

AccNumber	L6h	L24h	L48h	L72h	R6h	R24h	R48h	R72h
AA067463	1.018	1.426	0.322	1.118	0.999	1.062	1.365	1.26
AA067530	0.757	0.968	2.365	1.598	0.91	0.931	0.397	1.181
At1g01080	0.878	0.944	0.438	0.903	1.174	0.934	0.944	1.11
At1g01090	1.282	1.25	2.744	1.212	1.42	1.143	0.79	1.125
At1g01350	1.339	1.828	2.91	1.978	1.358	1.248	1.198	0.773
At1g01470	0.891	0.758	0.835	0.899	0.998	0.672	0.395	0.616
At1g01620	1.03	1.8665	2.462	1.3335	0.987	1.464	1.24	1.767
At1g01650	1.218	1.095	1.156	0.9995	1.248	1.369	2.099	1.21
At1g01770	0.947	1.182	3.411	0.719	0.883	1.879	1.953	1.42
At1g01830	1.141	1.103	1.742	2.028	1.001	0.862	0.774	0.799
At1g02200	1.064	0.335	0.408	0.491	0.881	0.879	0.559	1.111
At1g02340	1.114	1.493	2.283	1.227	1.027	1.197	0.937	1.434
At1g02500	1.075	1.069	1.359	0.826	0.906	0.776	0.43	0.802
At1g02640	0.917	2.307	1.562	1.644	2.284	4.335	1.125	3.04
At1g02840	0.965	1.124	2.044	1.858	1.457	1.399	2.089	0.89
At1g02920	0.835	0.598	0.538	0.301	0.273	0.513	1.298	1.053
At1g02930	0.905	0.743	0.887	0.272	0.35	0.584	1.138	0.904
At1g03090	1.026	1.539	7.121	1.387	1.052	1.825	3.168	1.539
At1g03130	1.26	0.577	0.412	0.747	0.901	1.214	1.492	1.15
At1g03170	0.95	1.917	3.685	1.678	1.266	1.298	1.434	0.532
At1g03200	1.049	2.575	2.543	1.475	1.006	1.095	1.147	1.113
At1g03220	1.279	1.497	1.905	0.343	0.641	0.827	0.826	0.873
At1g03230	1.068	1.015	1.813	0.354	0.941	0.873	0.907	0.805
At1g03930	1.295	0.807	0.452	1.037	0.925	1.058	1.134	1.088
At1g04040	0.824	1.242	0.686	0.846	1.053	0.746	0.415	0.737
At1g04080	0.884	1.645	3.169	1.397	1.099	1.229	2.071	1.255
At1g04250	0.969	1.236	1.023	0.941	1.024	0.753	0.332	0.772
At1g04300	0.86	1.102	2.501	1.177	1.077	1.274	1.611	1.101
At1g04440	0.867	1.285	2.027	1.216	0.883	1.251	1.546	1.236
At1g04480	1.081	1.154	0.452	1.028	1.065	1.117	1.334	1.098
At1g04660	0.883	1.933	4.899	1.536	1.078	1.263	1.833	1.081
At1g04680	1.084	1.77	2.377	1.324	1.138	1.791	5.35	1.171
At1g04820	1.057	0.31	0.655	0.462	1.956	0.9	0.275	0.739
At1g04970	0.858	1.565	1.985	1.346	1.048	1.59	2.017	1.42
At1g05020	1.118	1.654	2.095	0.926	1.045	1.004	1.203	1.078
At1g05340	1.41	1.038	1.733	0.763	0.75	1.318	2.134	1.176
At1g05850	1.098	0.613	1.245	0.754	1.329	0.846	0.494	0.923
At1g06040	1.171	1.33	1.649	1.258	0.446	0.913	0.573	1.327
At1g06090	0.802	1.421	2.652	1.668	1.156	1.228	1.937	1.365
At1g06400	0.927	1.371	2.371	1.477	0.849	1.21	1.038	1.162
At1g06460	0.956	0.343	0.398	1.104	1.027	0.801	0.571	0.862
At1g06570	1.05	3.79	7.661	1.828	0.957	1.446	3.497	1.463
At1g06760	1.074	0.808	2.377	0.766	1.071	1.189	1.079	1.192
At1g07530	1.141	0.788	2.103	0.936	1.1	1.152	2.434	1.1
At1g07890	1.002	0.671	0.712	0.543	0.791	0.616	0.477	0.877
At1g08190	1.007	1.836	2.007	1.149	0.896	1.289	1.493	1.385
At1g08250	1.382	1.374	2.638	1.646	2.857	5.671	3.002	1.127
At1g08630	1.355	1.197	1.245	0.695	1.237	0.833	2.433	1.048
At1g08710	0.998	1.366	2.707	1.391	1.147	1.159	1.707	1.181
At1g09250	0.819	1.236	1.885	2.818	1.151	1.159	1.127	0.981

At1g09270	1.187	2.044	2.245	1.236	0.829	1.19	1.174	1.468
At1g09280	1.074	0.8465	0.501	0.428	0.926	0.505	0.204	0.757
At1g10290	0.911	0.857	2.806	1.289	1.175	1.28	1.397	0.715
At1g10390	1.104	1.15	0.252	0.989	1.035	1.119	1.185	1.023
At1g10410	1.014	1.021	2.295	1.44	1.16	1.494	1.018	1.368
At1g10500	0.992	0.486	0.423	1.015	1.006	1.087	0.877	0.948
At1g10670	1.14	0.391	1.371	0.8	1.169	0.855	0.581	0.864
At1g10740	0.899	2.117	1.305	1.469	1.176	1.524	0.932	1.758
At1g10840	0.852	1.1345	2.334	0.968	0.937	0.921	1.001	1.219
At1g10950	0.938	1.447	2.673	1.329	1.114	1.044	1.445	1.343
At1g11260	1.149	5.551	6.67	4.983	1.248	2.582	3.769	2.614
At1g11360	0.892	0.537	0.473	0.48	1.062	0.483	0.23	0.585
At1g11530	0.951	1.072	1.738	0.9	0.809	0.473	0.493	0.66
At1g11650	1.14	1.556	1.547	1.533	1.355	1.163	2.444	0.882
At1g11840	1.186	0.642	0.419	0.789	1.099	0.846	0.531	0.807
At1g11860	1.193	0.9255	0.363	0.955	1.266	1.188	1.023	1.047
At1g11910	1.406	1.737	3.145	1.566	1.078	0.885	1.323	1.101
At1g12000	1.197	0.721	1.396	1.159	1.582	0.786	0.353	0.684
At1g12110	0.977	0.964	1.248	0.922	1.047	0.479	0.382	0.591
At1g12200	1.371	2.331	0.445	1.269	1.182	1.023	0.785	0.995
At1g12240	1.125	2.431	2.298	1.736	0.91	0.879	0.801	0.771
At1g12340	0.949	1.167	0.752	1.336	1.049	2.067	2.611	1.254
At1g12440	0.951	1.888	6.146	2.015	0.852	1.657	3.1	2.127
At1g12550	0.685	1.468	2.812	1.177	1.219	1.173	1.339	1.285
At1g12680	1.179	1.345	0.666	1.155	0.812	1.407	2.053	1.476
At1g12760	1.041	2.083	1.195	1.233	1.029	1.029	1.266	1.041
At1g12780	0.943	1.225	6.559	1.088	0.918	1.137	1.722	1.152
At1g12850	1.124	1.067	0.902	0.907	0.872	0.607	0.468	0.694
At1g12900	1.254	2.315	0.379	1.125	1.2	1.066	1.002	1.109
At1g12930	1.233	1.928	5.841	2.198	1.156	1.5	2.13	1.054
At1g13120	0.92	1.087	0.334	1.018	1.116	1.103	0.849	0.909
At1g13260	0.977	1.215	1.104	0.882	1.058	2.323	3.314	1.075
At1g13440	1.417	1.211	1.019	0.707	0.942	0.654	0.45	0.75
At1g14370	0.882	0.552	2.259	0.838	0.894	1.211	2.518	1.481
At1g14400	0.828	1.393	2.103	1.153	1.1	1.151	1.464	1.355
At1g14740	1.245	1.937	5.403	1.693	0.806	1.318	1.485	1.149
At1g15100	1.119	1.246	0.409	1.104	0.864	0.8	0.918	0.962
At1g15130	1.206	1.833	3.268	2.722	0.821	1.571	2.577	2.038
At1g15280	0.904	0.393	0.646	0.697	1.108	0.634	0.573	0.644
At1g15380	1.009	1.751	5.22	1.22	0.909	1.722	2.134	1.856
At1g15400	0.858	1.512	2.267	1.258	1.016	1.27	1.468	1.228
At1g15740	1.198	1.608	2.445	1.25	0.919	1.539	1.781	1.499
At1g15750	0.998	1.105	2.572	1.293	1.14	1.166	1.615	1.176
At1g15790	1.06	7.535	56.29	3.129	0.793	2.545	11.11	1.52
At1g15820	1.339	0.551	0.305	0.778	0.928	0.933	1.14	1.132
At1g16240	1.06	1.159	2.808	1.266	0.944	1.188	1.431	1.187
At1g16300	1.167	1.435	2.657	1.589	1.145	1.25	1.838	1.002
At1g16520	0.985	1.0735	0.393	0.9565	0.997	0.994	0.735	0.713
At1g16780	1.418	2.585	5.909	1.645	2.659	2.4	2.101	0.626
At1g16860	1.17	1.034	2.153	1.124	1.248	0.841	0.917	0.934
At1g17110	1.143	0.848	2.096	0.975	1.069	1.156	1.35	1.205

At1g17190	0.849	0.861	0.614	0.763	0.793	0.65	0.382	0.735
At1g17220	1.482	0.67	0.457	1.808	0.835	0.797	0.089	0.786
At1g17280	1.137	1.004	0.288	1.001	0.92	0.918	0.984	0.987
At1g17340	1.142	0.739	2.315	1.389	0.894	0.919	0.621	1.267
At1g17740	1.07	0.884	0.639	0.548	1.042	0.734	0.379	0.755
At1g17860	0.988	2.321	1.265	1.476	0.651	0.986	1.439	1.534
At1g18170	1.049	1.247	0.269	1.193	1.122	0.822	0.803	1.245
At1g18450	1.028	0.8585	0.651	0.76	1.064	0.832	0.469	0.809
At1g18460	1.095	0.755	2.049	1.241	0.87	1.033	1.952	1.175
At1g18470	0.927	1.126	2.058	1.156	0.929	1.195	1.64	1.239
At1g18540	1.081	0.9855	0.513	0.622	1.262	0.808	0.488	0.769
At1g18660	0.956	1.13	2.679	1.002	0.962	1.479	0.89	1.313
At1g19130	1.036	1.343	0.36	1.198	1.01	0.855	0.655	0.818
At1g19880	1.117	3.359	12.43	2.267	1.065	1.827	6.114	1.382
At1g20050	0.99	1.934	2.053	1.017	0.842	1.002	1.684	1.301
At1g20260	1.224	1.067	2.04	1.311	0.997	0.854	1.083	1.12
At1g20340	1.239	1.0215	0.351	0.8435	0.865	0.974	0.95	1.023
At1g20440	0.831	0.485	0.136	0.911	0.634	0.34	0.425	0.771
At1g20450	1.003	0.299	1.234	0.623	0.572	0.297	0.219	0.786
At1g20620	1.135	0.624	3.279	0.8195	1.109	1.261	2.242	1.344
At1g20850	1.044	0.997	1.331	0.8725	0.821	0.886	0.454	1.218
At1g21110	0.828	0.794	0.572	1.081	0.958	1.177	2.421	2.231
At1g21270	1.055	0.56	0.439	0.835	0.891	0.757	0.826	0.945
At1g21310	1.033	0.993	0.858	0.421	0.82	0.594	0.445	0.783
At1g21680	1.225	1.4	3.976	2.431	1.158	1.955	3.968	2.012
At1g21720	0.947	1.72	2.286	1.425	1.007	1.018	1.086	1.093
At1g21750	0.952	1.25	0.292	1.126	1.346	0.884	0.651	0.784
At1g21770	1.023	1.333	2.857	1.245	1.064	1.01	1.383	1.323
At1g21780	0.898	1.578	3.142	1.13	1.294	1.502	2.153	1.195
At1g21920	1.001	1.824	3.305	0.938	0.847	1.069	1.322	1.144
At1g22500	0.949	1.215	0.646	0.877	1.45	1.59	2.178	1.244
At1g22530	0.667	0.721	2.499	1.829	1.075	0.862	1.173	1.233
At1g22710	1.31	1.014	0.209	0.776	1.043	1.241	0.77	1.193
At1g22800	0.874	0.815	1.474	0.984	1.137	0.993	0.486	1.044
At1g22860	0.975	0.966	0.441	1.001	1.238	1.029	1.291	0.954
At1g23090	0.968	1.792	2.195	0.976	0.842	0.999	0.684	0.809
At1g23120	0.831	1.403	1.564	1.075	0.981	2.037	2.707	1.421
At1g23310	1.365	2.348	1.441	1.92	1.124	1.288	1.304	1.089
At1g24180	1.113	1.273	1.129	1.075	0.773	1.111	2.35	1.492
At1g25230	0.952	1.108	2.132	1.357	1.196	1.741	1.18	1.705
At1g25390	0.843	1.079	0.999	0.987	0.965	2.051	1.58	1.409
At1g25400	1.059	1.211	0.138	0.924	1.152	1.323	0.705	1.499
At1g25500	0.895	1.032	2.317	1.174	1.219	1.368	1.637	0.954
At1g26110	1.181	1.072	0.492	0.831	0.885	0.672	0.533	0.841
At1g27950	0.972	0.919	1.898	0.759	1.3	1.756	3.155	1.728
At1g28120	1.148	0.955	0.314	0.966	0.805	0.874	0.622	1.015
At1g28130	1.087	1.011	0.491	1.084	0.793	0.91	0.767	0.921
At1g28230	1.073	0.57	0.46	0.826	0.806	0.748	0.62	0.798
At1g28330	0.651	1.073	3.319	2.402	0.891	1.972	5.333	1.912
At1g29020	0.833	1.144	1.069	1.017	0.951	0.694	0.484	0.875
At1g29400	1.242	1.418	3.462	0.999	1.233	1.464	1.966	1.013

