012	0.9275	4.876
At1g50900	0.9955	1.455	0.848	0.899	2.909
At1g51400	2.603	1.79	1.831	1.82	4.237
At1g51500	0.709	0.662	0.79	0.918	0.403
At1g51640	1.743	1.416	0.938	1.633	2.468
At1g51680	1.393	1.049	0.474	1.216	0.401
At1g51700	1.35	1.276	1.002	0.466	0.723
At1g52100	0.282	0.54	0.995	0.91	1.803
At1g52370	0.942	1.041	1.168	0.968	2.363
At1g52690	0.253	0.323	0.631	0.205	0.83
At1g52890	0.607	1.0525	0.788	1.073	0.367
At1g53310	0.753	1.25	0.699	0.71	0.385
At1g53450	1.22	1.307	1.221	1.192	2.017
At1g53640	0.601	0.728	0.355	0.648	0.178
At1g54000	0.414	0.935	1.082	0.633	1.057
At1g54010	0.329	0.253	0.897	0.57	0.759
At1g54100	0.537	0.919	0.877	0.85	0.383
At1g55240	1.529	1.178	1.208	1.231	2.518
At1g55250	1.653	1.706	1.229	2.409	1.184
At1g55670	1.615	1.787	3.14	1.755	7.439
At1g55680	0.835	0.911	0.646	0.942	0.424
At1g55800	1.276	1.189	1.795	1.194	3.536
At1g55890	0.976	0.739	1.232	0.814	3.092
At1g56580	0.714	0.467	0.707	0.901	0.505
At1g56600	0.713	0.6	0.508	0.772	0.297
At1g56700	1.089	1.855	2.034	1.232	4.857
At1g58250	1.089	1.644	1.573	0.996	2.504
At1g58290	1	1.222	1.363	1.216	3.175
At1g59670	0.709	0.634	0.378	0.776	0.207
At1g59780	2.706	2.304	2.985	2.434	8.065
At1g59900	1.029	0.796	0.588	0.896	0.393
At1g60610	0.926	0.676	0.457	0.995	0.382
At1g60950	0.653	1.076	2.292	0.69	6.917
At1g61520	1.225	1.534	2.146	1.579	4.362
At1g61670	1.072	1.068	0.544	1.49	0.43
At1g61740	0.297	0.291	1.332	0.584	1.507
At1g62070	2.267	1.606	2.139	1.707	7.073
At1g62080	1.653	1.564	0.295	2.103	0.264
At1g62220	1.138	0.961	0.434	1.125	0.366
At1g62870	0.885	0.892	0.575	0.486	0.63
At1g62970	1.655	1.053	0.397	1.346	0.417
At1g63900	1.724	1.782	1.919	0.796	2.79
At1g64330	0.463	0.597	0.918	0.938	0.363
At1g64470	1.0445	1.0065	0.543	0.904	0.38
At1g64660	0.733	0.57	0.522	0.9125	0.218
At1g64680	1.572	1.285	1.327	1.271	2.283
At1g64970	1.356	1.0965	1.612	1.152	2.465
At1g64980	1.48	1.558	1.309	1.496	2.542
At1g64990	1.405	2.105	3.809	1.116	16.29
At1g65230	1.525	1.624	0.975	1.19	4.318
At1g65310	0.549	0.505	0.412	0.898	0.287
At1g65970	1.047	0.651	0.967	0.918	0.474
At1g66270	0.679	1.24	0.766	1.074	0.363
At1g66280	0.625	0.895	0.712	0.972	0.336
At1g66700	0.93	0.875	0.173	0.708	0.15
At1g66730	0.987	1.075	0.71	1.097	0.461

At1g67230	1.265	1.752	1.599	1.157	2.793
At1g67280	0.9315	0.743	1.0125	0.9215	0.499
At1g67350	1.228	1.471	2.416	1.176	5.841
At1g67680	1.379	1.339	0.894	1.403	3.033
At1g67700	1.5	1.335	1.357	1.275	2.425
At1g67740	1.16	1.251	3.692	1.237	7.923
At1g67800	0.954	1.091	0.618	0.96	0.388
At1g67870	2.626	1.447	0.962	1.449	1.525
At1g68010	1.039	1.062	0.868	1.0775	11.37
At1g68180	1.273	0.967	1.084	0.994	2.227
At1g68520	3.378	2.718	1.503	0.958	4.363
At1g68780	1.377	1.136	1.045	1.027	2.159
At1g68830	4.365	3.067	2.676	2.519	9.4
At1g69460	0.486	0.684	0.784	0.9705	0.8715
At1g69700	2.505	1.663	0.976	1.914	1.331
At1g69980	1.253	0.91	0.586	0.85	0.477
At1g70090	0.855	1.156	1.047	0.912	2.172
At1g70420	0.814	0.593	0.77	1.243	0.39
At1g70660	1.576	1.301	1.369	1.145	2.31
At1g70710	1.063	1.109	0.368	1.139	0.126
At1g70820	1.353	1.419	1.905	1.594	4.414
At1g70830	1.017	0.616	0.614	0.67	0.26
At1g70850	0.458	0.464	0.817	0.613	0.256
At1g71220	1.042	1.556	1.484	1.172	3.611
At1g71695	0.821	0.793	0.732	1.24	0.398
At1g72020	0.759	0.626	0.849	0.867	2.476
At1g72150	1.1315	0.865	1.113	1.499	0.4535
At1g72160	1.199	0.78	0.778	1.634	0.438
At1g72610	0.925	0.82	6.409	1.218	55.654
At1g72740	1.36	1.597	1.334	1.29	14.019
At1g72970	0.598	0.57	1.291	0.651	2.077
At1g73180	1.148	1.1	1.124	1.089	2.009
At1g73660	1.183	1.042	0.601	1.176	0.336
At1g73960	0.851	0.916	0.795	1.108	0.409
At1g74120	0.989	0.909	0.905	0.896	0.438
At1g74420	1.413	1.035	0.331	1.164	0.363
At1g74460	1.213	1.142	0.992	1.211	3.115
At1g74670	2.234	1.969	1.511	2.606	1.529
At1g74700	1.733	1.506	2.09	1.449	6.85
At1g74910	0.86	1.291	1.454	1.334	2.241
At1g75190	1.759	1.138	2.218	0.822	3.52
At1g75380	1.739	1.713	1.249	2.684	1.463
At1g75750	1.206	1.672	0.653	1.506	2.105
At1g76110	1.108	1.34	1.174	0.818	2.675
At1g76180	1.041	0.868	0.807	1.285	0.246
At1g76450	1.154	1.05	1.46	1.06	2.521
At1g76850	1.361	1.478	1.726	1.27	3.831
At1g76970	1.047	0.847	0.713	0.805	0.451
At1g76990	1.185	0.788	2.067	0.77	2.182
At1g77120	1.117	0.672	1.097	1.499	0.257
At1g77500	0.997	1.31	0.544	0.943	0.349
At1g77760	1.62	1.525	2.202	1.336	5.216
At1g77930	1.444	2.083	2.142	1.449	4.377
At1g78080	1.327	0.896	0.757	0.685	0.446
At1g78570	0.794	0.669	0.627	0.85	0.427
At1g78620	0.906	1.078	0.538	0.731	0.396
At1g78630	0.759	0.678	1.429	0.783	2.966
At1g78680	1.894	0.89	0.691	1.617	0.406
At1g78830	0.727	0.669	1.612	0.98	2.007
At1g78850	0.576	1.027	0.686	0.61	0.343
At1g79040	2.0315	1.5785	2.843	1.9385	8.08

At1g79180	1.361	1.586	1.281	1.354	3.054
At1g79350	1.398	1.759	1.277	1.3	3.591
At1g79440	1.005	0.961	1.814	1.304	3.384
At1g79500	1.913	1.7	3.503	1.58	19.029
At1g79690	0.798	1.033	0.637	0.843	0.405
At1g79750	0.59	1.898	1.092	0.802	0.418
At1g79810	0.405	0.489	0.605	0.631	0.288
At1g79850	0.977	0.646	1.442	0.772	3.664
At1g80060	0.889	0.927	0.733	0.889	0.474
At1g80180	2.292	1.518	0.915	1.424	0.48
At1g80380	1.0175	2.766	1.668	1.416	1.663
At1g80420	1.457	1.567	3.063	1.257	8.852
At1g80680	0.99	0.744	0.956	1.195	0.422
At1g80860	2.074	2.112	2.552	1.959	17.716
At1g80920	2.179	1.842	2.754	1.734	9.763
At1g80960	1.01	1.523	1.296	1.101	3.29
At2g01420	2.182	2.042	1.864	1.57	6.118
At2g01450	0.69	0.678	0.725	0.633	0.258
At2g01520	1.314	1.066	1.128	1.66	2.294
At2g01530	0.627	1.666	0.647	0.76	0.474
At2g01850	1.546	1.296	1.438	1.217	2.326
At2g02390	0.925	1.275	0.583	1.316	0.38
At2g03340	0.696	0.877	1.549	0.821	3.559
At2g03400	1.286	1.247	1.715	1.132	2.315
At2g03640	1.545	1.919	1.545	1.306	3.071
At2g05070	1.233	1.55	3.645	1.759	22.527
At2g05380	2.125	0.704	0.801	1.513	1.988
At2g05510	1.949	1.509	0.313	1.367	0.371
At2g05620	1.116	0.951	1.197	0.86	2.098
At2g05710	0.407	0.575	0.719	0.653	0.466
At2g05940	1.215	0.976	0.579	0.737	0.363
At2g06520	0.836	0.46	0.344	0.837	0.282
At2g06670	1.003	1.785	1.045	1.239	2.217
At2g07610	0.928	1.15	1.845	0.73	3.09
At2g09990	1.439	1.573	1.812	0.893	3.801
At2g11900	1.276	2.011	2.107	1.332	4.345
At2g12400	0.821	1.348	0.841	1.195	0.389
At2g13360	1.206	1.875	2.474	1.272	3.718
At2g13660	1.165	1.355	1.221	1.287	2.733
At2g13840	0.286	0.663	0.488	0.47	0.991
At2g14890	0.915	0.678	0.655	1.0055	0.377
At2g15890	1.683	1.568	2.144	1.786	2.375
At2g16740	1.503	1.627	1.046	1.348	2.621
At2g16880	0.273	0.307	0.54	0.504	0.282
At2g17600	1.026	0.459	2.387	0.929	1.271
At2g17640	0.312	0.511	0.645	0.641	0.673
At2g18240	2.285	0.825	0.786	3.861	1.902
At2g18630	1.341	1.863	1.729	1.354	3.123
At2g18690	0.887	0.839	0.482	0.696	0.557
At2g18850	0.972	1.426	1.475	1.124	2.709
At2g18970	0.981	0.8605	0.505	1.132	0.269
At2g19170	1.235	1.305	1.238	1.202	3.877
At2g19270	1.051	1.029	1.619	1.008	2.209
At2g19310	1.503	1.567	1.39	1.347	2.611
At2g19520	0.895	0.857	0.457	1.17	0.176
At2g19540	1.387	1.32	1.119	1.141	2.239
At2g19570	0.9805	0.823	0.414	0.784	0.312
At2g19800	0.452	0.694	3.82	0.876	4.886
At2g20180	1.405	1.355	1.635	1.19	3.467
At2g20400	0.544	0.511	0.844	0.791	0.46

At2g20420	0.83	0.679	0.701	0.892	0.438
At2g20920	1.548	1.57	1.628	1.267	2.329
At2g21170	1.1825	1.321	0.949	1.347	3.028
At2g21330	1.127	0.711	1.684	0.945	2.901
At2g21390	0.779	0.597	0.721	0.883	0.435
At2g21620	0.935	0.733	0.678	1.051	0.357
At2g22000	0.829	0.747	0.747	0.672	0.447
At2g22430	1.276	0.863	0.852	1.06	0.455
At2g22510	0.938	1.239	0.311	1.081	0.645
At2g22660	1.069	1.165	0.638	1.22	0.485
At2g22770	0.935	0.968	0.596	0.97	0.302
At2g23200	1.384	1.719	1.594	1.391	3.272
At2g23350	0.602	0.693	0.556	0.527	0.395
At2g23620	0.826	0.722	0.763	0.759	0.342
At2g23690	1.023	1.179	1.869	0.432	1.339
At2g23820	0.873	1.355	1.239	0.743	3.269
At2g24020	0.886	0.693	0.715	1.033	0.492
At2g24260	0.963	0.646	1.027	0.611	2.291
At2g24300	1.183	0.78	0.655	0.911	0.344
At2g24490	1.22	1.083	0.465	1.018	0.32
At2g24760	1.107	1.146	1.098	0.948	2.212
At2g25150	0.441	0.537	0.28	0.71	0.114
At2g25610	1.205	1.065	2.134	0.884	0.953
At2g25750	0.459	0.543	0.856	0.821	0.413
At2g25810	0.639	0.833	0.733	1.15	0.445
At2g25930	0.904	0.733	0.826	0.944	0.488
At2g26080	0.829	1.38	1.378	0.596	4.887
At2g26230	0.882	0.92	1.942	0.973	3.1
At2g26250	1.176	1.463	0.821	0.838	4.052
At2g26300	0.658	1.218	0.776	0.878	0.308
At2g26360	1.226	1.303	1.025	1.023	2.362
At2g26740	0.586	0.794	1.117	0.83	2.005
At2g26990	0.626	0.416	0.627	0.764	0.557
At2g27350	0.783	0.722	0.513	1.021	0.331
At2g27450	0.299	0.367	0.705	0.62	0.298
At2g27490	0.797	0.651	0.799	0.947	0.474
At2g28570	1.338	0.969	0.726	0.85	0.463
At2g28600	1.052	1.201	1.007	1.127	2.366
At2g28670	0.835	0.734	0.764	1.154	0.361
At2g28910	1.425	0.883	1.319	1.126	2.162
At2g29420	1.285	0.94	0.436	1.546	0.443
At2g29960	2.245	1.819	2.187	2.018	7.048
At2g29980	1.393	1.46	1.951	1.239	7.352
At2g30050	1.191	1.016	1.73	0.922	2.157
At2g30110	0.798	0.858	0.761	1.342	0.478
At2g30510	1.299	1.55	1.483	1.24	4.448
At2g30520	1.819	1.489	4.869	0.925	18.612
At2g30530	1.286	1.174	1.355	0.966	3.486
At2g30640	1.788	1.388	1.062	1.515	2.607
At2g30860	0.541	0.6	0.658	0.583	0.383
At2g30950	0.65	0.784	0.289	0.324	0.156
At2g31150	2.016	1.448	0.908	1.644	0.666
At2g31170	1.453	1.277	2.584	1.345	4.648
At2g31360	1.171	0.858	2.503	1.381	6.277
At2g32240	0.747	0.956	0.769	1.008	0.232
At2g32480	1.063	1.521	2.844	1.376	6.314
At2g33150	0.382	0.548	0.619	0.702	0.424
At2g33830	1.6195	1.868	1.0625	3.0635	0.532
At2g34020	0.809	0.591	0.762	0.8	0.371
At2g34170	1.664	1.679	1.0145	1.547	2.481
At2g34420	1.299	1.691	0.778	1.46	10.716

At2g34430	2.132	1.956	1.387	1.956	15.22
At2g34590	1.371	1.158	1.249	1.547	2.439
At2g34630	1.234	1.512	1.088	1.452	2.366
At2g35040	0.9915	0.9605	0.901	1.262	0.329
At2g35370	1.146	1.327	1.413	0.974	3.443
At2g35760	1.328	1.327	1.173	1.249	2.152
At2g35940	1.633	1.456	0.759	1.11	0.416
At2g35980	0.921	0.453	1.143	0.694	1.048
At2g36220	1.284	1.039	0.777	0.687	0.457
At2g36410	1.015	0.979	0.764	1.607	0.362
At2g36820	0.701	0.694	0.762	0.68	0.499
At2g36910	0.45	0.55	1.192	0.901	0.37
At2g37130	0.8995	0.8865	0.31	1.032	0.337
At2g37220	0.752	1.238	1.621	0.678	2.158
At2g37360	0.983	1.543	1.188	1.4	3.133
At2g37690	0.49	0.437	0.9195	0.714	0.402
At2g37790	0.911	0.893	0.614	0.952	0.389
At2g38140	1.04	0.898	1.52	0.94	3.371
At2g38270	0.937	0.795	1.187	0.895	2.613
At2g38280	1.186	0.966	1.037	0.988	2.963
At2g38530	0.111	0.157	0.373	0.194	0.167
At2g38700	1.154	1.66	2.226	1.306	4.296
At2g38860	0.677	1.339	0.327	0.513	0.116
At2g38940	0.966	1.462	1.033	1.311	0.413
At2g39020	0.534	0.73	0.629	0.867	0.477
At2g39110	0.735	0.687	0.599	1.061	0.167
At2g39190	0.907	1.179	1.577	1.027	2.003
At2g39280	1.019	1.042	0.624	1.111	0.495
At2g39530	1.004	1.034	0.691	0.843	0.415
At2g39710	2.2	2.413	2.543	2.024	14.858
At2g39720	1.161	1.85	1.895	1.149	4.127
At2g39800	1.168	1.497	2.074	0.616	5.801
At2g39940	1.2885	1.533	1.073	1.477	4.102
At2g39970	0.62	1.326	0.68	0.858	0.497
At2g39980	0.635	1.237	0.925	0.861	0.438
At2g40110	1.117	0.979	0.634	1.122	0.448
At2g40150	1.087	0.985	0.572	1.272	0.353
At2g40280	1.207	1.203	0.939	1.065	2.746
At2g40610	0.979	0.551	0.678	0.895	0.257
At2g40730	1.049	1.353	1.009	1.187	2.63
At2g40980	1.155	1.013	1.109	1.149	2.16
At2g41100	0.652	0.582	0.594	0.316	0.599
At2g41460	0.942	0.983	1.548	1.26	3.778
At2g41560	1.202	1.706	1.165	1.119	3.386
At2g41640	0.697	1.619	0.582	0.46	0.473
At2g41680	0.895	0.995	1.193	0.765	2.915
At2g42060	2.212	1.338	1.193	1.396	2.076
At2g42080	1.728	1.543	1.451	1.49	3.381
At2g42150	0.986	1.367	1.253	1.076	2.015
At2g42520	1.06	0.598	0.826	1.149	0.191
At2g42840	0.479	0.326	0.602	0.705	0.451
At2g43060	1.007	0.73	0.717	0.886	0.414
At2g43150	0.988	1.05	0.708	1.037	0.327
At2g43240	1.024	1.649	1.179	0.862	2.871
At2g43560	1.188	0.969	0.959	1.021	2.742
At2g43590	1.114	1.424	0.345	1.311	0.41
At2g43610	1.121	1.135	0.8	1.419	0.384
At2g43710	1.517	0.999	1.0955	0.873	2.04
At2g43880	0.797	1.122	0.636	0.76	0.348
At2g44130	2.124	1.888	2.865	2.105	12.671