At1g29670	0.807	0.345	0.541	0.72	0.795	0.869	0.59	1.419
At1g29910	0.85	1.825	5.188	1.613	2.662	2.596	2.046	0.944
At1g30130	1.008	2.677	2.444	1.453	1	1.495	1.794	1.422
At1g30200	1.08	1.127	0.714	1.157	0.549	1.009	2.645	1.638
At1g30360	0.909	0.555	0.637	0.961	1.069	0.644	0.401	0.821
At1g30380	1.251	0.614	0.216	0.764	0.71	1.018	1.079	1.03
At1g30400	0.78	0.228	0.815	0.862	1.026	0.98	1.158	0.988
At1g30440	0.962	1.099	0.256	1.071	1.348	1.163	1.013	1.026
At1g30510	0.834	0.93	0.725	0.857	1.148	0.511	0.234	0.528
At1g30690	1.113	0.91	1.18	0.78	0.75	0.808	0.492	1.04
At1g30720	0.96	0.991	2.328	1.089	0.74	1.84	3.823	2.594
At1g30750	1.002	2.354	0.723	1.004	1.073	1.038	0.997	1.224
At1g30970	0.973	0.9885	1.776	0.9745	1.167	1.514	2.272	1.064
At1g31580	0.718	0.798	0.171	0.731	1.004	1.184	1.376	1.289
At1g31840	1.129	0.969	2.013	1.387	1.007	1.035	1.165	1.058
At1g31870	0.862	1.04	1.161	0.932	0.457	0.964	2.014	1.556
At1g32060	1.103	1.072	0.783	1.3305	0.998	0.971	0.816	0.457
At1g32230	1.164	0.715	2.119	1.398	1.02	1.299	1.651	1.365
At1g32550	1.012	1.182	2.119	1.348	1.234	1.081	1.285	0.912
At1g32640	1.411	1.173	2.89	2.687	0.879	1.183	1.163	1.241
At1g32700	1.009	1.048	1.263	0.9405	1.06	1.671	2.282	1.308
At1g33230	1.057	0.664	2.522	0.967	0.853	0.979	1.184	1.123
At1g33250	0.822	0.844	2.245	1.553	0.964	1.369	1.997	1.549
At1g33560	0.946	1.05	2.003	1.056	0.799	1.177	2.022	1.453
At1g33730	1.162	0.693	1.141	0.73	1.425	0.887	0.454	0.699
At1g34190	0.665	0.426	0.736	0.702	0.957	0.78	0.567	0.719
At1g34460	0.875	2.246	0.579	1.893	1.085	1.711	2.777	2.574
At1g35470	1.107	1.085	0.489	0.955	0.688	1.042	1.381	1.186
At1g35580	1.161	2.626	4.55	1.857	0.775	1.507	2.4	1.69
At1g35680	0.914	0.655	0.26	0.842	1.121	1.036	0.843	1.079
At1g35720	0.726	0.581	0.419	0.757	1.006	0.682	0.612	0.763
At1g36060	0.922	1.375	5.274	0.87	0.987	1.151	1.202	1.037
At1g36980	1.019	2.023	2.101	1.31	1.111	1.409	1.773	1.391
At1g41830	0.829	0.802	0.763	0.647	1.086	0.724	0.49	0.679
At1g41880	0.895	0.538	0.273	0.478	1.075	0.733	0.233	0.686
At1g42470	1.028	1.226	0.158	0.915	0.943	1.052	0.66	0.616
At1g43890	0.944	0.397	1.494	1.032	0.915	0.894	0.648	0.799
At1g44100	0.853	1.227	0.35	0.917	1.457	1.369	0.509	1.183
At1g44790	0.888	0.368	0.57	0.717	1.014	0.779	0.615	0.776
At1g47310	0.951	0.879	2.644	1.281	1.018	1.085	1.214	0.989
At1g47710	1.332	0.566	0.511	0.417	0.692	1.02	0.852	0.977
At1g47740	1.006	1.568	2.985	1.336	1.006	1.353	1.079	1.402
At1g48300	1.151	1.778	2.32	1.231	0.968	1.514	2.503	1.222
At1g48350	0.832	0.528	0.191	0.908	1.25	1.462	1.002	1.267
At1g48600	0.953	0.646	0.303	0.833	0.963	0.92	0.396	0.873
At1g48840	0.977	1.1495	2.502	1.13	1.045	1.477	1.385	1.199
At1g48850	1.128	0.819	1.016	0.715	0.786	0.752	0.452	0.798
At1g48880	0.91	1.038	1.297	1.062	1.13	1.417	4.852	1.236
At1g49030	1.08	0.678	0.653	0.639	1.13	0.695	0.357	0.834
At1g49240	1.017	2.146	2.05	1.439	0.929	1.071	1.395	1.55
At1g49480	0.957	1.287	0.439	1.239	1.157	1.328	1.492	1.237

At1g49580	1.173	2.99	16.02	3.331	1.039	1.214	2.747	1.473
At1g49720	1.156	2.077	5.954	1.881	1.123	0.86	1.893	0.675
At1g50010	1.2	0.557	0.776	0.553	1.82	0.836	0.4	0.77
At1g50200	0.89	1.34	1.89	1.006	1.12	2.278	2.61	1.596
At1g50480	1.129	1.346	2.681	1.297	1.095	1.382	2.188	1.333
At1g50560	1.062	1.243	2.258	1.074	1.166	1.206	1.37	1.1
At1g50600	1.164	1.053	0.216	1.001	0.829	1.156	1.318	1.208
At1g50630	1.003	1.095	0.168	1.006	1.028	1.056	0.821	1.344
At1g50660	2.048	1.406	2.243	1.471	0.855	0.976	0.821	0.998
At1g50900	0.996	1.0065	0.337	1.019	1.303	1.264	1.465	0.927
At1g50940	0.95	1.238	0.448	0.957	0.991	0.813	0.578	0.895
At1g51680	1.458	1.347	1.008	0.675	0.766	0.506	0.315	0.759
At1g51830	0.94	0.612	0.25	0.858	0.803	0.881	0.625	0.693
At1g52370	1.083	0.941	0.335	1.079	1.013	0.945	0.612	0.889
At1g52630	1.105	1.84	3.294	4.135	0.914	1.864	3.516	2.484
At1g52760	0.858	1.443	3.407	1.641	0.903	0.914	1.895	1.359
At1g52890	0.951	0.7955	2.507	0.667	0.528	1.249	2.35	1.555
At1g53310	1.148	0.9535	0.678	0.709	0.976	0.658	0.386	0.617
At1g53320	1.022	1.087	3.034	1.102	1.001	1.171	1.45	1.241
At1g53450	0.997	0.4	0.681	0.547	1.79	0.947	0.3	0.792
At1g53910	0.991	1.452	2.868	0.801	0.918	0.888	1.894	1.374
At1g54000	0.842	0.775	0.643	1.028	0.997	0.787	0.353	0.908
At1g54100	1.115	1.432	6.803	0.972	0.784	1.126	2.436	1.097
At1g54130	1.296	1.189	5.174	1.136	0.996	1.044	1.276	1.05
At1g54410	0.915	0.379	0.344	0.495	0.966	0.751	0.729	0.788
At1g54630	0.854	0.618	0.803	0.817	1.241	0.814	0.475	0.756
At1g55250	0.784	0.311	0.966	0.671	0.966	1.025	1.373	1.092
At1g55360	0.907	0.732	2.679	0.753	0.86	0.852	1.487	1.067
At1g55670	0.933	0.676	0.331	0.927	1.03	0.769	1.209	1.178
At1g55800	1.031	1.013	0.416	1.047	1.082	1.017	0.901	1.086
At1g55860	1.036	0.9285	2.151	0.99	1.306	1.118	1.383	1.112
At1g56220	1.066	1.037	1.684	0.843	1.075	1.71	2.809	1.575
At1g56280	0.694	0.931	1.163	1.426	0.889	1.2	2.018	1.473
At1g56340	1.273	0.512	0.404	0.716	1.349	0.717	0.351	0.57
At1g56700	0.944	1.131	0.195	0.956	1.152	1.468	1.647	1.382
At1g57870	1.063	1.955	2.275	1.247	0.969	1.297	1.596	1.375
At1g58030	1.085	1.796	3.417	1.556	0.952	1.304	1.812	1.18
At1g58290	1.038	1.294	0.422	1.191	0.819	0.7	0.634	0.749
At1g59580	0.731	0.634	0.283	0.741	1.214	0.901	0.727	0.829
At1g59650	0.889	1.121	2.064	1.196	1.099	1.142	1.363	1.284
At1g59870	0.665	0.267	0.534	1.266	1.099	1.209	1.597	1.824
At1g60200	0.989	1.0005	1.821	1.176	1.339	1.691	2.278	1.293
At1g60950	1.167	1.403	0.39	0.97	0.948	1.358	1.156	0.737
At1g61190	0.73	0.315	0.382	0.9495	1.094	0.876	1.133	0.934
At1g61520	1.265	0.6	0.558	0.537	0.857	0.598	0.231	0.68
At1g61740	0.896	1.686	1.93	2.359	1.329	2.229	2.191	1.64
At1g61780	1.305	1.947	2.488	1.308	0.981	1.076	1.154	0.791
At1g61820	0.978	1.147	0.303	0.994	1.027	1.339	1.071	0.984
At1g61900	1.037	1.857	2.908	1.474	1.536	1.43	1.52	0.539
At1g62060	1.113	2.926	3.614	1.687	0.987	1.394	2.202	1.26
At1g62430	1.12	1.138	0.446	0.551	1.087	0.915	0.435	0.778