At2g44370	1.299	1.65	1.344	1.279	3.065
At2g44410	1.122	2.05	1.745	1.111	3.968
At2g44420	1.228	1.353	1.382	1.905	2.022
At2g44500	1.23	2.055	1.023	1.27	0.82
At2g44790	0.569	0.801	0.38	0.664	0.175
At2g45010	1.452	1.045	2.632	1.382	6.824
At2g45210	2.353	1.831	2.171	1.687	7.909
At2g45380	0.378	0.733	0.806	0.627	1.273
At2g45600	1.447	1.47	2.692	2.058	3.566
At2g45800	2.849	1.719	2.457	1.29	3.847
At2g45920	0.584	0.723	0.704	0.972	0.389
At2g45990	0.805	0.601	1.717	0.339	10.108
At2g46030	1.022	1.184	2.838	1.028	6.652
At2g46090	2.205	2.168	0.925	0.675	11.292
At2g46100	1.247	1.167	1.127	1.175	2.405
At2g46500	2.084	0.901	0.793	1.276	0.573
At2g46820	1.816	1.549	1.879	1.331	5.533
At2g46830	1.394	1.201	2.118	0.611	3.44
At2g46910	1.139	1.013	1	1.182	2.199
At2g46920	1.254	0.762	0.687	0.9885	0.392
At2g47400	1.462	1.269	1.696	1.234	2.271
At2g47440	0.96	1.108	0.854	1.258	0.285
At2g47710	1.142	1.066	1.284	1.026	2.321
At2g47770	0.951	1.452	1.399	0.914	2.028
At2g47780	0.476	0.506	0.75	0.789	0.531
AT3g01260	1.109	0.499	0.886	0.705	0.558
AT3g01290	0.796	0.785	0.465	0.95	0.294
AT3g01420	1.674	0.781	0.73	1.953	0.401
AT3g01480	0.948	1.347	1.304	0.842	3.992
AT3g01690	1.672	1.57	2.351	1.26	0.817
AT3g01800	0.785	0.658	1.196	0.714	2.266
AT3g02080	0.976	0.722	0.91	1.147	0.469
AT3g02230	0.942	0.923	0.36	1.018	0.685
AT3g02360	0.162	0.145	0.406	0.272	0.181
AT3g02420	1.495	1.395	1.095	1.631	2.866
AT3g02690	1.506	1.257	1.133	1.003	2.17
AT3g02720	1.015	2.084	1.524	1.302	0.484
AT3g02930	0.793	0.581	0.5	1.02	0.248
AT3g02990	0.276	0.299	1.28	0.485	0.394
AT3g03020	0.632	0.487	0.179	0.794	0.229
AT3g03150	1.315	1.182	0.955	1.404	2.022
AT3g03270	1.086	0.884	0.901	1.334	0.318
AT3g03790	1.055	0.62	0.518	0.99	0.346
AT3g03920	0.929	0.8315	0.946	0.656	2.849
AT3g04080	1.572	1.611	1.608	1.242	6.986
AT3g04120	0.424	0.389	0.143	0.701	1.201
AT3g04240	1.254	1.437	1.228	1.529	2.528
AT3g04720	0.874	0.88	0.422	1.066	0.161
AT3g04730	1.186	0.428	0.791	1.242	0.483
AT3g04790	1.208	0.773	0.741	0.787	0.383
AT3g04810	1.195	0.933	0.67	0.883	0.36
AT3g04930	0.916	0.9365	1.2705	0.443	1.218
AT3g04940	1.052	0.875	1.25	0.9435	4.764
AT3g06190	0.459	0.921	0.436	0.673	0.198
AT3g06380	1	1.037	1.475	1.036	2.072
AT3g06470	0.93	1.125	1.222	1.06	3.178
AT3g06510	0.681	0.575	0.695	0.711	0.353
AT3g07110	0.853	0.717	0.696	0.68	0.435
AT3g07330	1.429	1.656	1.182	1.13	2.644
AT3g07720	0.964	0.805	0.74	0.902	0.48
AT3g07740	1.195	1.836	1.265	1.171	3.616

AT3g07760	1.177	1.246	0.927	1.554	2.145
AT3g07970	1.711	1.955	1.228	2.46	1.184
AT3g08030	0.153	0.158	0.421	0.278	0.18
AT3g08940	1.6475	1.493	1.6815	1.5405	2.8965
AT3g09210	0.543	0.434	0.879	0.897	1.061
AT3g09260	0.486	0.495	0.898	0.974	0.511
AT3g09270	0.902	0.9785	0.406	1.011	0.197
AT3g09820	1.163	1.729	2.14	1.181	4.65
AT3g09940	0.773	0.784	0.731	0.47	0.446
AT3g09970	1.455	1.304	1.148	1.364	3.216
AT3g10340	1.096	0.935	0.641	1.002	0.309
AT3g10480	1.007	0.823	0.622	0.512	0.296
AT3g10740	0.766	1.188	0.587	0.955	0.492
AT3g10980	1.0725	0.9035	0.548	0.564	0.254
AT3g11120	1.055	0.489	1.281	0.651	1.318
AT3g11200	0.94	0.563	0.741	1.05	0.399
AT3g12120	2.095	1.869	1.582	1.332	1.352
AT3g12360	0.998	1.411	1.736	1.174	3.297
AT3g12580	0.718	0.934	0.271	0.463	0.137
AT3g12600	1.01	1.549	1.542	1.129	3.262
AT3g12780	1.198	0.533	0.714	1.147	0.367
AT3g13290	1.385	1.19	1.834	1.278	3.476
AT3g13310	0.85	0.538	2.043	0.94	1.179
AT3g13360	1.002	1.34	1.478	1.194	3.628
AT3g13530	1.709	1.146	0.795	2.18	0.501
AT3g13570	1.0035	2.001	1.271	1.02	2.534
AT3g13610	0.795	0.886	0.228	0.317	0.046
AT3g13650	1.233	0.904	0.583	1.212	0.405
AT3g13670	0.166	0.161	0.39	0.309	0.158
AT3g13740	0.776	0.937	1.104	0.399	2.323
AT3g14210	1.337	1.469	1.947	1.172	10.018
AT3g14310	0.946	0.895	0.508	1.22	0.299
AT3g14350	1.145	0.867	1.36	1.124	2.532
AT3g14370	0.978	0.686	0.394	0.959	0.279
AT3g14415	1.146	1.54	4.284	0.877	7.824
AT3g14420	0.853	2.04	3.766	0.834	9.464
AT3g14940	1.186	1.739	1.016	1.313	0.374
AT3g14990	1.009	1.26	0.786	1.395	0.446
AT3g15090	1.537	1.38	1.156	1.933	8.584
AT3g15120	0.218	0.341	1.511	0.332	0.409
AT3g15210	0.831	0.77	0.685	0.35	0.545
AT3g15410	1.556	1.214	0.931	1.515	2.273
AT3g15730	0.492	0.605	0.709	0.775	0.367
AT3g15850	1.192	1.26	2.682	0.808	13.75
AT3g16130	1.458	1.432	2.301	1.27	6.249
AT3g16180	0.252	0.513	0.825	0.582	0.462
AT3g16200	0.935	0.928	0.76	0.969	0.463
AT3g16400	0.531	0.575	0.761	0.629	0.316
AT3g16410	0.475	0.52	0.672	0.531	0.308
AT3g16420	0.505	0.5715	0.749	0.802	0.4215
AT3g16460	0.849	0.867	0.695	0.864	0.452
AT3g16720	1.388	0.79	0.644	0.419	0.711
AT3g16950	1.629	1.201	1.139	1.28	2.281
AT3g17450	0.602	0.775	0.831	1.073	0.462
AT3g17600	1.193	1.221	0.896	1.266	2.532
AT3g17710	1.038	1.513	3.577	1.015	17.021
AT3g17770	0.999	1.119	0.684	0.85	0.423
AT3g17820	0.682	0.764	0.582	0.834	0.369
AT3g17830	1.519	1.308	1.178	1.742	2.274
AT3g18940	0.824	0.862	0.513	0.96	0.487