At1g62480	0.836	2.226	6.574	0.856	0.667	1.241	1.493	1.386
At1g63090	1.047	1.267	2.017	0.886	0.738	0.987	1.735	1.216
At1g63220	1.055	0.734	0.36	0.728	0.94	0.877	0.615	0.782
At1g63800	0.966	0.912	2.122	1.036	1.059	1.359	1.308	1.112
At1g63830	0.922	2.885	3.028	1.408	0.733	0.815	0.438	0.989
At1g64040	0.951	1.07	0.488	1.037	1.146	0.862	0.469	0.736
At1g64100	0.708	1.027	1.987	0.744	1.103	1.866	2.288	1.452
At1g64230	0.832	1.817	2.319	1.869	1.071	1.212	1.782	1.41
At1g64330	0.883	0.875	0.835	0.776	0.745	0.484	0.198	0.606
At1g64370	0.845	0.324	0.381	0.632	1.053	0.679	1.023	0.649
At1g64680	1.023	0.913	0.48	1.057	1.06	0.823	0.946	0.933
At1g65280	1.163	1.32	1.007	0.971	1.138	1.175	2.412	1.438
At1g65310	0.879	1.157	1.01	0.784	0.772	0.429	0.206	0.545
At1g65430	1.039	0.686	0.751	0.731	0.973	0.824	0.467	0.758
At1g65930	1.12	2.248	1.795	1.487	1.221	0.879	0.743	1.169
At1g65970	0.948	1.057	2.418	0.902	0.884	1.575	5.116	1.793
At1g65980	0.905	0.552	0.404	0.918	1.15	0.946	0.31	0.79
At1g66200	1.149	1.692	1.12	1.166	1.038	0.456	0.309	0.623
At1g66260	0.944	0.805	0.498	0.995	1.009	0.91	0.79	0.856
At1g66270	0.925	1.075	0.985	0.573	0.88	0.855	0.422	0.808
At1g66390	0.915	0.97	0.88	0.696	0.929	1.084	0.35	0.573
At1g66400	0.969	2.406	5.203	2.086	1.096	1.436	3.145	1.799
At1g66410	0.846	0.412	0.379	0.718	0.994	0.653	0.574	0.732
At1g66670	0.997	1.277	2.531	1.276	0.916	1.083	1.207	1.435
At1g67230	1.075	1.079	0.472	1.089	0.728	1.041	1.419	1.158
At1g67250	0.897	2.32	4.263	1.67	0.99	1.103	1.762	1.397
At1g67280	0.997	0.9835	2.882	0.9795	0.981	1.663	1.483	1.318
At1g67350	1.001	1.282	0.184	1.052	0.813	0.994	1.329	0.937
At1g67690	1.167	1.935	3.586	1.341	0.956	1.243	1.269	1.17
At1g67710	0.976	0.957	1.617	0.797	1.074	2.379	0.982	1.521
At1g68010	1.183	2.003	1.159	1.567	1.014	0.612	0.438	0.724
At1g68560	1.5	0.49	2.015	0.866	1.13	0.835	0.38	0.772
At1g68590	0.75	0.451	0.185	0.745	1.174	1.069	0.769	0.933
At1g68720	1.022	1.463	2.025	1.044	0.896	0.894	1.138	0.973
At1g68830	1.299	2.825	0.806	1.872	1.657	1.135	1.183	0.88
At1g68920	0.94	1.853	2.887	1.401	0.935	1.519	2.953	1.477
At1g69460	0.847	1.189	0.46	0.927	0.798	0.879	0.824	0.956
At1g69890	0.772	0.898	1.891	1.08	0.81	1.97	3.732	1.743
At1g70000	0.934	1.572	2.117	1.168	1.189	1.359	1.527	1.162
At1g70090	1.065	1.068	0.494	1.098	0.906	1.141	1.219	1.084
At1g70190	1.099	1.28	3.276	0.808	1.368	2.421	4.036	2.033
At1g70290	0.936	1.271	3.775	0.586	1.241	2.75	5.902	2.249
At1g70420	0.959	1.163	1.717	1.058	1.164	1.541	2.212	1.409
At1g70820	1.366	0.874	0.462	0.976	0.804	0.982	1.314	1.161
At1g70890	0.921	0.72	0.463	0.968	0.869	0.799	0.927	1.62
At1g70980	1.088	1.593	5.85	2.26	2.501	1.7	1.337	0.29
At1g71220	1.022	1.06	0.272	1.015	0.931	0.898	0.553	0.847
At1g72150	0.94	0.9135	3.177	1.957	1.086	1.611	2.574	1.749
At1g72160	0.858	0.455	0.65	0.676	1.259	0.799	0.457	0.737
At1g72740	1.348	0.921	0.359	0.835	0.929	1.105	1.017	0.997
At1g72930	0.772	0.272	0.16	0.591	0.932	0.75	0.512	0.97

At1g73180	1.009	1.054	0.314	1.042	1.191	0.948	0.926	0.86
At1g74020	1.232	0.876	0.424	0.687	0.778	0.72	0.541	0.659
At1g74090	1.008	0.544	0.576	0.72	0.931	1.017	0.414	0.758
At1g74120	0.827	0.971	2.163	0.942	0.913	1.426	2.917	1.685
At1g74410	0.934	1.166	0.673	1.062	1.024	0.621	0.334	0.607
At1g74540	0.877	1.478	2.478	1.225	0.68	1.071	1.302	1.329
At1g74910	1.108	1.505	2.175	0.919	0.808	0.883	1.233	0.81
At1g75190	1.021	2.659	2.275	2.6	1.162	1.007	1.044	0.91
At1g75380	1.099	0.39	0.652	0.788	1.294	1.787	1.96	1.277
At1g75680	1.184	0.486	1.365	0.692	1.05	0.833	0.432	0.814
At1g75750	0.499	2.445	7.132	1.949	0.904	0.979	2.204	1.238
At1g75820	0.893	0.814	0.603	0.936	1.366	0.95	0.464	0.83
At1g76160	1.249	1.226	2.307	1.283	0.997	1.097	0.945	1.141
At1g76520	0.907	0.895	1.882	0.849	0.832	1.55	4.772	1.692
At1g76580	0.778	0.344	0.782	0.924	1.043	1.127	1.372	0.812
At1g76660	1.088	0.927	0.798	0.627	1.024	0.866	0.484	0.78
At1g76790	0.805	0.588	0.407	0.727	1.008	0.646	0.578	0.696
At1g76850	1.093	1.686	1.514	1.305	1.066	0.856	2.769	1.062
At1g76880	0.856	1.429	2.684	1.31	0.941	0.978	1.264	1.029
At1g76990	1.189	3.266	0.659	0.923	0.787	1.462	2.202	1.554
At1g77120	0.806	0.893	1.199	0.81	0.504	0.224	0.295	0.268
At1g77180	0.981	1.311	3.797	1.29	1.077	1.391	2.438	1.217
At1g77760	1.113	0.9765	0.708	1.0545	1.173	0.473	0.235	0.792
At1g77920	0.871	0.24	0.422	0.864	0.547	0.409	0.312	0.423
At1g77930	1.062	1.217	0.256	1.018	0.743	0.882	1.42	1.206
At1g77990	0.998	1.719	2.484	1.193	2.029	2.569	2.468	1.576
At1g78080	1.197	0.724	2.209	1.27	1.064	1.409	2.571	1.589
At1g78100	1.009	1.879	1.222	2.627	0.999	0.542	0.349	0.338
At1g78110	0.862	0.202	0.411	0.595	0.823	0.715	0.471	0.861
At1g78150	0.823	1.932	2.361	1.297	1.123	1.672	2.036	1.223
At1g78260	1.034	1.287	2.214	1.447	0.828	0.662	0.842	0.965
At1g78300	0.927	0.826	2.932	0.744	1.122	1.46	1.759	1.633
At1g78380	0.893	0.507	0.602	0.623	0.608	0.783	0.497	1.219
At1g78570	1.301	0.845	0.851	0.63	0.754	0.388	0.347	0.499
At1g78600	0.922	0.481	1.234	1.236	0.859	0.785	0.967	0.941
At1g78620	0.959	0.844	1.105	0.897	0.735	1.517	2.246	1.726
At1g78660	0.977	1.114	0.366	0.9025	0.971	0.555	0.864	0.714
At1g78680	0.955	0.467	0.641	0.606	0.826	0.834	0.881	0.866
At1g78730	1.09	1.964	3.515	1.259	1.297	2.393	3.663	2.012
At1g78830	1.018	0.68	0.485	1.02	1.61	1.399	2.589	1.082
At1g79530	1.152	2.425	5.335	0.936	1.165	0.845	0.744	0.945
At1g79660	0.865	0.424	0.711	0.985	1.115	0.775	0.957	0.833
At1g79750	1.236	1.645	2.779	1.417	1.368	1.56	3.193	2.012
At1g80040	0.989	1.276	4.327	1.356	0.929	1.12	2.125	1.574
At1g80110	1.727	1.286	2.51	1.652	0.96	1.311	1.356	1.044
At1g80180	0.919	1.851	3.899	2.02	1.473	2.912	7.616	1.733
At1g80190	1.13	0.962	0.948	0.569	0.789	0.734	0.471	0.954
At1g80380	1.356	1.255	0.62	1.339	1.538	4.523	4.87	2.879
At1g80420	1.414	0.689	0.375	0.807	1.119	0.989	0.943	0.999
At1g80460	0.955	1.295	2.917	1.176	1.062	1.139	1.866	1.18
At1g80500	0.864	0.678	0.448	0.823	0.917	0.695	0.454	0.821

At1g80680	1.372	0.261	0.714	0.727	1.353	1.141	1.28	0.913
At1g80810	0.952	1.058	0.408	1.0135	1.011	1.04	0.551	0.836
At1g80920	1.241	1.346	0.376	0.713	1.297	2.75	2.749	1.473
At2g01060	1.158	1.309	2.151	1.182	0.92	1.205	1.457	0.935
At2g01530	0.671	0.865	0.16	0.884	0.809	1.187	1.473	1.622
At2g01570	1.105	1.294	2.071	1.374	0.832	1.068	1.073	1.195
At2g01650	1.054	1.002	0.222	0.986	1.06	1.522	2.558	1.445
At2g01690	0.742	0.361	0.572	0.773	0.996	0.927	0.828	0.89
At2g01750	0.904	1.428	2.61	1.312	0.955	1.312	1.551	1.085
At2g01850	0.96	2.144	2.018	1.372	0.988	1.251	1.15	1.237
At2g02050	1.244	2.038	1.784	1.227	0.937	1.052	0.806	1.242
At2g02100	0.62	0.521	0.428	0.811	1.099	0.746	0.657	0.786
At2g02120	0.677	0.435	0.563	0.766	1.021	0.707	0.499	0.704
At2g02160	0.923	1.177	2.073	1.32	1.096	1.355	1.933	1.147
At2g02220	0.988	1.621	1.561	0.879	1.123	1.49	2.422	1.399
At2g03400	1.027	1.078	0.344	0.927	0.976	0.902	0.667	0.843
At2g03440	0.814	0.355	0.356	0.727	1.18	0.907	0.626	0.742
At2g03510	1.088	1.017	0.459	0.94	0.896	0.955	0.618	0.863
At2g03690	0.903	1.49	2.163	1.272	1.072	1.368	1.9	1.323
At2g03830	0.779	2.155	2.057	1.565	1.204	1.824	3.964	2.199
At2g03890	0.868	3.057	3.038	1.615	0.831	1.449	2.718	1.449
At2g04110	0.963	1.189	1.804	2.205	0.857	1.135	1.904	1.411
At2g04700	0.955	0.503	0.427	0.911	0.799	0.983	0.921	0.878
At2g04780	0.956	1.055	1.059	0.965	1.274	0.823	0.458	0.748
At2g05170	0.97	1.829	4.933	1.784	0.937	1.33	1.98	1.23
At2g05380	0.851	1.557	2.471	0.667	1.244	0.599	1.28	1.038
At2g05920	1.013	0.705	0.365	0.765	1.194	0.814	0.645	0.957
At2g06850	0.784	0.763	1.829	0.783	1.174	1.206	0.353	0.971
At2g07420	0.946	2.189	5.417	1.928	0.995	1.534	2.577	1.814
At2g11900	1.02	1.171	0.162	0.925	0.854	0.771	0.324	0.971
At2g12400	0.973	0.996	0.776	0.765	0.992	0.641	0.399	0.725
At2g13360	1.399	2.46	4.855	1.445	0.846	2.925	7.532	2.684
At2g13430	0.72	1.571	2.755	1.517	0.825	1.487	5.229	1.732
At2g13540	0.901	0.397	0.66	0.83	0.87	0.578	0.686	0.579
At2g13660	0.931	1.127	0.359	0.99	0.992	0.955	1.613	1.005
At2g14170	0.991	0.884	2.289	0.78	1	0.862	0.958	0.862
At2g14260	1.108	0.744	3.017	1.314	1.174	1.182	1.528	1.193
At2g15060	0.69	0.512	0.796	0.84	0.827	1.151	2.081	1.546
At2g15240	0.726	2.191	1.828	0.898	1.027	1.412	2.537	1.298
At2g15580	0.959	1.488	1.79	1.457	1.128	1.275	0.482	1.262
At2g15620	1.184	0.472	0.595	0.718	1.298	0.472	0.236	0.662
At2g15820	1.313	0.884	0.701	0.623	1.279	0.716	0.285	0.764
At2g15890	0.764	0.411	0.543	1.165	1.688	1.921	4.781	1.624
At2g15970	0.831	0.185	0.318	0.907	0.549	0.217	0.202	0.337
At2g16280	0.715	0.617	0.314	1.482	1.101	0.936	0.588	0.783
At2g16600	0.727	0.324	0.372	0.677	1.114	0.864	0.907	0.859
At2g16670	1.042	1.708	2.248	1.953	0.806	0.447	0.557	0.974
At2g16700	1.002	1.51	2.933	1.175	1.078	1.052	0.921	0.86
At2g16740	1.119	0.78	0.401	0.862	0.91	0.721	0.898	0.873
At2g17190	1.176	1.056	2.294	1.026	1.036	0.993	1.079	1.022
At2g17990	1.062	1.411	1.187	1.086	0.682	0.543	0.492	0.575

At2g18040	0.661	0.471	0.463	0.719	0.984	0.696	0.574	0.832
At2g18160	0.792	1.645	2.933	1.44	0.77	0.93	1.031	1.225
At2g18170	1.201	0.651	0.425	0.973	0.894	0.773	0.758	0.929
At2g18230	1	0.831	1.089	0.749	1.162	0.551	0.401	0.602
At2g18240	0.758	0.107	0.789	1.098	1.531	1.704	2.263	0.661
At2g18440	1.193	0.759	1.216	1.277	1.291	1.765	2.839	1.66
At2g18630	1.038	1.246	0.394	1.085	0.951	1.011	1.675	1.053
At2g18670	1.033	1.217	2.137	1.158	0.996	1.111	1.613	1.542
At2g18840	0.902	0.968	0.449	1.141	1.126	0.984	1.06	0.983
At2g18980	1.078	0.65	0.246	0.79	1.001	0.859	0.538	0.794
At2g19520	0.929	1.267	1.176	0.455	0.723	0.892	0.781	0.67
At2g19600	1.078	0.996	0.817	1.017	0.989	1.448	2.118	1.346
At2g19790	1.193	0.826	0.627	0.613	1.121	0.901	0.432	0.889
At2g19800	0.918	1.137	2.755	0.92	0.908	1.806	1.38	2.1
At2g20220	1.138	2.724	1.151	1.68	0.943	0.89	1.083	1.033
At2g20400	1.142	0.827	1.195	0.735	1.394	0.901	0.479	0.787
At2g20420	0.887	0.44	0.431	0.646	1.152	0.809	0.699	0.756
At2g20530	0.998	1.27	2.089	1.095	1.712	1.417	1.486	0.484
At2g20860	1.005	0.679	0.697	0.791	1.045	0.817	0.454	0.86
At2g20890	1.171	0.876	0.33	1.035	0.796	0.972	1.24	1.298
At2g21140	0.904	1.288	1.699	1.12	1.141	1.441	2.326	1.371
At2g21660	0.653	0.108	0.375	0.803	1.849	0.707	0.932	0.588
At2g21790	1.007	0.891	0.439	0.889	1.004	0.842	0.629	0.858
At2g22170	0.94	0.686	1.065	0.794	0.927	0.534	0.324	0.729
At2g22430	0.825	0.478	1.11	0.661	0.816	0.739	0.839	1.026
At2g22510	0.938	1.096	0.439	0.954	1.151	0.755	0.465	0.802
At2g22660	1.092	1.039	2.486	1.071	1.105	1.074	1.196	0.967
At2g23030	1.082	1.281	2.322	1.352	1.226	1.221	1.637	1.258
At2g23070	1.069	1.746	2.53	1.319	0.797	1.37	1.472	1.329
At2g23120	0.786	0.746	0.631	1.388	0.573	0.507	0.28	1.487
At2g23200	0.902	1.149	0.278	1.044	0.926	1.057	1.2	0.963
At2g24060	1.058	0.803	0.862	1.184	1	1.23	2.003	1.173
At2g24490	0.979	2.352	2.245	2.432	0.868	0.739	0.575	0.755
At2g24580	0.83	0.941	0.792	1.023	1.171	0.828	0.476	0.846
At2g24760	0.94	1.627	2.376	1.486	1.015	1.235	1.059	1.424
At2g25150	1.236	0.212	0.442	0.414	0.999	0.959	0.891	1.028
At2g25490	1.215	1.473	2.3	1.465	1.441	1.246	1.405	1.153
At2g25610	1.07	2.399	3.032	1.103	1.075	1.598	3.318	1.43
At2g25810	1.083	0.577	3.372	0.87	0.951	1.166	1.778	1.251
At2g25900	1.055	1.344	1.936	0.621	1.307	2.633	4.298	1.89
At2g25910	1.211	0.657	0.684	0.741	0.858	0.744	0.482	0.793
At2g26190	0.915	0.878	1.173	1.05	0.952	1.518	2.024	1.546
At2g26640	0.875	1.959	4.69	1.82	1.126	1.414	2.589	1.929
At2g26680	0.812	0.485	0.54	0.842	0.889	0.9	0.529	0.812
At2g26690	1.189	1.752	2.734	0.838	0.931	0.854	0.904	1.04
At2g26740	0.895	1.414	2.936	0.943	1.301	0.818	1.455	0.85
At2g26910	1.031	0.9625	0.683	1.089	0.909	0.738	0.385	0.749
At2g26990	1.141	1.649	2.506	0.834	1.659	1.77	1.7	0.695
At2g27030	0.817	0.872	0.314	0.906	0.86	0.676	0.517	0.84
At2g27210	0.906	0.818	2.281	1.134	0.799	1.135	1.051	1.261
At2g27530	1.209	0.593	0.466	0.539	1.08	0.953	0.712	0.979

At2g27710	0.942	0.976	0.49	0.789	1.179	0.911	0.696	0.853
At2g28060	0.908	1.276	1.24	1.129	1.272	1.691	2.044	1.283
At2g28190	1.37	1.064	0.647	1.028	1.023	0.9	0.385	0.861
At2g28230	1.02	1.073	1.301	1.235	1.152	1.437	2.254	1.407
At2g28490	0.897	0.473	0.649	0.823	1.031	0.833	0.849	0.85
At2g28600	1.01	0.921	0.372	1.033	1.049	0.857	1.036	0.962
At2g28740	1.056	0.896	0.249	1.017	0.889	0.932	0.744	1.192
At2g28760	1.116	0.651	0.47	0.911	0.741	0.476	0.456	0.709
At2g28840	0.983	0.495	1.028	0.922	1.27	0.866	0.98	0.904
At2g28910	1.279	1.546	2.218	1.311	0.805	1.613	2.622	1.483
At2g29070	1.02	0.756	0.759	0.689	0.823	0.661	0.462	0.788
At2g29730	1.073	1.32	0.404	1.174	0.989	0.712	0.789	0.91
At2g29740	0.952	1.322	0.347	1.029	1.025	0.94	1.058	1.023
At2g30110	1.28	0.687	2.094	1.042	1.312	0.878	1.153	0.844
At2g30520	1.594	3.671	5.027	0.828	0.488	0.967	0.567	1.065
At2g30860	1.035	0.205	0.208	0.525	0.884	0.695	0.42	0.843
At2g30930	0.478	0.857	2.447	1.311	0.989	0.94	0.961	1.263
At2g31150	0.899	1.051	1.705	0.773	1.28	1.723	3.471	1.498
At2g31170	1.029	0.562	0.395	0.802	0.913	0.838	0.742	0.98
At2g31360	0.84	0.123	0.32	0.546	1.13	0.406	0.186	0.413
At2g31390	1.112	0.863	0.622	0.91	0.867	0.472	0.241	0.35
At2g31410	1.164	2.617	1.619	0.973	0.879	1.501	1.846	1.283
At2g31810	0.996	2.173	3.213	2.337	0.974	1.495	2.387	1.388
At2g32150	1.294	2	4.653	0.886	0.874	2.605	2.848	1.886
At2g32260	1.099	0.9265	2.053	1.094	0.82	1.041	1.212	1.042
At2g32480	1.122	1.094	0.145	0.937	1.101	1.093	0.771	0.873
At2g33150	1.158	1.017	3.241	0.822	1.119	1.133	1.799	1.228
At2g33340	1.275	1.216	2.372	1.377	1.072	1.213	1.283	1.242
At2g33470	0.884	0.958	0.421	0.896	0.87	0.633	0.652	0.803
At2g33600	1.059	2.152	2.593	1.4	0.726	0.894	0.887	0.836
At2g33810	0.713	1.607	2.366	1.159	0.834	2.583	1.322	1.693
At2g33830	0.705	0.69	1.423	1.7515	1.479	1.786	4.271	1.895
At2g34250	1.156	0.805	0.398	0.685	1.156	0.814	0.572	0.854
At2g34500	0.987	0.944	0.641	0.663	1.236	0.811	0.435	0.746
At2g34590	1.244	2.159	4.432	1.293	1.211	1.177	1.595	1.221
At2g35040	1.186	0.27	0.852	0.751	1.155	0.959	1.387	1.122
At2g35110	0.917	0.745	0.436	0.838	0.908	0.996	0.596	1.052
At2g35470	0.982	1.521	3.595	1.449	0.898	1.274	1.544	1.303
At2g35650	1.064	1.233	1.223	0.849	1.114	0.927	0.446	0.889
At2g35760	1.089	0.944	0.451	0.888	0.907	0.899	0.761	0.964
At2g35860	1.03	0.975	2.338	0.96	0.98	1.217	3.087	1.293
At2g35940	0.857	1.331	2.26	1.49	0.772	1.269	1.628	1.185
At2g35980	0.804	1.661	0.276	0.542	1.14	0.638	0.314	0.733
At2g36120	1.065	1.157	2.582	0.803	0.958	1.031	0.797	0.906
At2g36410	1.2	1.509	2.094	1.278	1.117	1.047	1.506	1.34
At2g36460	1.094	1.606	2.243	0.836	0.799	0.626	0.692	0.806
At2g36620	1.05	0.749	0.591	0.647	0.979	0.838	0.425	0.737
At2g36680	0.895	0.9355	0.252	1.037	1.418	1.005	0.819	0.881
At2g36820	0.998	0.399	0.382	0.726	0.852	0.786	0.594	0.897
At2g36910	0.874	0.711	1.691	0.745	1.334	0.566	0.234	0.653
At2g37090	0.991	1.186	0.16	0.829	1.026	0.954	0.955	0.696

At2g37170	1.24	2.499	2.579	1.053	0.979	1.012	1.007	1.155
At2g37180	1.068	3.203	2.917	0.977	1.002	1.17	1.003	1.279
At2g37250	0.807	0.93	0.403	0.754	0.891	0.634	0.257	0.65
At2g37340	0.921	1.871	2.518	1.376	1.249	1.522	2.062	1.225
At2g37520	0.701	2.364	12.88	1.349	0.755	2.148	4.028	2.014
At2g37970	0.96	1.361	2.056	1.513	0.968	1.424	1.839	1.361
At2g38040	1.225	0.802	2.025	1.337	1.373	1.444	1.314	1.165
At2g38700	1.014	1.055	0.311	0.997	1.274	1.269	0.828	1.363
At2g38800	0.941	1.187	1.533	1.141	0.903	1.344	2.155	1.259
At2g38960	1.134	1.41	3.031	1.334	0.874	0.982	1.575	1.082
At2g39000	0.724	0.399	0.484	0.757	1.024	0.959	0.988	0.876
At2g39010	0.97	1.056	2.03	0.9235	0.717	0.876	0.873	1.193
At2g39110	0.602	0.491	0.674	0.821	1.276	0.777	0.244	0.845
At2g39460	0.901	1.103	0.331	0.683	1.14	0.718	0.319	0.731
At2g39470	0.973	0.833	0.359	1.085	1.095	0.912	0.92	0.932
At2g39710	1.37	0.485	0.937	1.073	0.968	0.931	0.652	0.893
At2g39720	1.061	1.069	0.229	0.979	0.829	0.969	1.171	1.31
At2g39800	1.35	1.633	0.441	1.727	1.268	1.178	0.842	1.087
At2g39970	1.054	2.403	4.28	1.182	1.049	1.463	1.821	1.631
At2g39980	0.878	1.919	1.538	1.145	0.876	0.883	0.484	0.778
At2g40000	1.289	2.63	2.042	1.208	1.05	2.772	3.94	1.963
At2g40080	0.731	1.0035	0.483	1.0395	1.36	0.515	0.687	0.659
At2g40170	0.853	1.124	0.443	1.003	0.955	0.967	0.788	1.176
At2g40610	0.97	1.104	1.405	1.044	0.881	1.454	2.511	1.664
At2g40980	1.033	1.128	0.414	1.027	1.082	0.897	1.319	0.965
At2g41060	0.682	0.774	0.404	0.696	1.026	0.604	0.458	0.898
At2g41160	1.006	1.098	0.434	0.949	0.683	0.911	0.966	0.97
At2g41410	0.838	0.609	0.6	1.211	0.86	1.453	1.946	2.063
At2g41460	0.981	2.264	2.11	1.36	0.956	0.813	0.472	0.86
At2g41540	0.939	1.374	3.097	1.414	0.982	1.276	1.02	1.455
At2g41560	1.102	0.972	0.471	1.164	0.983	0.9	1.057	1.224
At2g41640	0.97	1.268	0.339	2.125	0.733	1.23	1.307	1.504
At2g41680	1.087	0.807	0.441	0.943	0.932	1.116	1.092	0.961
At2g41870	0.987	0.416	0.625	0.716	1.072	0.601	0.497	0.612
At2g42150	1.103	1.338	0.41	1.088	1.02	0.867	0.966	0.892
At2g42520	1.549	0.09	0.341	0.454	0.998	0.972	0.916	1.019
At2g42620	0.961	2.351	3.943	1.66	0.878	1.521	2.427	1.2
At2g43020	1.344	0.461	0.693	0.572	1.068	1.076	1.448	1.043
At2g43100	0.901	0.802	0.336	0.513	0.856	0.923	0.211	0.716
At2g43240	1.052	1.101	0.273	1.032	0.876	1.004	1.054	1.011
At2g43330	1.131	2.269	2.49	1.415	1.201	0.961	1.108	0.833
At2g43400	0.967	1.508	3.41	1.332	0.793	1.3	1.323	1.229
At2g43510	1.1	1.537	2.207	1.103	0.95	1.24	1.143	1.079
At2g43610	0.907	1.0365	0.478	1.0035	0.798	1.189	1.034	1.298
At2g43680	1.066	1.104	2.692	1.27	0.968	1.454	1.903	1.297
At2g44060	1.04	0.522	0.492	0.667	1.159	0.794	0.5	0.776
At2g44420	0.777	0.301	0.433	0.9605	1.045	0.834	0.754	0.834
At2g44790	0.826	1.527	2.517	0.708	0.765	1.21	1.578	1.223
At2g45010	1.322	0.604	0.366	0.797	1.095	0.885	1.346	0.861
At2g45170	1.064	2.062	1.238	0.995	1.435	1.228	1.337	1.147
At2g45380	1.452	1.066	1.091	0.607	0.931	0.703	0.377	0.77