AT3g19340	1.055	1.172	1.865	0.905	4.3
AT3g19420	1.367	1.731	2.511	1.375	7.359
AT3g19760	0.79	1.561	1.889	1.223	2.323
AT3g19850	1.351	1.505	2.162	1.403	4.482
AT3g19960	1.348	1.323	1.671	1.264	2.459
AT3g20000	0.273	0.29	0.499	0.514	0.332
AT3g20050	2.492	1.626	1.717	1.679	5.001
AT3g20060	1.556	1.452	2.565	1.419	9.551
AT3g20130	1.251	0.972	0.774	1.047	0.366
AT3g20370	0.394	0.701	0.619	0.886	0.637
AT3g20410	1.152	0.777	0.824	0.823	0.405
AT3g20970	1.245	1.241	1.303	1.218	2.294
AT3g21290	0.433	0.508	0.985	0.607	0.77
AT3g21670	0.307	0.418	0.619	0.568	0.279
AT3g21720	0.053	0.102	1.906	0.159	0.304
AT3g21750	0.495	0.542	0.914	0.874	0.629
AT3g21770	0.9945	0.594	0.617	0.72	0.238
AT3g22200	0.844	0.726	0.702	1.351	0.401
AT3g22210	1.706	1.221	1.346	1.405	2.657
AT3g22240	0.969	0.875	0.642	1.111	0.483
AT3g22280	1.698	1.552	1.074	2.783	1.202
AT3g22600	0.727	0.841	0.349	1.134	0.306
AT3g22610	0.753	0.609	0.468	1.27	0.314
AT3g22630	1.943	0.855	0.861	2.032	0.398
AT3g22850	0.967	1.41	1.603	0.973	3.003
AT3g22960	1.17	2.607	1.151	1.231	1.643
AT3g23030	1.13	1.617	2.776	1.352	6.909
AT3g23690	0.723	0.763	0.568	0.898	0.37
AT3g23980	0.763	1.028	0.772	1.018	0.407
AT3g23990	1.059	1.052	1.0435	1.0575	2.413
AT3g24810	0.984	0.495	1.326	0.677	1.672
AT3g24830	0.93	0.602	1.331	0.641	2.215
AT3g24900	1.206	1.704	1.515	1.446	4.233
AT3g25480	1.073	1.634	2.442	1.288	6.577
AT3g25930	0.81	0.801	0.753	1.134	0.301
AT3g26280	1.233	1.401	1.223	1.545	3.526
AT3g26370	1.228	1.273	0.557	0.728	0.223
AT3g26460	0.99	0.924	0.762	1.323	0.485
AT3g26500	1.207	1.528	1.174	1.352	2.802
AT3g26650	1.305	1.899	3.784	1.539	9.056
AT3g26710	1.06	1.196	2.268	0.809	3.948
AT3g26720	1.194	0.315	0.62	1.207	0.288
AT3g26740	2.046	1.9475	1.5295	3.4805	1.996
AT3g26840	2.229	1.134	0.814	1.131	0.987
AT3g26890	1.409	1.267	1.83	1.226	2.376
AT3g26910	1.0995	1.0515	0.574	0.636	0.37
AT3g27160	0.539	0.385	0.203	0.85	0.075
AT3g27210	1.105	0.974	0.577	0.952	0.464
AT3g27240	0.768	1.219	1.155	0.821	2.754
AT3g27390	1.672	1.873	1.405	1.628	4.702
AT3g27690	0.988	1.83	1.442	1.226	5.577
AT3g27760	0.151	0.162	0.429	0.338	0.209
AT3g28000	1.03	1.441	2.774	1.235	6.985
AT3g28180	1.072	0.652	0.676	1.192	0.435
AT3g28270	1.313	1.709	1.403	1.109	3.561
AT3g28670	0.839	0.969	0.952	0.985	2.053
AT3g29035	0.924	0.773	0.606	0.995	0.272
AT3g29250	1.135	1.161	1.256	1.06	2.276
AT3g29270	1.81	2.091	2.26	1.452	6.539
AT3g29575	1.034	0.905	0.545	0.732	0.398
AT3g30770	1.564	1.662	1.975	1.446	6.813

AT3g32930	1.496	0.724	1.206	1.267	2.47
AT3g32980	0.762	0.874	0.468	1.337	0.352
AT3g43540	1.152	1.067	0.972	0.932	2.368
AT3g43920	0.223	0.259	0.452	0.473	0.227
AT3g44320	0.459	0.614	0.628	0.759	0.897
AT3g44720	1.423	1.253	0.799	0.884	0.499
AT3g44890	0.723	0.592	1.218	0.676	2.474
AT3g45140	0.986	1.74	1.327	1.264	2.356
AT3g45190	1.122	1.371	2.702	0.836	12.704
AT3g45640	1.11	3.714	1.112	1.214	0.696
AT3g45710	1.04	1.046	0.721	0.919	0.455
AT3g45860	1.664	1.309	1.338	1.498	3.263
AT3g45970	0.317	0.611	0.94	0.704	0.338
AT3g46000	0.791	0.858	0.793	1.107	0.449
AT3g46040	1.008	0.687	1.308	0.812	2.001
AT3g46100	0.614	0.41	0.672	0.718	0.705
AT3g46110	1.114	1.441	1.621	1.239	3.499
AT3g46700	1.053	1.4	2.035	1.312	3.95
AT3g46780	1.644	1.62	1.651	1.165	3.733
AT3g47060	0.975	1.07	1.335	1.274	3.908
AT3g47070	1.542	1.198	2.657	1.054	7.835
AT3g47160	1.405	0.431	0.183	1.355	0.064
AT3g47340	0.346	0.411	1.777	0.591	0.515
AT3g47470	1.337	1.38	1.768	1.666	12.754
AT3g47520	0.355	0.602	0.921	0.703	0.368
AT3g48050	2.271	1.739	2.129	1.687	8.447
AT3g48920	0.546	0.504	0.228	0.595	0.087
AT3g48970	1.0175	1.239	1.594	0.65	2.484
AT3g48990	1.102	1.734	1.741	1.055	6.785
AT3g49070	1.004	1.067	0.39	0.809	0.202
AT3g49120	0.807	1.456	0.272	1.516	0.205
AT3g49220	0.861	0.479	0.659	0.642	0.446
AT3g49560	1.032	1.244	1.168	0.924	3.526
AT3g49780	1.017	1.253	0.64	1.524	0.304
AT3g49840	1.157	1.911	0.655	0.911	0.446
AT3g49870	1.158	1.577	2.808	1.292	0.858
AT3g50140	0.444	0.549	0.691	0.734	0.465
AT3g50440	1.22	1.421	1.623	1.272	3.431
AT3g50820	1.285	1.579	2.927	1.134	3.055
AT3g50950	0.906	1.46	2.06	1.1	5.444
AT3g51630	1.0655	0.845	0.763	1.0255	0.345
AT3g51660	1.629	1.919	1.687	0.967	2.349
AT3g51840	0.833	0.613	0.632	1.477	0.433
AT3g51910	0.553	0.499	0.942	0.833	1.056
AT3g52340	0.8505	1.0435	1.007	0.897	0.475
AT3g52470	1.242	1.823	1.393	1.323	2.883
AT3g52850	0.458	1.06	0.76	0.905	0.376
AT3g53020	1.075	0.9925	1.326	0.9495	3.848
AT3g53180	0.9875	2.155	0.967	1.038	0.641
AT3g53430	1.146	0.458	0.904	0.719	0.5
AT3g53460	0.757	1.191	1.402	0.665	2.443
AT3g53520	0.888	0.831	0.565	0.759	0.412
AT3g53660	0.491	0.597	0.666	0.758	0.628
AT3g53750	0.758	0.808	0.593	0.975	0.241
AT3g53830	0.472	0.744	0.806	0.767	0.915
AT3g53920	1.334	1.854	1.207	1.357	3.099
AT3g53980	0.877	1.138	0.277	0.9545	0.393
AT3g53990	0.919	0.7	0.723	1.16	0.386
AT3g54030	0.878	0.83	0.597	0.869	0.469
AT3g54040	0.821	0.998	0.495	0.629	0.16