At2g45470	0.838	1.841	2.224	1.809	1.211	1.136	2.202	1.053
At2g45670	0.928	1.463	2.072	1.436	1.196	1.476	1.68	1.289
At2g45790	0.999	1.154	0.307	1.06	0.992	0.978	1.124	0.968
At2g45800	0.857	1.361	2.245	1.63	0.865	0.908	1.365	1.008
At2g45820	1.081	1.232	2.405	1.473	0.738	1.165	1.451	1.345
At2g45920	1.239	0.567	3.813	0.874	0.813	1.231	2.279	1.401
At2g45950	0.929	1.257	1.009	0.974	0.961	0.873	0.423	1.023
At2g45960	1.225	3.061	2.178	1.145	0.859	1.234	1.377	1.541
At2g45990	1.485	1.515	5.003	0.732	0.916	0.833	0.564	1.057
At2g46030	1.015	1.356	0.142	0.948	0.974	0.889	0.549	0.974
At2g46100	1.042	0.861	0.438	1.061	0.977	1.064	1.023	0.874
At2g46220	1.118	1.67	2.365	1.526	0.871	1.799	2.146	1.419
At2g46500	1.172	0.458	0.587	0.606	0.946	0.704	0.326	0.737
At2g46650	0.693	0.371	0.271	0.476	0.859	0.765	0.406	0.759
At2g46770	0.979	1.374	0.464	1.149	0.959	0.888	0.767	0.748
At2g46820	1.302	0.704	0.355	0.86	0.881	1.433	1.661	1.868
At2g46830	1.29	6.52	3.486	1.953	0.518	3.23	0.881	1.962
At2g46910	1.063	0.949	0.327	1.04	1.331	1.088	1.077	1.004
At2g47080	0.944	1.323	2.744	1.149	1.038	1.258	1.709	1.192
At2g47180	1.608	1.0035	2.72	1.225	0.541	0.672	0.459	0.739
At2g47400	1.002	1.254	0.778	1.441	1.057	1.232	3.531	1.299
At2g47440	0.908	1.174	3.066	1.085	0.936	0.929	1.141	1.308
At2g47470	1.036	1.471	0.897	0.914	1.066	0.67	0.457	0.737
At2g47730	0.94	1.351	1.144	0.99	0.857	0.664	0.291	0.875
At2g47940	1.224	0.657	0.443	1.017	1.361	1.36	1.529	1.313
At2g48160	1.227	0.762	0.32	0.878	0.81	0.756	0.755	0.946
AT3g01120	1.203	0.613	0.385	0.638	2.179	1.935	0.617	0.628
AT3g01150	0.875	0.405	0.407	0.776	1.064	0.948	0.82	0.967
AT3g01210	0.904	2.685	1.964	1.031	0.818	1.034	1.639	1.047
AT3g01260	0.885	1.095	1.123	1.167	1.111	0.738	0.393	0.514
AT3g01280	1.301	1.301	3.139	0.672	1.154	0.791	1.267	0.807
AT3g01390	0.865	0.771	0.475	1.068	1.05	0.747	0.781	0.958
AT3g01420	0.735	3.377	5.453	2.379	0.79	1.045	1.571	0.397
AT3g01470	0.863	1.115	4.038	1.251	1.208	0.787	0.639	1.126
AT3g01500	1.258	1.546	0.284	1.515	0.759	1.13	0.796	1.302
AT3g01590	1.067	1.684	2.434	1.474	0.879	1.235	1.062	1.182
AT3g01690	0.886	1.128	2.122	1.19	1.523	1.677	2.131	1.196
AT3g01790	1.197	1.564	3.11	1.152	1.152	1.299	1.049	0.8
AT3g02070	1.124	0.46	0.567	1.213	1.131	1.595	2.334	1.321
AT3g02080	0.893	0.95	4.898	1.054	1.009	1.109	1.002	1.25
AT3g02090	1.248	0.778	2.145	0.769	1.479	0.76	0.423	0.665
AT3g02470	1.121	3.032	2.687	1.486	0.88	1.493	1.732	1.563
AT3g02520	0.725	0.698	0.38	0.642	1.15	0.827	0.992	0.858
AT3g02540	1.004	1.064	2.803	1.352	1.063	1.613	1.764	1.202
AT3g02700	0.854	1.635	4.045	1.571	1.112	1.484	2.192	1.386
AT3g02720	1.129	0.827	0.384	0.858	0.943	0.944	0.658	0.91
AT3g02730	1.107	0.815	0.794	0.566	1.284	0.62	0.329	0.658
AT3g02760	1.202	1.023	0.328	0.88	1.098	0.967	0.993	0.968
AT3g02910	0.901	0.892	0.794	1.371	0.539	0.361	0.233	0.788
AT3g03010	0.965	1.833	4.337	1.862	1.149	1.27	2.188	1.468
AT3g03120	1.136	5.538	7.201	2.668	0.759	1.513	2.192	0.994

AT3g03780	1.517	1.0225	1.611	0.614	1.323	0.679	0.418	0.761
AT3g03870	0.85	2.147	2.972	1.1265	1.116	2.444	2.446	1.762
AT3g03920	1.088	1.0255	0.458	0.668	1.181	1.198	0.569	1.041
AT3g04080	1.119	0.778	0.334	0.898	1.074	1.04	1.182	0.799
AT3g04120	1.378	0.317	0.512	0.488	0.925	1.198	0.412	0.749
AT3g04240	1.192	1.874	2.347	0.907	1.333	1.123	1.452	0.904
AT3g04500	0.999	1.756	2.042	1.445	0.916	1.226	1.512	1.094
AT3g04720	0.985	1.2175	0.937	0.453	0.899	0.882	0.607	0.696
AT3g04730	1.02	0.332	0.426	1.121	0.822	0.886	0.478	1.232
AT3g04870	0.999	0.663	0.668	0.729	0.865	0.647	0.382	0.672
AT3g04930	0.893	2.261	2.685	1.032	0.954	1.72	1.546	1.415
AT3g05270	0.928	0.939	0.402	0.902	1.007	0.848	0.831	0.868
AT3g05500	0.876	0.961	1.133	1.094	1.067	0.602	0.419	0.695
AT3g05900	0.821	1.183	2.068	1.09	1.097	1.417	1.199	1.369
AT3g06310	1.093	1.17	0.479	1.035	1.374	1.419	2.094	1.314
AT3g06470	1.071	1.741	0.267	1.037	1.36	1.002	0.727	0.903
AT3g06850	0.998	1.277	2.337	1.292	0.864	2.23	5.249	2.068
AT3g06860	1.142	0.984	2.207	1.0115	1.353	1.191	1.338	0.69
AT3g07010	0.863	1.298	1.036	1.118	1.138	0.893	0.323	0.936
AT3g07020	1.073	1.458	3.409	1.483	1.049	1.013	1.169	0.996
AT3g07140	1.007	0.9945	0.578	1.086	1.002	0.488	0.342	0.555
AT3g07180	1.31	2.342	2.899	1.356	0.802	2.368	3.448	1.613
AT3g07310	1.505	1.095	2.539	1.0905	1.391	2.259	2.871	1.33
AT3g07460	0.737	0.474	1.177	1.059	0.875	0.815	0.844	1.12
AT3g07560	1.173	1.716	3.368	1.319	1.127	1.528	1.69	1.06
AT3g07630	0.879	0.821	0.34	0.911	1.043	0.97	0.638	0.889
AT3g07650	0.577	0.9385	0.302	1.4825	1.684	1.259	1.054	0.903
AT3g07740	0.964	1.257	0.297	1.017	1.096	1.071	1.214	1.027
AT3g07780	1.071	1.608	3.587	1.185	0.747	1.25	2.471	1.325
AT3g08580	1.156	0.97	0.689	0.5935	1.214	0.779	0.353	0.781
AT3g08640	0.784	0.642	0.831	0.705	1.415	1.062	0.451	0.945
AT3g08690	1.01	1.004	0.408	1.009	0.839	0.935	0.806	0.931
AT3g08840	0.917	1.071	0.501	1.047	0.976	0.538	0.457	0.561
AT3g09200	1.22	1.232	0.554	0.653	1.506	1.076	0.472	0.845
AT3g09210	0.773	0.638	0.696	0.431	1.096	0.854	0.92	1.008
AT3g09260	0.992	1.15	1.023	0.866	0.866	0.496	0.226	0.685
AT3g09440	1.338	1.237	1.545	1.126	0.562	0.382	0.372	0.645
AT3g09820	1.031	1.337	0.222	0.924	1.323	1.749	1.519	1.275
AT3g09830	0.85	1.648	3.21	1.473	1.299	1.456	1.836	1.203
AT3g09940	0.857	1.096	0.533	1.079	0.662	0.731	0.37	1.254
AT3g10020	1.085	0.917	1.46	1.012	1.029	1.696	2.739	1.275
AT3g10050	0.97	0.758	0.587	0.654	1.103	0.781	0.356	0.769
AT3g10520	0.672	0.599	0.272	0.976	1.262	1.102	0.862	0.536
AT3g10770	1.175	3.079	5.986	1.259	0.922	1.633	1.5	1.466
AT3g10980	0.815	0.976	4.24	0.9955	0.794	1.678	4.209	2.21
AT3g11120	0.727	0.631	0.424	0.65	0.864	0.82	0.738	0.868
AT3g11440	1.011	0.883	0.613	0.809	1.275	0.904	0.492	0.907
AT3g11560	1.133	0.823	2.35	1.597	1.056	1.471	2.049	1.36
AT3g11590	1.002	0.648	0.583	1.126	1.435	1.301	2.263	1.096
AT3g11710	0.939	0.579	0.455	0.66	0.836	0.741	0.665	0.862
AT3g11830	0.981	1.555	2.611	1.321	1.363	1.62	2.005	1.242

AT3g11910	1.193	0.39	0.646	0.763	1.009	0.789	0.562	0.843
AT3g11930	0.979	1.541	2.011	1.242	0.891	0.985	3.11	0.963
AT3g12050	0.902	2.636	4.516	1.996	1.095	2.175	3.676	2.278
AT3g12120	0.908	0.82	0.455	1.056	1.459	1.257	0.686	0.972
AT3g12180	1.076	1.405	0.384	1.104	0.988	1.052	1.119	1.11
AT3g12260	0.879	0.254	0.689	0.731	0.939	0.79	0.637	0.892
AT3g12360	1.098	1.11	0.409	0.925	1.037	1.01	1.198	1.284
AT3g12400	1.002	1.333	2.931	1.301	1.101	1.338	1.547	1.395
AT3g12580	0.92	1.156	0.859	0.624	0.386	0.685	1.263	0.958
AT3g12600	0.961	1.101	0.312	0.981	1.134	1.235	1.106	1.174
AT3g12780	1.258	0.6	0.37	0.866	0.955	1.07	0.573	0.667
AT3g12940	0.658	0.354	0.407	0.738	0.966	0.595	0.423	0.922
AT3g13120	1.246	0.58	0.358	0.93	1.147	1.436	0.607	1.444
AT3g13360	1.116	1.133	0.405	1.018	0.943	1.109	0.867	1.097
AT3g13445	1.136	2.343	3.749	1.1725	0.799	1.327	1.355	1.44
AT3g13450	0.996	2.704	7.55	1.587	1.006	2.437	3.175	1.6
AT3g13460	1.143	1.567	2.483	1.672	1.439	1.306	1.502	1.167
AT3g13520	0.602	1.038	1.279	1.076	0.874	0.631	0.432	0.876
AT3g13570	1.079	0.974	0.278	1.153	0.879	1.021	1.157	1.036
AT3g13610	0.93	0.882	1.235	0.899	0.54	0.603	0.49	0.718
AT3g13670	0.972	0.434	0.862	0.599	0.966	0.975	1.002	1.027
AT3g13750	1.228	2.524	2.786	2.52	1.047	2.082	2.628	1.911
AT3g14050	0.815	2.782	2.501	1.241	1.486	1.643	1.86	1.346
AT3g14210	1.161	0.69	0.569	0.678	1.36	1.037	0.437	0.429
AT3g14310	1.044	0.338	0.672	0.764	1.24	0.989	0.312	0.882
AT3g14350	1.068	1.166	0.261	1.036	1.084	0.808	0.456	0.822
AT3g14420	1.147	2.584	1.191	1.536	0.825	1.414	1.819	1.322
AT3g14610	1.073	0.994	0.43	1.062	1.105	1.366	1.608	1.062
AT3g14660	1.361	1.173	1.792	1.506	1.044	1.06	2.052	1.361
AT3g14940	0.858	0.945	0.439	0.995	1.077	0.268	0.168	0.371
AT3g14990	0.911	1.981	6.063	1.506	0.585	1.224	2.83	1.738
AT3g15450	1.179	4.281	6.955	1.08	1.056	4.271	7.393	3.546
AT3g15630	0.741	1.111	1.895	1.176	1.074	1.921	2.562	1.53
AT3g16180	1.084	0.814	1.351	1.003	0.976	0.733	0.432	0.768
AT3g16200	0.995	1.1575	2.193	1.427	1.155	1.323	1.158	0.818
AT3g16240	0.916	2.809	3.141	1.401	0.772	0.805	0.416	0.874
AT3g16390	1.107	2.011	2.125	1.307	1.182	1.143	1.303	1.023
AT3g16410	0.834	0.792	0.656	0.78	0.924	0.736	0.479	1.022
AT3g16770	1.094	2.155	4.243	1.931	1.247	1.418	1.629	0.95
AT3g16857	1.025	0.927	2.322	1.146	1.052	1.487	1.872	1.406
AT3g16860	1.091	0.639	3.528	0.807	1.079	1.199	1.955	1.27
AT3g17090	1.147	1.41	2.624	1.189	1.064	1.074	0.974	0.9
AT3g17210	0.854	1.149	0.492	1.124	0.963	1.027	1.26	1.113
AT3g17250	1.128	2.492	0.879	0.92	0.853	1.047	1.205	0.997
AT3g17450	1.167	0.579	3.816	0.842	0.985	1.284	2.427	1.513
AT3g17710	1.51	2.531	0.419	1.082	0.786	0.927	0.782	1.129
AT3g17800	1.143	1.226	1.751	2.068	0.816	0.974	0.808	1.027
AT3g17820	1.146	1.487	0.689	0.821	0.808	0.588	0.387	0.594
AT3g17830	1.205	2.479	4.57	2.479	1.632	1.384	1.825	0.658
AT3g17980	0.929	2.229	2.673	1.323	0.941	1.267	1.872	1.491
AT3g18130	1.05	0.955	0.817	0.694	1.084	0.78	0.498	0.753

AT3g18230	1.267	3.514	2.319	1.309	1.196	1.21	1.153	1.271
AT3g18940	0.91	1.307	2.172	1.436	0.706	1.006	1.564	1.296
AT3g19010	0.922	0.865	0.265	0.939	0.627	0.971	1.166	1.318
AT3g19340	1.388	0.909	0.137	0.948	0.898	0.941	0.82	0.889
AT3g19420	1.051	1.168	0.21	0.96	1.149	1.072	0.444	0.537
AT3g19640	1.038	1.19	2.186	1.39	0.969	1.065	1.431	1.161
AT3g19710	0.861	0.19	0.154	0.548	0.772	1.18	0.318	0.693
AT3g19760	1.025	2.753	1.006	0.948	1.187	1.305	3.228	1.317
AT3g19850	0.789	0.706	0.982	0.655	0.81	0.873	0.386	0.583
AT3g20370	1.034	0.932	1.11	1.071	0.761	0.589	0.327	0.604
AT3g20410	0.836	2.338	5.033	1.956	1.148	1.589	2.654	1.735
AT3g20720	0.803	0.438	1.006	0.923	0.934	1.07	0.98	0.843
AT3g20770	1.091	1.0925	3.082	1.284	1.319	1.43	1.755	1.034
AT3g21140	0.976	0.858	0.459	0.959	0.912	0.934	0.845	0.921
AT3g21430	0.975	1.308	0.448	1.047	0.715	0.927	1.076	1.197
AT3g21510	0.906	1.121	0.983	0.873	0.594	0.33	0.277	0.489
AT3g21550	0.725	1.149	1.073	1.054	0.879	0.84	0.388	1.317
AT3g21750	1.033	1.38	2.859	1.092	1.103	0.996	1.382	1.243
AT3g21770	0.961	1.0185	0.66	0.9765	0.768	0.789	0.495	0.989
AT3g22230	0.741	0.747	0.396	0.73	1.072	0.814	0.45	0.835
AT3g22240	0.55	0.266	0.139	0.403	0.62	1.162	1.339	0.97
AT3g22280	0.739	0.499	0.957	0.711	1.17	1.018	1.508	0.999
AT3g22390	1.074	0.9295	2.694	1.214	1.246	1.294	1.514	1.101
AT3g22440	1.163	1.845	3.771	1.468	0.802	1.47	2.69	1.415
AT3g22600	0.946	1.102	0.752	0.772	0.821	0.416	0.209	0.597
AT3g22610	0.782	0.637	1.393	0.871	0.672	0.622	0.333	0.629
AT3g22780	1.14	1.104	2.228	1.372	1.052	1.02	1.412	1.241
AT3g22850	1.067	1.122	0.493	1.172	0.837	0.659	0.449	0.668
AT3g22910	1.129	0.772	0.451	0.896	0.874	0.817	0.568	0.806
AT3g22960	1.36	2.04	1.371	1.107	1.169	0.998	0.994	0.916
AT3g23030	1.032	1.193	0.145	0.944	1.206	1.131	0.825	1.293
AT3g23050	1.151	1.11	2.145	0.806	0.839	1.097	1.615	1.127
AT3g23660	1.079	1.481	1.465	1.346	1.054	2.334	2.893	1.506
AT3g23750	1.041	0.963	0.494	1.043	1.056	1.012	0.909	0.925
AT3g23810	1.233	1.176	1.3	0.575	1.203	0.795	0.426	0.847
AT3g23990	1.161	0.971	0.939	1.243	1.124	0.624	0.43	0.588
AT3g24070	1.079	1.544	2.201	2.755	0.91	1.181	1.285	1.031
AT3g24180	0.872	2.186	1.142	1.848	0.973	1.463	1.065	1.314
AT3g24590	1.056	1.022	0.365	1.018	1.025	1.148	1.215	1.026
AT3g24810	1	0.854	0.467	0.706	1.225	0.925	0.433	0.905
AT3g24900	1.203	1.027	0.999	0.897	1.186	1.293	2.129	1.375
AT3g25110	1.213	2.077	0.762	1.245	0.925	0.938	0.732	0.984
AT3g25480	1.063	1.076	0.158	0.933	1.308	1.1	0.732	1.054
AT3g25540	1.01	1.005	0.426	1.036	1.004	0.823	0.735	0.991
AT3g25710	1.128	1.017	3.091	1.339	1.15	1.165	1.358	1.175
AT3g25800	1.374	1.036	2.009	1.158	0.914	0.975	1.053	0.972
AT3g25910	0.881	1.342	2.198	0.896	0.798	1.346	1.812	1.195
AT3g26100	0.986	0.936	0.723	0.976	0.923	1.02	0.308	1.094
AT3g26460	0.883	0.709	0.383	0.763	0.749	0.569	0.566	0.862
AT3g26510	1.028	1.539	2.196	1.183	1.221	3.922	9.568	1.861
AT3g26650	0.531	3.047	0.279	1.382	1.334	1.186	1.846	1.172

AT3g26740	0.737	0.2285	0.832	0.547	1.453	1.489	1.082	1.36
AT3g26780	1.296	2.418	3.925	1.403	2.296	2.06	2.34	0.948
AT3g26840	1.197	1.581	1.003	0.95	1.188	0.694	0.232	0.798
AT3g26850	0.973	0.54	0.313	0.901	1.033	0.948	0.911	0.813
AT3g27060	1.17	1.05	0.861	0.833	1.241	0.776	0.449	0.405
AT3g27160	1.208	0.601	0.426	0.49	1.079	1.037	0.835	1.104
AT3g27260	1.23	2.413	2.369	0.999	0.853	1.081	1.196	1.372
AT3g27350	0.897	1.557	3.179	1.554	1.184	1.272	1.431	1.207
AT3g27570	1.076	1.127	0.399	0.999	1.221	0.81	0.6	0.352
AT3g27690	1.652	1.279	0.169	0.846	1.172	0.827	0.575	1.105
AT3g27830	1.186	0.833	0.483	1.051	1.331	1.236	1.008	0.741
AT3g28180	1.072	1.688	2.116	1.333	1.296	0.97	1.221	0.66
AT3g28270	1.127	1.06	0.288	1.04	0.886	1.061	1.05	0.918
AT3g28290	0.83	0.35	0.522	0.932	0.979	0.956	0.834	0.978
AT3g28550	0.901	1.173	0.567	0.935	0.799	0.651	0.141	0.991
AT3g28710	0.827	1.407	2.169	1.271	1.228	0.859	1.312	0.842
AT3g29250	1.107	0.947	0.496	0.918	0.719	0.73	0.462	0.736
AT3g29270	1.118	0.66	0.267	0.781	1.268	1.736	0.748	1.3
AT3g30390	1.094	1.22	1.462	0.951	0.725	1.443	2.144	1.51
AT3g30775	1.067	0.726	0.687	0.719	1.054	0.721	0.442	0.752
AT3g43300	0.955	1.1085	0.373	1.094	1.131	0.904	0.826	0.974
AT3g43340	1.013	1.242	2.166	1.089	1.285	1.254	1.358	1.021
AT3g44320	1.31	1.491	2.767	0.857	0.595	0.713	0.91	0.832
AT3g44600	0.916	0.668	0.315	0.903	1.008	0.942	0.99	0.96
AT3g44610	0.946	1.709	2.935	1.546	0.897	1.578	2.101	1.679
AT3g44720	1.084	1.247	2.487	1.642	0.813	0.928	1.173	0.954
AT3g45070	1.2	0.928	0.578	0.812	1.025	0.665	0.482	0.689
AT3g45190	1.35	0.881	0.257	0.974	0.911	0.748	0.565	1.106
AT3g45300	0.785	0.78	0.822	0.788	0.97	0.893	0.455	0.923
AT3g45310	1.153	1.024	2.213	1.114	0.869	1.006	1.051	1.118
AT3g45730	0.842	1.053	1.442	1.219	0.874	1.657	2.92	2.266
AT3g45770	1.342	0.902	0.386	1.018	1.171	0.543	0.112	0.497
AT3g45970	0.921	0.929	2.136	0.959	0.965	1.207	1.613	1.241
AT3g46000	0.924	0.895	0.882	0.92	1.139	0.649	0.484	0.973
AT3g46110	1.009	1.126	0.248	0.996	1.152	1.211	1.175	1.133
AT3g46200	1.205	2.94	3.068	1.65	1.085	1.247	1.804	1.435
AT3g46640	0.706	0.463	0.465	1.147	0.724	1.111	1.094	1.642
AT3g46700	1.043	1.118	0.23	1.021	1.079	1.06	1.147	1.162
AT3g46740	1.187	0.898	0.801	0.717	1.142	0.785	0.493	0.831
AT3g47060	0.877	3.071	2.859	1.491	0.966	0.802	0.559	0.868
AT3g47340	1.364	16.794	69.12	5.118	0.903	2.122	5.109	2.076
AT3g47490	1.141	0.982	0.87	0.847	0.935	0.719	0.48	0.84
AT3g47900	1.167	1.407	2.439	1.1	0.842	1.088	1.244	0.967
AT3g48100	0.839	1.866	0.923	0.999	0.69	0.489	0.676	0.467
AT3g48170	0.95	0.645	0.653	0.655	1.075	0.915	0.332	0.764
AT3g48360	0.946	1.1285	1.152	0.9545	1.286	3.547	5.395	2.114
AT3g48530	0.958	1.944	4.372	1.876	1.247	1.777	3.389	1.67
AT3g48690	1.16	3.242	2.683	1.558	0.635	0.769	0.568	0.667
AT3g49000	0.944	1.231	0.675	1.275	1.028	2.323	2.344	1.285
AT3g49140	0.979	2.222	0.457	0.925	1.224	0.979	1.032	1.014
AT3g49220	1.104	0.718	3.291	0.872	1.291	1.914	0.802	0.915