AT3g54050	1.41	1.589	2.069	1.229	3.358
AT3g54200	0.645	0.578	0.559	0.685	0.39
AT3g54210	0.926	0.991	1.271	0.808	3.997
AT3g54500	1.118	1.171	2.504	0.756	4.999
AT3g54900	1.455	1.058	1.704	0.993	3.741
AT3g55010	1.099	1.509	1.397	1.311	2.797
AT3g55030	0.562	0.812	1.084	0.933	0.409
AT3g55120	1.303	1.469	1.867	1.063	4.366
AT3g55220	1.69	2.492	2.407	1.078	7.451
AT3g55230	0.914	1.252	1.066	1.074	0.423
AT3g55260	0.206	0.234	0.496	0.376	0.202
AT3g55280	1.122	1.2795	1.109	1.078	3.515
AT3g55340	1.729	1.698	0.91	4.078	2.196
AT3g55410	1.889	1.413	2.773	1.791	10.241
AT3g55800	1.149	1.683	2.739	0.742	8.789
AT3g55980	0.927	0.731	0.701	0.202	0.929
AT3g56010	1.084	1.303	0.781	0.917	2.1
AT3g56290	1.507	1.271	1.65	0.776	4.458
AT3g56570	1.299	1.48	1.254	0.457	1.07
AT3g56640	1.064	1.12	0.764	0.75	0.455
AT3g56910	1.088	0.529	1.529	0.706	3.873
AT3g56940	1.0945	1.199	1.329	1.144	2.535
AT3g57010	0.756	0.9865	0.737	0.898	0.463
AT3g57050	1.28	1.241	0.578	1.632	0.449
AT3g57390	0.665	0.616	0.935	0.748	0.134
AT3g57410	0.724	0.625	0.289	0.782	0.141
AT3g57520	0.901	1.229	0.909	0.548	2.048
AT3g58450	0.309	1.002	0.647	0.553	1.077
AT3g58460	1.479	1.401	1.946	0.819	5.195
AT3g58560	1.373	1.755	2.729	0.926	5.575
AT3g58840	1.008	0.847	0.565	1.188	0.319
AT3g59060	0.962	0.822	1.395	1.092	3.327
AT3g59200	0.499	0.446	0.866	0.701	1.11
AT3g59320	1.256	1.014	1.808	1.197	6.784
AT3g59350	1.196	1.0625	1.53	1.272	2.849
AT3g59630	1.206	1.271	1.387	1.37	2.493
AT3g59680	1.766	1.859	2.634	1.02	3.86
AT3g59910	2.016	1.573	1.08	1.585	3.598
AT3g60080	1.124	1.712	2.68	1.308	7.063
AT3g60130	0.898	1.184	0.8475	1.088	0.476
AT3g60210	0.778	0.545	1.083	0.708	2.053
AT3g60280	1.194	1.527	0.943	1.231	2.481
AT3g60350	1.187	1.92	2.113	1.172	4.432
AT3g60620	0.752	0.821	1.836	0.88	3.231
AT3g60740	1.0105	0.866	0.798	0.9925	0.376
AT3g61060	1.229	1.216	2.605	1.0695	1.0915
AT3g61470	1.489	1.455	1.705	1.45	4.273
AT3g61580	1.09	1.335	0.734	1.29	2.521
AT3g61790	0.497	1.046	1.039	0.716	1.025
AT3g62030	0.662	0.893	2.079	1.017	6.514
AT3g62040	0.653	0.935	0.569	1.163	0.45
AT3g62410	2.646	2.267	0.975	1.206	4.3
AT3g62550	3.183	2.474	0.825	3.354	2.747
AT3g62830	0.849	0.951	0.608	1.0515	0.492
AT3g62840	1.149	1.154	2.02	1.226	6.336
AT3g63490	1.54	1.217	1.045	1.373	3.126
AT4g00050	1.246	1.486	1.165	1.21	5.239
AT4g00570	1.231	0.9145	0.781	2.303	1.434
AT4g00910	1.41	1.253	1.664	1.254	2.305
AT4g00950	1.249	1.213	2.384	1.189	2.292
AT4g01090	1.014	1.307	1.213	1.122	2.04

AT4g01310	0.804	0.656	2.548	0.762	7.298
AT4g01610	0.324	0.479	0.553	0.635	0.271
AT4g01950	0.252	0.276	0.465	0.401	0.247
AT4g02010	1.263	1.243	0.878	1.126	2.972
AT4g02130	1.218	0.833	1.025	0.885	2.016
AT4g02360	1.122	1.236	1.451	1.056	3.143
AT4g02440	1.417	1.904	1.864	1.256	3.676
AT4g02520	1.0585	1.039	0.559	0.892	0.302
AT4g02570	0.885	0.7	0.782	1.011	0.417
AT4g02710	0.995	1.17	0.803	1.122	0.466
AT4g03030	1.432	1.898	1.989	1.304	3.252
AT4g03390	1.006	1.256	1.457	1.021	2.397
AT4g03960	0.571	0.59	0.666	1.0075	0.359
AT4g04330	1.417	2.052	0.805	1.683	1.087
AT4g04620	1.01	1.555	1.967	1.27	5.315
AT4g04640	1.177	1.858	2.458	1.118	5.153
AT4g04910	0.993	1.13	1.308	1.131	2.646
AT4g05150	1.279	1.751	2.825	1.356	6.863
AT4g05200	0.952	1.111	0.402	0.863	0.379
AT4g05530	0.97	1.1525	0.704	0.878	0.353
AT4g07390	0.394	0.441	0.646	0.665	0.319
AT4g07820	0.695	0.84	0.662	0.804	0.248
AT4g08350	1.732	1.432	1.999	1.4	3.753
AT4g08390	0.671	0.986	0.944	0.954	0.436
AT4g08950	0.429	0.482	0.773	0.428	0.537
AT4g09550	1.028	1.011	1.734	0.988	4.232
AT4g09570	2.278	1.202	1.298	1.665	0.68
AT4g09650	1.144	1.59	2.182	1.164	7.425
AT4g09800	1.199	0.698	1.654	0.783	2.724
AT4g10070	1.026	0.834	0.76	1.033	0.413
AT4g10340	1.489	1.478	2.513	1.283	7.202
AT4g10610	1.679	1.79	1.271	1.433	2.568
AT4g11320	0.7645	0.7325	0.832	0.7995	0.2995
AT4g11560	1.273	1.822	1.568	1.351	3.179
AT4g11650	0.722	0.911	0.18	0.905	0.056
AT4g11970	2.073	1.8	2.163	1.955	13.708
AT4g12040	2.182	0.766	1.352	1.667	0.851
AT4g12060	0.747	0.821	1.258	0.914	2.153
AT4g12230	0.959	0.983	0.845	1.027	0.479
AT4g12570	1.003	1.304	2.192	1.355	30.07
AT4g12720	1.127	1.599	2.438	1.517	6.384
AT4g12800	1.442	1.287	3.452	1.334	7.638
AT4g12880	0.98	1.024	1.143	1.234	2.097
AT4g13430	1.152	1.194	1.078	1.1155	3.483
AT4g13580	0.693	0.62	0.725	0.963	0.359
AT4g13640	1.094	1.087	1.08	1.091	2.013
AT4g13660	0.768	0.773	0.453	0.963	0.762
AT4g13770	0.817	0.644	1.102	0.48	0.638
AT4g14130	1.0605	0.794	0.865	1.1455	0.4815
AT4g14320	0.894	0.485	1.244	0.648	1.304
AT4g14450	1.256	1.286	0.846	1.108	2.201
AT4g14560	0.878	0.853	0.625	0.791	0.325
AT4g14980	1.54	1.053	0.797	1.572	0.473
AT4g15000	1.027	0.476	1.231	0.628	1.411
AT4g15330	1.318	0.855	0.853	0.88	0.47
AT4g15340	2.15	2.57	2.501	0.748	4.726
AT4g15470	0.484	1.037	0.331	0.796	0.152
AT4g15610	0.878	1.072	0.495	1.0355	0.337
AT4g16190	1.074	1.688	0.596	1.631	0.463
AT4g16260	0.991	0.903	0.339	0.8	0.148

AT4g16360	1.32	0.844	0.712	1.3	0.27
AT4g16730	1.019	0.923	1.304	0.856	2.968
AT4g16950	1.171	1.354	1.086	1.088	2.792
AT4g17300	1.364	1.489	1.593	1.359	4.482
AT4g17340	0.467	0.814	0.865	0.908	0.507
AT4g17615	1.129	1.34	1.466	1.185	3.27
AT4g17780	1.024	0.962	1.178	0.881	2.267
AT4g17800	1.948	1.677	1.528	1.472	4.898
AT4g18390	1.26	1.259	1.384	1.406	3.482
AT4g18730	0.76	0.513	0.878	0.626	2.134
AT4g18970	0.369	0.512	0.639	0.713	0.286
AT4g19030	0.895	0.987	1.336	0.772	2.415
AT4g19160	1.002	0.837	0.751	0.673	0.452
AT4g19200	1.42	1.908	1.743	1.118	4.319
AT4g19240	0.557	0.507	0.523	0.259	1.339
AT4g19410	0.875	1.157	1.1775	1.065	2.15
AT4g19420	0.981	0.794	0.998	1.063	0.489
AT4g20110	1.038	0.961	0.874	1.028	0.302
AT4g20260	1.496	0.609	0.739	1.76	0.351
AT4g20360	0.643	0.948	1.991	0.709	3.946
AT4g20980	1.289	1.427	1.395	1.48	2.854
AT4g21180	1.017	1.24	1.195	0.913	2.202
AT4g21450	0.956	0.824	0.536	1.04	0.413
AT4g21570	0.505	0.447	0.484	0.63	0.43
AT4g21580	0.928	0.957	0.647	1.132	0.435
AT4g21610	1.15	1.423	3.455	1.07	3.351
AT4g21750	1.068	1.36	2.229	1.252	4.483
AT4g21860	0.405	0.379	0.939	0.386	1.915
AT4g21960	1.4155	0.871	0.733	1.283	0.2645
AT4g22690	1.0555	0.969	2.191	0.853	1.0165
AT4g23540	0.954	0.492	1.132	0.654	1.284
AT4g23670	0.743	0.6465	0.502	0.9375	0.3555
AT4g23750	2.213	1.94	2.83	2.045	9.787
AT4g24130	2.76	1.364	1.048	1.139	1.586
AT4g24690	0.495	1.582	0.985	0.806	0.543
AT4g24770	0.587	0.592	1.4345	0.663	4.256
AT4g24830	1.095	1.12	3.91	1.266	12.773
AT4g25030	0.45	0.454	0.741	0.734	0.387
AT4g25100	0.918	1.2135	2.46	1.005	1.749
AT4g25570	0.617	0.963	0.808	0.897	0.479
AT4g25650	1.016	1.052	1.172	1.262	2.921
AT4g26300	1.107	1.307	1.2	1.237	2.076
AT4g26630	1.127	0.938	0.749	1.326	0.487
AT4g26850	1.217	1.544	1.562	0.822	3.479
AT4g26910	0.966	1.175	0.944	0.939	2.78
AT4g26980	1.317	1.272	3.667	2.125	4.387
AT4g27090	1.145	0.768	1.419	0.996	2.332
AT4g27120	0.933	0.75	0.74	0.964	0.468
AT4g27130	1.352	1.056	1.892	1.128	4.373
AT4g27350	1.117	1.851	2.749	1.278	6.704
AT4g27440	1.4	0.646	0.839	1.421	0.206
AT4g27450	0.767	1.053	1.088	1.251	0.44
AT4g27500	1.261	1.397	2.518	1.176	6.287
AT4g27520	1.204	1	1.576	1.002	3.369
AT4g27710	0.983	1.332	1.844	1.26	5.416
AT4g27880	0.592	0.529	0.708	0.746	0.366
AT4g28470	0.9235	2.903	1.0025	0.93	0.625
AT4g28520	0.601	1.024	0.163	0.716	5.41
AT4g28750	1.863	1.427	2.763	1.523	9.822
AT4g28770	0.988	1.084	0.889	1.182	0.372
AT4g28910	0.377	0.716	0.911	0.652	0.366

AT4g29100	1.567	1.298	0.736	1.137	0.39
AT4g29350	1.005	1.476	2.217	1.317	5.362
AT4g29480	1.448	1.797	1.479	1.328	5.731
AT4g29510	2.085	2.143	2.888	2.008	9.689
AT4g29720	1.155	1.243	0.627	0.884	0.382
AT4g29870	1.381	1.528	1.337	1.295	3.985
AT4g30140	0.958	1.438	0.991	0.937	2.051
AT4g30190	0.666	1.011	0.727	1.056	0.402
AT4g30950	1.253	1.256	1.268	0.849	3.134
AT4g30960	1.209	0.904	0.578	1.061	0.471
AT4g31100	1.121	1.663	1.206	1.045	2.397
AT4g31290	1.39	1.518	1.69	1.786	3.66
AT4g31390	0.611	0.573	2.116	0.685	1.144
AT4g31500	0.59	0.82	0.457	0.618	0.261
AT4g31580	1.0155	0.956	0.955	0.805	2.074
AT4g31700	0.731	0.484	1.08	0.606	1.367
AT4g32040	1.117	1.719	2.056	1.307	5.123
AT4g32050	1.033	1.509	2.063	1.138	3.668
AT4g32070	0.977	0.758	0.812	0.917	0.356
AT4g32160	1.695	1.37	0.832	1.45	2.005
AT4g32260	1.695	1.704	2.523	1.26	5.805
AT4g32900	0.948	1.069	1.633	1.019	4.085
AT4g32910	1.414	1.09	1.41	1.004	3.868
AT4g32940	1.199	1.752	1.23	1.643	0.448
AT4g33070	1.0595	0.9725	0.535	1.514	0.1
AT4g33150	0.634	0.581	0.764	0.755	0.291
AT4g33610	0.661	0.832	0.415	0.969	0.297
AT4g34010	1.335	1.011	0.41	0.873	0.327
AT4g34050	1.917	1.78	1.326	1.407	4.003
AT4g34350	1.297	1.342	1.332	1.264	2.198
AT4g34450	1.315	1.42	1.251	1.501	2.585
AT4g34600	0.998	0.788	0.997	1.296	0.36
AT4g34620	0.953	0.691	1.596	0.783	3.302
AT4g34710	0.652	0.749	0.648	0.963	0.406
AT4g34830	1.0515	1.2335	1.882	0.926	2.298
AT4g34870	0.428	0.884	0.796	0.895	0.563
AT4g35090	1.209	1.249	1.154	0.947	2.229
AT4g35160	1.0535	0.966	0.507	1.215	0.404
AT4g35250	1.013	1.765	2.233	0.941	7.817
AT4g35480	1.581	1.751	1.987	1.144	8.568
AT4g35750	1.378	1.158	1.058	1.167	0.381
AT4g35770	2.26	2.369	1.267	2.545	1.509
AT4g36250	1.052	1.462	1.83	1.339	5.012
AT4g36360	0.476	0.691	0.937	0.853	0.404
AT4g36850	0.869	1.932	2.102	0.646	3.581
AT4g36880	0.215	0.515	1.128	0.544	0.883
AT4g36920	1.126	1.312	3.412	1.506	10.863
AT4g37010	1.403	0.796	0.772	1.044	0.324
AT4g37070	0.572	1.0015	0.254	0.69	0.156
AT4g37450	0.76	0.486	0.896	0.805	0.926
AT4g37520	0.977	1.201	0.371	1.149	0.256
AT4g37640	1.081	1.16	1.503	1.131	3.004
AT4g37870	0.222	0.594	0.821	0.613	0.299
AT4g37900	1.92	2.051	1.597	3.122	1.663
AT4g37980	1.055	0.911	0.9595	1.0345	0.288
AT4g38080	0.933	1.305	0.358	1.104	0.397
AT4g38090	1.044	1.566	2.336	1.435	5.636
AT4g38160	0.959	0.93	1.338	0.885	2.625
AT4g38310	1.154	1.262	0.764	1.145	2.097
AT4g38350	0.696	0.766	0.533	0.922	0.456

AT4g38440	1.058	1.237	1.334	0.936	2.152
AT4g38620	1.169	0.664	0.436	1.335	0.361
AT4g38690	1.016	0.875	1.221	1.07	2.066
AT4g38740	1.518	1.318	1.126	0.875	2.107
AT4g38970	1.219	1.623	3.456	0.807	8.854
AT4g39040	1.063	1.402	1.741	1.056	4.568
AT4g39090	0.914	0.97	0.753	1.686	0.378
AT4g39100	1.665	1.659	3.566	1.438	12.494
AT4g39460	0.981	0.805	1.422	0.813	2.118
AT4g39640	1.275	1.423	0.971	1.254	2.197
AT4g39990	0.349	0.81	0.897	0.667	0.364
AT4g40030	1.195	2.039	1.335	0.945	2.872
AT5g01430	1.077	1.441	2.548	1.352	6.203
AT5g01500	1.108	0.715	0.721	0.809	0.441
AT5g01530	1.329	1.587	2.488	1.491	6.247
AT5g01720	1.173	1.797	2.066	1.111	5.446
AT5g01920	1.261	1.247	1.538	1.229	2.476
AT5g01950	1.018	1.349	2.1	1.178	3.807
AT5g02020	1.191	1.897	0.489	0.775	0.184
AT5g02160	2.669	1.729	4.332	2.072	8.018
AT5g02240	1.011	1.457	1.111	1.095	2.008
AT5g02260	0.539	0.865	0.25	0.985	0.241
AT5g02380	1.236	1.09	1.453	1.238	2.797
AT5g02540	0.96	0.569	0.73	1.616	0.346
AT5g02790	1.622	1.325	1.474	1.181	2.465
AT5g03040	1.169	1.284	1.19	1.274	2.55
AT5g03540	1.12	0.9895	0.308	1.229	0.142
AT5g03650	1.491	1.673	1.63	1.269	2.509
AT5g04290	0.726	1.38	1.135	0.491	1.67
AT5g04340	0.997	0.953	0.918	0.432	0.483
AT5g04750	1.187	0.66	0.94	0.994	0.427
AT5g04770	0.899	1.068	0.746	1.027	0.446
AT5g04800	1.351	1.523	1.436	1.736	3.222
AT5g05010	0.76	0.732	0.703	0.851	0.468
AT5g05130	0.368	0.678	0.989	0.664	0.374
AT5g05410	0.459	0.749	0.887	0.718	0.607
AT5g05470	1.1275	0.698	0.789	1.958	0.426
AT5g05690	1.455	1.716	1.256	1.355	2.537
AT5g05730	0.81	0.952	0.501	0.904	0.469
AT5g06320	0.936	0.803	0.898	1.056	0.434
AT5g06560	0.364	0.591	0.938	0.682	0.346
AT5g06630	0.487	1.281	1.334	1.238	0.761
AT5g06760	0.3	0.229	0.513	0.324	0.701
AT5g06860	1.046	1.582	2.416	1.414	5.768
AT5g07020	1.21	1.3	1.521	1.1	2.647
AT5g07220	1.426	1.266	1.702	0.901	2.483
AT5g07460	0.611	0.59	0.73	0.547	0.449
AT5g08160	1.117	1.287	1.605	1.205	3.221
AT5g08300	0.907	0.495	0.74	0.746	0.536
AT5g08570	2.182	1.436	1.818	1.227	2.309
AT5g08650	0.852	1.023	0.895	0.8	2.045
AT5g09440	1.603	1.865	3.29	1.582	11.565
AT5g09530	0.99	0.79	0.457	1.127	0.482
AT5g09660	1.4815	1.845	1.87	1.116	4.428
AT5g10280	2.213	1.775	2.491	2.076	6.273
AT5g10430	0.919	0.588	0.393	1.143	0.148
AT5g10480	0.7945	0.709	0.637	1.126	0.465
AT5g10750	1.162	0.588	0.56	0.562	0.184
AT5g10830	0.584	0.538	0.308	0.892	0.242
AT5g11090	0.875	0.506	2.214	0.929	1.29
AT5g11480	1.097	0.857	1.145	0.922	2.38