AT3g49360	1.027	1.615	2.211	0.903	0.977	0.919	1.333	0.922
AT3g49870	1.068	1.412	1.171	1.162	0.766	0.912	0.455	1.191
AT3g49940	1.032	1.155	0.485	0.961	1.039	1.149	1.053	1.081
AT3g50440	0.975	1.228	0.387	1.006	1.004	1.074	1.184	1.061
AT3g50820	1.309	1.052	0.581	0.419	0.777	0.51	0.367	0.687
AT3g50920	1.079	1.011	0.6	0.625	1.171	0.82	0.484	0.799
AT3g50950	1.113	0.982	0.184	1.011	0.897	0.995	0.832	0.883
AT3g50970	0.869	1.285	0.534	1.001	0.511	0.852	0.456	1.042
AT3g51010	0.963	2.173	3.048	1.441	0.964	1.273	2.118	1.559
AT3g51370	1.068	1.468	2.756	1.356	0.805	0.672	0.233	0.948
AT3g51510	1.131	0.664	1.95	0.719	1.235	2.277	2.868	1.591
AT3g51660	1.138	1.531	2.951	1.479	1.101	1.3	1.66	1.18
AT3g51840	1.132	1.473	3.51	0.766	0.807	1.282	2.634	0.599
AT3g51920	1.062	2.108	2.158	1.465	1.116	2.015	3.647	1.296
AT3g52060	1.217	1.304	2.083	1.279	1.114	1.524	1.564	0.674
AT3g52230	1.059	0.596	0.539	0.701	1.07	0.736	0.473	0.78
AT3g52360	0.78	2.06	2.06	1.63	0.866	0.643	0.511	0.706
AT3g52470	1.089	1.188	0.429	1.074	0.898	0.76	0.718	0.862
AT3g52490	1.29	1.018	0.345	0.845	0.914	1.273	1.289	1.038
AT3g52760	1.005	1.146	1.126	1.019	1.082	0.729	0.293	0.668
AT3g52800	0.951	1.526	2.167	1.925	1.014	1.147	1.438	1.263
AT3g52850	1.209	0.736	1.361	1.107	0.789	0.531	0.291	0.697
AT3g52920	1.046	1.151	0.294	1.036	0.882	0.933	0.903	0.829
AT3g52930	0.965	1.055	1.556	0.93	1.154	0.696	0.384	0.91
AT3g53020	0.939	1.009	0.347	0.836	1.369	0.938	0.622	0.886
AT3g53420	1.169	2.0515	2.529	0.9595	0.939	1.16	1.248	1.386
AT3g53460	1.178	0.694	0.363	1.158	1.419	1.453	2.025	1.209
AT3g53500	0.819	1.478	2.987	1.259	1.062	1.403	2.137	1.21
AT3g53920	0.997	1.243	0.326	1.026	0.842	1.047	1.104	0.981
AT3g54050	1.392	0.816	0.387	1.21	1.261	1.797	3.507	1.725
AT3g54500	1.21	3.185	4.261	2.185	0.339	3.231	2.07	2.722
AT3g54890	1.362	0.425	0.446	0.748	0.978	0.923	1.037	0.902
AT3g54900	0.915	0.929	0.475	0.992	0.969	0.999	1.109	0.883
AT3g55010	1.021	1.106	0.284	1.001	1.049	0.853	0.855	0.914
AT3g55220	1.215	2.231	1.124	1.865	1.064	1.044	1.255	1.103
AT3g55340	1.824	2.792	9.316	2.832	2.65	1.459	1.84	0.455
AT3g55400	1.064	0.71	0.438	0.915	1.041	1.087	0.709	0.567
AT3g56090	0.762	0.499	0.737	0.656	1.021	0.867	0.75	0.941
AT3g56240	0.97	0.457	0.754	0.759	0.874	0.75	0.559	0.787
AT3g56250	1.044	2.312	0.976	0.896	1.132	0.865	0.914	0.943
AT3g56260	1.005	0.987	0.383	1.016	1.108	1.32	1.064	1.245
AT3g56290	1.098	1.753	0.488	1.601	1.113	1.153	0.995	0.824
AT3g56360	1.328	1.572	2.004	2.334	0.923	1.158	1.118	1.187
AT3g56570	0.965	2.865	1.531	0.892	0.885	2.723	4.2	1.641
AT3g56740	1.062	1.5	2.451	1.335	1	1.058	1.221	1.18
AT3g57520	1.129	2.922	3.842	1.395	0.856	1.431	0.919	1.493
AT3g57820	0.867	0.869	0.481	0.767	0.888	0.766	0.526	0.947
AT3g58120	1.217	2.804	1.494	1.619	0.891	0.898	0.761	1.033
AT3g58640	1.189	0.907	5.713	1.032	1.159	1.072	1.664	0.985
AT3g58990	1.06	0.548	0.431	0.717	0.725	0.75	0.239	0.786
AT3g59020	1.105	1.193	2.234	1.202	1.013	1.127	1.224	1.072

AT3g59200	0.79	0.564	0.616	0.381	0.914	0.735	0.42	0.877
AT3g59320	1.37	0.637	0.356	0.826	1.142	1.157	1.106	0.967
AT3g59350	0.907	0.673	0.371	0.81	1.225	0.881	0.563	1.152
AT3g59380	1.104	1.021	2.295	1.206	1.05	1.149	1.615	1.055
AT3g59680	1.101	4.956	4.055	2.271	1.111	2.507	1.857	2.068
AT3g59940	1.217	1.504	1.85	0.388	1.045	1.834	2.043	0.948
AT3g59950	0.941	0.969	1.763	1.027	2.105	1.375	0.783	1.054
AT3g60220	1.132	1.043	0.321	1.009	0.827	1.276	1.449	1.129
AT3g60280	0.971	1.149	0.393	1.033	1.034	0.992	1.513	1.121
AT3g60300	0.931	1.441	2.301	1.267	1.123	1.523	1.616	1.219
AT3g60690	0.862	1.475	3.102	1.429	1.046	0.989	1.276	0.89
AT3g61080	0.833	1.783	1.053	2.24	0.853	1.07	0.883	1.109
AT3g61130	1.114	1.621	1.491	1.405	1.043	1.389	2.058	1.262
AT3g61260	0.904	1.024	4.59	1.735	1.025	1.303	2.003	1.51
AT3g61430	1.227	3.899	2.582	1.382	1.328	1.21	1.264	1.278
AT3g61600	1.26	1.856	4.603	1.259	1.232	1.457	1.908	1.235
AT3g61620	1.106	0.802	0.578	0.903	0.911	0.472	0.258	0.343
AT3g62030	1.36	0.508	0.094	0.758	0.824	0.867	0.352	0.902
AT3g62040	0.981	0.528	0.609	0.723	0.994	0.754	0.403	0.979
AT3g62360	1.046	0.754	0.913	0.639	0.712	0.62	0.385	0.766
AT3g62550	0.62	0.188	0.31	0.772	0.875	1.163	1.065	1.003
AT3g62840	1.118	0.928	0.17	1.04	1.275	1.13	0.726	1.105
AT3g62980	1.043	1.733	2.692	0.91	1.58	2.044	2.269	1.61
AT3g63030	0.906	0.78	1.043	1.025	0.89	1.365	2.528	1.184
AT3g63140	0.842	0.952	2.813	1.507	0.874	0.882	1.019	1.089
AT3g63490	1.013	1.506	0.355	1.19	1.067	0.921	0.415	0.921
AT3g63510	1.084	1.13	2.009	1.405	0.863	0.977	1.396	1.289
AT4g00050	0.983	1.211	0.251	1.102	0.907	1.092	1.412	0.922
AT4g00100	0.988	1	1.605	0.938	1.794	1.604	2.204	1.366
AT4g00430	1.162	2.368	2.318	1.035	0.776	1.271	1.497	1.505
AT4g00620	0.971	0.993	0.328	0.869	0.801	1.006	0.789	0.747
AT4g00940	1.078	0.879	0.839	0.692	0.782	0.653	0.465	0.727
AT4g01090	0.97	0.814	0.431	0.928	1.08	0.936	1.001	0.872
AT4g01610	0.733	0.226	2.193	0.741	1.191	0.858	1.763	1.167
AT4g01850	1.098	1.297	1.541	0.728	1.166	0.884	0.413	0.858
AT4g02010	0.889	1.086	0.347	1.037	1.122	1.143	1.184	0.659
AT4g02330	1.055	3.101	5.523	1.326	1.004	2.267	3.686	2.179
AT4g02440	0.922	1.228	0.323	0.952	1.208	1.183	1.203	1.053
AT4g02470	1.069	1.181	2.77	1.847	1.154	1.387	2.077	1.158
AT4g02500	1.07	0.241	0.638	0.727	1.125	0.794	0.53	0.711
AT4g02590	0.953	1.414	2.004	1.157	0.942	1.069	1.059	1.601
AT4g02880	1.032	1.386	2.09	1.018	0.93	1.347	1.404	1.352
AT4g02890	1.276	1.214	2.273	0.841	1.175	1.208	1.935	1.039
AT4g03110	1.001	1.137	0.374	1.092	1.134	1.778	1.077	1.553
AT4g03390	1.139	1.303	0.445	1.056	1.069	1.046	0.946	1.093
AT4g03960	1.191	0.646	0.99	0.747	0.991	0.53	0.34	0.697
AT4g04330	0.816	0.573	0.315	1.12	1.096	1.208	1.448	0.687
AT4g04340	1.007	0.696	0.648	0.742	1.042	0.757	0.426	0.869
AT4g04350	0.973	1.343	2.081	1.441	1.005	1.252	1.049	1.193
AT4g04620	1.066	1.1	0.194	1.035	0.916	1.112	1.395	1.075
AT4g04640	1.245	0.531	0.315	0.906	0.803	0.923	0.875	0.867

AT4g04720	1.01	1.11	1.539	1.325	0.829	1.388	2.689	1.421
AT4g04830	0.979	1.078	0.365	1.018	1.141	1.156	0.597	1.457
AT4g04910	1.105	1.272	0.417	1.27	1.203	0.936	0.919	1.002
AT4g05070	0.947	1.319	2.343	1.307	1.223	1.091	1.474	1.486
AT4g05150	1.052	1.252	0.177	0.844	1.1	1.209	1.563	1.38
AT4g07820	1.285	1.134	1.499	0.288	0.979	0.935	0.884	0.821
AT4g08180	0.894	1.817	2.125	1.392	0.927	0.986	1.206	1.131
AT4g08290	1.113	1.167	0.887	0.929	1.055	2.988	2.221	2.302
AT4g08300	0.728	1.172	1.781	1.406	1.2	2.172	2.079	1.479
AT4g08350	1.056	0.764	0.499	0.92	1.058	1.013	1.393	1.182
AT4g08720	0.717	0.466	0.389	0.767	1.054	0.825	0.542	0.929
AT4g09010	1.085	1.281	1.724	1.131	1.047	1.38	2.536	1.526
AT4g09730	1.047	0.908	2.771	1.621	1.128	1.465	2.52	1.567
AT4g09800	0.782	1.138	0.27	0.867	1.054	0.981	0.978	0.997
AT4g09830	1.035	1.292	2.436	1.461	0.978	0.787	1.043	1.14
AT4g10030	0.97	1.052	3.037	1.41	0.708	0.958	1.535	1.274
AT4g10340	1.283	0.741	0.372	0.799	1.116	0.932	0.735	0.74
AT4g10610	1.137	1.652	2.463	0.897	0.739	0.507	1.518	0.662
AT4g10760	1.123	4.473	4.436	0.707	1.159	3.688	4.498	2.115
AT4g10840	1.062	0.749	3.618	1.394	0.906	1.392	1.69	1.467
AT4g11290	0.854	1.323	1.347	1.35	0.789	0.582	0.483	0.656
AT4g11320	0.996	0.8975	0.615	0.9175	0.964	0.859	0.49	1.051
AT4g11420	1.14	1.388	2.882	1.354	1.401	1.283	1.682	0.782
AT4g11560	1.021	1.282	0.298	1.016	1.043	1.087	1.503	1.038
AT4g12230	1.147	2.113	3.526	1.022	0.726	1.217	1.615	1.032
AT4g12720	1.099	1.526	0.317	1.161	0.94	0.99	1.175	1.201
AT4g12750	1	1.068	0.196	1.0575	1.118	0.996	0.492	0.916
AT4g12800	1.005	0.708	0.401	0.785	1.096	1.179	0.98	1.085
AT4g12880	0.969	1.311	0.378	1.143	0.989	0.729	0.615	0.799
AT4g13510	0.789	0.648	0.414	0.786	0.853	0.61	0.697	0.689
AT4g13580	0.804	1.137	1.562	1.073	0.97	0.754	0.494	1.088
AT4g13640	0.972	0.96	0.448	0.971	0.818	0.944	0.789	0.914
AT4g13660	1.01	0.83	0.773	0.714	0.847	0.817	0.464	0.814
AT4g13770	1.131	0.784	0.075	0.336	0.924	1.077	0.222	0.795
AT4g13890	1.06	0.88	0.638	0.681	0.895	0.731	0.331	0.757
AT4g13930	1.186	0.575	0.473	0.62	1.163	0.556	0.161	0.561
AT4g14130	0.899	0.9745	14.01	1.1105	1.107	1.116	1.12	1.283
AT4g14160	1.184	1.305	2.098	1.394	1.232	1.109	1.443	1.063
AT4g14320	0.979	0.755	0.438	0.654	0.958	0.817	0.52	0.894
AT4g14400	0.772	0.386	0.214	0.692	0.964	0.877	0.858	0.896
AT4g14520	0.918	2.227	2.625	1.921	0.934	1.272	1.43	1.339
AT4g14950	0.977	0.569	0.689	0.603	1.241	0.927	0.384	0.816
AT4g14980	1.037	1.899	2.937	1.219	1.18	1.125	1.526	0.6
AT4g15000	0.776	1.02	0.443	0.57	1.12	0.783	0.419	0.748
AT4g15390	0.712	0.828	0.711	0.711	0.85	0.643	0.299	0.763
AT4g15440	0.983	0.976	0.437	0.978	0.899	0.893	0.9	0.967
AT4g15800	0.81	0.628	0.69	0.742	1.369	0.86	0.437	0.718
AT4g15900	1.087	1.314	3.187	1.201	1.482	1.263	1.285	0.737
AT4g15950	0.971	0.834	0.416	0.809	1	0.81	0.659	0.768
AT4g16110	0.857	1.596	2.365	1.259	1.084	1.265	1.614	1.404
AT4g16190	1.199	1.102	2.748	1.511	1.296	1.462	3.32	2.262