AT5g11560	0.738	1.2485	0.64	1.003	0.309
AT5g11580	1.021	1.577	1.737	0.894	6.949
AT5g11670	0.733	1.35	0.756	1.254	0.397
AT5g11740	0.854	0.461	0.813	1.002	0.788
AT5g11790	0.95	0.851	0.759	0.974	0.49
AT5g11920	0.401	1.128	0.152	0.436	6.724
AT5g12890	0.955	1.225	1.344	0.921	2.07
AT5g12950	1.051	0.836	1.2295	2.004	1.439
AT5g13120	1.132	1.186	1.194	0.93	3.213
AT5g13200	1.154	1.24	0.529	0.749	0.459
AT5g13330	0.9685	0.986	0.604	0.825	0.402
AT5g13420	0.865	0.621	0.755	0.826	0.372
AT5g13500	0.732	0.854	0.669	1.022	0.229
AT5g13560	0.326	0.423	1.018	0.709	1.147
AT5g13650	1.436	1.715	1.762	1.049	2.797
AT5g13800	1.14	2.008	2.091	1.098	4.61
AT5g14170	2.453	1.915	2.343	1.725	8.526
AT5g14210	0.995	1.44	1.296	1.258	2.037
AT5g14330	1.88	1.422	1.013	1.598	2.553
AT5g14370	1.855	1.279	1.12	1.688	2.577
AT5g14780	1.724	1.422	0.759	2.238	0.45
AT5g14920	0.664	0.612	1.899	2.06	1.228
AT5g15200	0.698	0.606	1.169	0.593	2.091
AT5g15230	0.653	0.772	0.554	1.015	0.152
AT5g15410	1.183	1.624	2.666	1.317	6.438
AT5g15580	0.845	0.755	0.615	0.949	0.395
AT5g15830	0.496	0.844	0.773	0.817	0.511
AT5g15850	1.214	1.378	0.937	1.131	3.233
AT5g15880	1.497	1.638	1.648	1.482	4.206
AT5g15970	1.398	0.78	1.37	1.003	2.325
AT5g16030	1.055	0.9595	2.056	1.069	3.945
AT5g16120	1.214	1.691	1.636	1.27	4.988
AT5g16360	1.116	1.639	1.088	1.156	2.479
AT5g16730	1.65	0.949	0.676	1.356	0.469
AT5g17020	1.626	1.401	0.862	1.562	0.485
AT5g17080	2.348	1.78	1.781	2.198	6.081
AT5g17170	0.78	1.1	1.068	0.756	4.329
AT5g17280	1.186	1.61	1.352	1.297	2.986
AT5g17870	0.863	0.655	0.89	0.658	4.214
AT5g17910	1.252	0.855	0.714	1.322	0.486
AT5g18600	2.505	2.128	1.362	1.867	4.054
AT5g18630	0.898	1.175	1.378	0.904	2.509
AT5g19340	0.736	0.849	2.329	0.837	3.688
AT5g19400	1.329	1.384	1.334	1.0245	2.304
AT5g19450	2.029	1.509	1.513	1.41	3.71
AT5g19650	1.004	0.707	0.863	1.238	0.331
AT5g19760	0.597	0.442	0.164	0.77	1.33
AT5g19980	1.983	1.932	2.67	1.898	9.201
AT5g20110	1.188	1.248	0.94	1.135	2.612
AT5g20230	1.565	1.497	2.088	0.836	5.146
AT5g20250	2.002	0.91	2.38	0.887	4.103
AT5g20290	0.64	0.616	0.594	0.855	0.496
AT5g20490	1.542	1.723	1.743	1.352	4.382
AT5g20570	0.889	1.296	1.683	1.089	4.096
AT5g20710	0.624	0.844	0.488	0.533	0.295
AT5g20830	1.286	1.701	1.584	1.234	5.454
AT5g22460	0.949	1.431	0.347	1.152	0.232
AT5g22700	1.1085	1.1695	1.113	1.1145	2.307
AT5g23660	0.45	0.815	0.743	1.1355	0.465
AT5g23900	0.772	0.66	1.263	0.577	2.13

AT5g24490	1.1235	1.027	0.772	1.917	0.272
AT5g24580	0.979	1.157	0.48	1.31	0.555
AT5g24670	1.912	1.368	2.156	1.782	4.629
AT5g24770	0.753	0.454	0.923	0.745	0.997
AT5g24800	1.488	1.408	1.493	1.056	2.213
AT5g24810	0.9675	1.051	0.764	0.767	0.425
AT5g24950	1.47	1.944	2.085	1.279	4.762
AT5g25100	0.997	0.894	0.81	1.223	0.375
AT5g25220	1.159	1.556	1.376	0.924	2.447
AT5g25770	1.045	0.91	0.945	1.212	0.423
AT5g25880	0.634	0.946	0.623	0.9365	0.397
AT5g26000	1.795	2.754	0.909	2.287	4.38
AT5g26260	0.376	1.124	0.849	1.023	0.597
AT5g26600	0.995	1.014	1.308	1.005	2.139
AT5g26680	2.038	1.076	0.995	1.218	1.468
AT5g26980	0.938	0.774	0.653	0.786	0.441
AT5g27000	0.9	0.767	0.72	0.884	0.471
AT5g27430	1.131	1.474	2.729	1.379	6.304
AT5g27640	1.517	1.28	0.886	1.008	0.273
AT5g27720	1.15	1.234	1.18	1.16	2.273
AT5g27870	1.544	1.582	1.912	1.37	6.918
AT5g27950	1.365	2.028	1.713	1.244	4.226
AT5g28040	1.051	1.63	1.317	1.22	2.132
AT5g28350	1.117	0.999	1.335	1.307	4.835
AT5g28500	1.096	1.804	2.42	1.329	6.267
AT5g28540	1.145	0.84	0.685	0.86	0.478
AT5g28630	1.275	1.495	0.446	0.975	0.212
AT5g28840	1.004	1.145	1.864	0.894	3.299
AT5g28880	0.975	0.832	1.197	1.073	2.044
AT5g30510	0.692	0.83	1.319	0.814	2.84
AT5g34850	2.523	2.117	2.639	1.688	9.698
AT5g35050	0.437	0.38	0.617	0.633	0.407
AT5g35370	0.896	0.911	0.8245	1.813	0.145
AT5g35520	1.794	0.989	0.68	2.105	0.596
AT5g36710	0.73	0.966	2.445	0.344	8.72
AT5g36790	1.222	1.377	2.906	0.874	8.683
AT5g37130	0.984	1.577	2.206	1.154	4.793
AT5g37770	0.841	0.489	0.411	0.386	0.313
AT5g38290	0.922	0.977	1.383	0.952	3.239
AT5g38410	1.0175	1.3925	1.5825	1.1685	3.631
AT5g38420	1.173	1.644	1.843	1.218	4.502
AT5g38430	1.0905	1.573	1.67	1.098	6.026
AT5g38480	0.765	0.559	1.249	0.684	2.226
AT5g38520	1.269	1.561	1.753	1.005	3.31
AT5g38820	1.152	1.609	1.644	0.639	2.537
AT5g38990	2.036	1.272	0.606	1.881	1.3345
AT5g39510	1.0795	0.755	1.233	1.1235	2.027
AT5g39830	1.42	1.0385	0.8925	1.0915	2.566
AT5g39900	1.049	1.497	2.032	1.284	5.562
AT5g39990	0.814	1.143	0.794	0.271	0.473
AT5g40730	0.904	0.738	0.646	1.225	0.265
AT5g41770	1.268	1.086	1.25	1.267	2.89
AT5g41990	0.983	1.038	0.875	0.9765	0.422
AT5g42020	0.837	0.764	0.651	0.818	0.429
AT5g42220	0.464	0.888	0.834	0.894	0.463
AT5g42530	0.808	0.811	1.748	0.185	1.426
AT5g43520	0.789	0.886	0.806	0.518	0.431
AT5g43630	1.324	1.133	3.971	1.179	5.649
AT5g43780	0.577	0.624	0.764	0.762	0.382
AT5g43830	1.574	0.798	0.732	0.811	9.469
AT5g44070	0.587	0.69	0.677	0.643	0.367

AT5g44080	2.295	1.976	1.798	2.13	7.612
AT5g44120	0.234	0.803	0.142	0.279	0.902
AT5g44130	1.076	1.469	1.639	1.271	3.966
AT5g44380	1.433	1.292	0.9365	0.625	0.219
AT5g44440	0.231	1.204	0.533	0.487	0.22
AT5g44610	0.892	0.648	0.567	0.83	0.196
AT5g44790	0.727	0.83	0.959	0.927	0.382
AT5g44810	1.531	1.244	1.17	1.219	2.175
AT5g45300	0.911	0.794	0.679	1.057	0.428
AT5g45710	1.942	1.571	2.116	1.795	6.059
AT5g45820	0.857	1.068	1.052	1.015	2.02
AT5g45950	0.405	0.525	0.551	0.665	0.56
AT5g46110	0.84	1.707	2.539	0.781	8.698
AT5g46180	0.625	0.849	0.657	0.816	0.369
AT5g46430	0.811	0.389	0.252	0.753	0.134
AT5g46600	0.722	0.933	1.131	0.498	1.86
AT5g46900	0.777	0.754	0.426	0.914	0.272
AT5g47050	1.135	0.946	1.488	0.8	3.023
AT5g47060	0.742	0.744	0.708	1.058	0.419
AT5g47120	0.682	0.742	0.612	0.839	0.485
AT5g47390	1.194	1.146	1.143	0.951	3.324
AT5g47450	0.489	1.008	0.742	0.771	0.346
AT5g47560	1.746	1.225	1.945	0.674	3.115
AT5g47730	0.896	0.692	0.905	1.012	0.454
AT5g47770	1.147	1.146	0.965	1.294	2.109
AT5g47990	1.311	1.448	0.507	0.961	0.098
AT5g48160	0.784	1.303	0.789	0.621	0.313
AT5g48300	0.805	1.076	1.695	0.904	3.873
AT5g48480	1.704	1.892	2.348	1.407	7.836
AT5g48500	1.286	0.82	0.683	1.229	0.47
AT5g48760	1.138	0.9655	1.091	0.9865	2.884
AT5g49230	0.465	0.692	0.872	0.971	1.069
AT5g49650	0.981	1.16	0.844	0.48	0.927
AT5g50250	1.145	1.317	1.549	1.261	2.28
AT5g50370	0.646	0.902	0.611	0.691	0.346
AT5g50450	0.926	1.126	3.099	0.842	1.073
AT5g50700	1.046	1.201	0.818	0.955	2.72
AT5g50850	0.83	0.73	1.565	1.254	2.505
AT5g51110	1.902	1.594	2.078	1.858	7.719
AT5g51570	1.394	1.181	1.077	1.219	2.099
AT5g51890	0.817	1.004	0.723	1.043	0.409
AT5g52180	0.74	0.562	0.617	0.406	1.838
AT5g52590	0.24	0.263	0.535	0.529	0.23
AT5g52820	1.579	1.2	2.817	1.225	8.649
AT5g53140	1.177	0.988	1.1715	0.9945	0.282
AT5g53490	1.616	1.24	2.98	1.384	6.126
AT5g53970	1.35	1.431	2.1	0.93	2.512
AT5g53980	0.86	0.661	0.58	0.967	0.29
AT5g54110	0.455	0.964	0.65	0.661	0.993
AT5g54270	1.388	1.68	3.096	1.612	7.55
AT5g54600	0.986	0.832	1.895	0.92	3.8
AT5g54730	1.073	0.909	0.674	0.96	0.445
AT5g54810	0.677	0.797	0.691	0.896	0.375
AT5g54930	0.72	0.851	0.495	0.727	0.199
AT5g54940	1.252	0.899	0.732	1.685	0.394
AT5g55130	0.586	0.806	0.779	1.004	0.316
AT5g55480	0.979	1.215	1.064	0.986	2.907
AT5g55500	1.194	1.779	1.232	1.182	3.882
AT5g55710	0.859	1.107	1.027	1.0015	2.746
AT5g55920	2.099	2.451	2.065	0.976	3.2

AT5g56020	1.1475	1.0075	0.974	1.0175	3.748
AT5g56360	1.07	1.026	1.482	1.394	2.077
AT5g56550	0.684	1.243	1.306	0.411	2.334
AT5g56650	1.1165	1.392	2.264	1.05	4.038
AT5g56840	1.278	1.123	1.404	1.326	2.284
AT5g57040	1.365	0.453	0.9545	0.9195	1.498
AT5g57180	0.555	0.547	0.358	0.881	0.285
AT5g57350	0.949	1.304	1.915	0.408	1.387
AT5g57360	0.395	0.709	0.806	0.59	1.092
AT5g57870	1.199	1.396	2.381	1.273	0.702
AT5g58060	1.944	0.859	0.683	1.959	3.555
AT5g58300	0.964	1.102	1.439	1.084	3.044
AT5g58410	1.553	3.004	1.739	0.789	2.413
AT5g58500	1.296	1.696	2.258	1.279	4.467
AT5g58800	0.579	1.076	0.62	0.869	0.409
AT5g59210	1.23	1.705	2.844	1.112	4.892
AT5g59350	0.478	0.505	0.932	0.937	0.379
AT5g59440	1.056	1.149	1.541	1.077	3.038
AT5g59780	1.155	0.693	0.866	0.874	0.432
AT5g59850	0.878	0.587	1.0465	0.72	2.33
AT5g60200	0.881	1.303	0.904	0.783	0.238
AT5g60660	0.615	0.676	0.349	0.781	0.141
AT5g60950	1.45	0.915	1.105	1.035	2.649
AT5g61000	1.857	1.273	1.73	1.492	8.352
AT5g61020	1.052	0.989	0.368	0.927	0.201
AT5g61160	1.316	1.421	1.813	1.805	2.505
AT5g61410	0.9215	1.167	2.013	0.798	4.139
AT5g61570	0.829	0.819	0.718	0.995	0.348
AT5g61600	1	0.75	0.961	0.404	0.68
AT5g61780	1.128	0.824	0.83	1.357	0.444
AT5g61790	0.499	0.653	0.659	0.787	0.444
AT5g61820	0.687	1.857	0.465	1.359	0.436
AT5g62010	1.087	0.849	0.773	0.828	0.414
AT5g62140	1.241	1.158	1.183	0.949	2.34
AT5g62840	1.348	1.739	1.611	1.324	2.474
AT5g63110	1.211	1.386	1.142	1.297	2.579
AT5g63600	0.856	0.534	1.256	0.72	0.255
AT5g63620	0.913	1.279	1.0775	1.037	2.229
AT5g63640	1.381	1.401	1.8	1.323	3.508
AT5g63840	1.338	1.396	2.147	1.456	3.985
AT5g63860	1.041	1.544	1.512	1.279	3.181
AT5g63890	1.048	1.097	1.409	0.946	2.088
AT5g63940	0.333	0.383	0.454	0.578	0.271
AT5g64030	0.898	0.656	1.593	0.86	4.911
AT5g64040	1.171	1.356	3.562	1.414	19.88
AT5g64100	0.733	0.999	0.709	0.85	0.387
AT5g64220	1.089	1.125	0.671	1.036	0.47
AT5g64260	0.941	1.031	1.119	0.885	0.465
AT5g64290	1.368	1.21	1.064	1.08	2.149
AT5g64570	0.614	0.548	0.531	0.833	0.418
AT5g64740	1.698	1.516	4.163	1.398	0.306
AT5g64970	0.848	0.997	0.577	0.757	0.478
AT5g65050	1.157	1.361	1.637	1.218	2.642
AT5g65110	0.83	1.125	0.974	1.0655	0.322
AT5g65250	1.51	1.108	1.753	1.109	2.711
AT5g65310	0.934	0.739	1.015	1.428	0.457
AT5g65470	0.788	0.717	0.502	0.875	0.493
AT5g65480	1.126	0.614	0.478	1.023	0.213
AT5g65670	0.319	0.394	0.696	1.208	0.284
AT5g65950	0.841	1.502	2.141	1.178	0.69
AT5g66140	1.191	0.934	0.967	1.116	3.082

AT5g66230	0.993	0.9	1.641	1.232	3.97
AT5g66390	0.516	0.512	0.772	0.835	0.264
AT5g66400	0.304	0.31	0.39	0.229	0.938
AT5g66580	0.921	0.651	1.517	1.043	2.178
AT5g66690	0.795	0.674	0.779	0.947	0.4
F21N10_3	0.98	1.17	1.602	1.112	2.119
H36329	1.092	0.637	0.819	0.776	0.475
H36348	1.285	1.671	3.688	1.746	10.396
H36553	1.312	1.707	1.869	0.948	2.452
H36716	2.525	2.095	2.107	2.237	5.131
H77126	1.103	2.859	0.761	1.128	0.713
N37198	1.014	1.17	2.869	1.071	5.771
N37919	0.948	1.063	0.704	0.989	0.276
N38540	0.952	1.416	2.395	1.227	6.001
N64963	1.399	1.492	2.389	1.367	3.748
N65723	0.487	0.814	0.184	1.229	0.142
N65785	0.951	1.409	2.423	1.209	7.189
N95849	1.562	1.256	0.88	1.452	0.447
N96797	1.629	1.198	0.907	1.499	0.468
N96841	0.123	0.145	1.695	0.201	0.371
N96900	1.055	1.44	2.423	1.265	6.094
N96922	1.121	1.534	2.14	1.278	5.815
N96928	1.119	1.231	2.234	1.37	6.05
N96951	0.768	0.49	1.088	0.681	1.307
NoName1	1.457	0.792	1.051	1.616	0.421
R30037	2.107	0.857	1.266	1.605	0.66
R30303	0.792	1.259	0.972	0.824	2.517
R30596	1.074	1.634	2.553	1.334	6.963
R65009	1.117	1.478	2.093	1.215	5.016
R90351	1.033	1.256	1.516	1.226	2.492
T20797	2.054	1.697	1.58	1.822	7.166
T21734	0.624	0.57	1.407	0.308	1.382
T21939	0.927	1.42	2.165	0.93	6.236
T22954	1.116	0.797	1.704	0.831	2.137
T41945	1.13	0.891	0.787	1.106	0.322
T42011	0.909	1.275	1.232	0.938	2.606
T42484	1.361	1.809	2.576	1.453	5.737
T42539	0.446	0.609	0.958	0.777	0.518
T43519	2.47	1.575	2.478	1.631	9.925
T43648	1.113	1.648	2.636	1.257	6.302
T45129	0.912	0.77	0.582	1.298	0.4
T45974	1.283	1.1	0.427	1.027	1.844
T76584	1.111	1.549	1.701	1.264	3.466