AT4g16330	0.968	1.152	2.272	1.347	1.043	1.223	1.719	1.255
AT4g16340	1.029	0.722	0.425	1.016	1.244	1.069	0.764	0.942
AT4g16360	0.984	0.397	0.684	0.781	1.182	0.936	0.986	1.038
AT4g16410	0.976	1.449	0.384	1.11	0.823	0.668	0.192	1.002
AT4g16660	1.26	0.903	0.488	1.034	0.996	0.808	0.688	0.705
AT4g16760	1.125	1.876	2.226	1.165	0.825	1.169	1.355	1.111
AT4g16780	0.894	1.401	2.496	1.027	1.011	1.171	1.389	1.074
AT4g17040	1.029	1.068	2.293	1.412	1.241	1.329	1.641	1.11
AT4g17170	0.84	1.121	2.392	1.201	1.012	0.896	0.915	1.03
AT4g17260	1.028	1.109	0.193	1.111	1.014	0.97	1.299	1.027
AT4g17340	1.049	1.202	0.839	1.063	1.265	0.657	0.34	0.983
AT4g17615	1.138	1.285	0.38	1.102	1.001	0.998	1.189	1.117
AT4g18010	0.951	1.134	2.614	1.397	0.786	0.994	0.897	1.716
AT4g18030	1.129	0.763	0.912	0.75	1.22	0.741	0.45	0.56
AT4g18120	1.107	1.382	2.194	1.001	0.901	1.063	1.386	1.112
AT4g18390	1.066	1.005	0.275	0.962	1.242	0.893	0.738	0.872
AT4g18710	1.004	2.794	1.11	1.53	1.333	1.317	1.181	1.18
AT4g18730	0.935	1.512	0.447	0.742	1.113	0.807	0.506	0.859
AT4g19030	1.313	2.356	0.69	1.398	1.031	0.831	0.586	0.875
AT4g19120	0.885	1.064	2.064	1.148	0.887	0.799	0.796	1.143
AT4g20260	0.763	0.51	2.603	1.62	1.21	0.961	1.577	1.065
AT4g20390	0.904	0.858	0.664	0.977	0.71	0.803	0.386	0.914
AT4g20770	1.015	1.22	0.321	0.949	1.189	0.997	0.831	0.903
AT4g21450	1.195	1.67	2.511	1.354	1.1	1.525	2.194	1.325
AT4g21570	1.046	0.641	0.819	0.833	0.904	0.664	0.431	0.97
AT4g21750	1.094	1.041	0.225	0.919	1.059	0.902	0.795	0.963
AT4g21810	1.045	1.909	2.973	1.096	1.206	1.723	2.143	1.48
AT4g21930	1.063	0.98	0.424	1.129	0.796	1.212	0.826	0.903
AT4g21960	0.979	0.399	0.635	0.763	1.284	1.054	0.933	0.974
AT4g22670	1.017	1.407	1.323	0.871	0.696	0.768	0.291	0.787
AT4g22710	1.077	0.542	0.386	0.948	0.776	1.033	1.226	1.609
AT4g22720	1.032	1.06	0.44	0.955	0.756	1.016	1.278	1.402
AT4g22820	1.117	1.231	2.894	1.202	1.161	1.426	1.699	1.184
AT4g23450	1.015	1.345	2.969	0.892	1.122	1.328	1.558	0.887
AT4g23670	0.847	0.5325	0.342	0.795	0.9	0.727	0.55	0.851
AT4g23680	0.782	0.49	0.371	0.703	0.626	0.636	0.687	0.92
AT4g23750	0.956	1.863	2.154	1.496	1.152	1.097	0.944	0.956
AT4g24130	0.92	1.801	2.376	0.514	1.046	2.333	2.135	1.991
AT4g24220	0.869	0.796	2.45	1.301	1.439	1.1	0.512	1.345
AT4g24230	1	2.04	2.503	1.142	1.076	2.257	3.538	1.379
AT4g24550	0.944	1.057	1.083	1.049	1.312	0.674	0.393	0.967
AT4g24620	1.412	0.999	2.108	0.79	0.934	0.813	0.601	0.745
AT4g24680	1.029	2.576	3.472	1.451	0.796	0.951	0.452	0.948
AT4g24690	1.225	0.91	3.154	1.208	0.911	1.113	2.335	1.436
AT4g24830	1.468	0.701	0.585	0.615	1.636	0.958	0.496	0.905
AT4g25390	1.038	0.846	0.394	0.955	0.905	0.96	0.843	0.839
AT4g25630	1.057	1.875	3.419	1.025	1.472	1.086	0.982	0.791
AT4g25830	0.893	0.368	0.452	0.816	0.881	0.748	0.665	0.72
AT4g26130	0.988	0.475	0.675	0.814	1.481	0.826	0.766	0.571
AT4g26160	1.076	1.227	2.494	1.35	1.18	1.806	2.132	1.588
AT4g26230	0.743	1.072	0.55	0.725	1.025	0.831	0.487	0.793

AT4g26300	0.99	1.031	0.277	1.009	1.145	0.922	1.077	0.956
AT4g26510	0.972	0.953	0.381	1.012	0.826	1.066	0.65	0.847
AT4g26540	0.975	1.131	2.223	1.227	1.039	1.014	1.39	1.243
AT4g26690	0.849	1.0095	1.408	1.046	1.408	1.502	0.823	2.072
AT4g26850	1.51	2.585	1.682	2.037	1.105	0.759	1.134	0.939
AT4g26970	1.055	1.574	2.63	1.29	0.932	0.748	1.321	0.853
AT4g26980	0.81	0.048	0.157	0.411	1.025	0.313	0.251	0.447
AT4g27000	1.128	1.402	2.338	1.163	1.24	1.44	1.605	1.221
AT4g27120	1.163	1.457	2.08	1.069	0.79	0.975	0.919	1.259
AT4g27130	0.989	1.983	3.406	1.398	0.997	1.685	1.53	1.676
AT4g27140	1.011	0.679	0.65	0.571	1.098	0.714	0.323	0.812
AT4g27260	1.131	2.624	5.698	0.775	0.926	1.115	0.984	0.8
AT4g27350	1.06	1.152	0.149	0.825	1.143	1.166	0.914	1.062
AT4g27440	1.479	0.202	0.234	0.432	0.91	0.817	0.685	0.757
AT4g27450	1.131	3.961	9.009	1.116	0.594	1.311	2.368	1.043
AT4g27520	1.063	0.506	0.381	0.769	1.257	0.822	0.516	0.793
AT4g27580	0.976	1.183	1.461	0.904	1.017	1.162	2.038	1.256
AT4g27630	0.909	1.541	3.194	1.447	1.485	1.496	2.087	1.754
AT4g27710	1.085	1.144	0.192	0.992	0.97	0.475	0.499	0.58
AT4g27870	0.915	0.41	1.468	0.743	0.919	1.005	0.972	0.875
AT4g28260	1.219	1.469	3.542	0.972	1.232	1.751	2.347	1.354
AT4g28840	0.979	1.15	2.046	0.831	1.225	1.188	0.905	1.072
AT4g28890	0.959	1.014	0.523	1.033	0.976	0.664	0.494	0.703
AT4g29480	1.167	0.661	0.388	0.762	1.181	0.91	0.751	0.944
AT4g30190	1.122	0.943	0.917	0.935	0.961	0.485	0.347	0.59
AT4g31540	1.004	2.469	2.101	1.388	0.997	1.36	1.168	1.69
AT4g32040	1.037	1.227	0.234	0.99	0.748	1.224	1.839	1.378
AT4g32050	1.036	1.429	0.405	1.184	1.065	0.943	0.937	1.069
AT4g32070	1.179	1.078	2.121	1.563	0.973	1.04	1.134	1.148
AT4g32150	0.892	1.521	2.336	1.345	1.122	1.288	1.956	1.334
AT4g32240	1.03	0.886	0.977	0.971	1.175	0.815	0.364	0.708
AT4g32470	1.021	0.825	0.323	0.799	1.07	0.767	0.481	0.825
AT4g32530	1.036	0.642	0.631	0.857	1.011	0.823	0.49	0.948
AT4g32551	0.994	2.09	1.705	2.212	1.05	1.185	0.86	0.855
AT4g32780	1.004	0.856	0.89	0.861	1.039	0.812	0.467	0.874
AT4g32860	0.955	1.102	0.418	1.081	1.342	1.011	0.766	1.064
AT4g32900	1.227	0.991	0.293	1.04	0.984	0.979	1.024	1.032
AT4g32910	0.991	2.246	0.202	1.004	1.113	0.997	1.291	1.051
AT4g32940	0.861	0.702	0.478	1.102	1.322	1.247	1.714	1.205
AT4g33010	1.482	0.789	0.356	1.944	1.122	1.453	0.642	0.88
AT4g33070	0.995	0.943	0.38	1.02	0.403	0.217	0.181	0.248
AT4g33150	0.962	0.966	8.28	1.013	0.754	1.436	2.686	1.41
AT4g33160	1.2	1.286	0.312	1.483	1.001	0.988	0.978	0.934
AT4g33770	1.004	1.938	5.108	2.021	2.533	1.685	1.465	0.321
AT4g33980	0.772	1.689	4.67	2.048	1.013	1.47	2.889	1.672
AT4g34131	1.332	3.014	4.228	1.685	0.911	1.465	1.964	1.659
AT4g34200	1.317	0.982	0.673	0.459	1.568	1.049	0.617	0.872
AT4g34260	1.304	2.552	4.643	1.424	0.933	1.738	3.263	1.741
AT4g34460	0.473	0.229	0.098	0.409	0.816	0.789	0.8	0.893
AT4g34480	0.467	0.2	0.519	0.61	0.716	0.484	0.355	0.921
AT4g34540	1.007	0.776	1.096	1.017	0.987	0.486	0.321	0.58

AT4g34720	1.044	1.08	0.792	0.966	0.797	0.805	0.493	0.93
AT4g35090	1.083	1.963	2.886	1.664	0.856	1.367	2.254	1.571
AT4g35100	0.867	2.26	3.352	1.407	0.8	1.268	1.108	1.486
AT4g35260	0.979	1.571	0.458	0.862	1.231	0.648	0.655	0.61
AT4g35600	1.052	1.215	2.272	1.397	1.354	1.32	1.97	1.124
AT4g35770	1.17	9.024	63.73	3.087	0.778	2.366	9.202	1.602
AT4g36040	1.214	1.365	2.058	0.82	0.799	2.287	3.362	1.685
AT4g36250	1.013	1.126	0.232	1.011	1.014	0.898	0.881	0.906
AT4g36410	1.046	0.804	0.824	0.689	1.013	0.78	0.455	0.918
AT4g36730	1.15	1.197	2.579	1.219	1.094	1.62	2.403	1.518
AT4g37070	0.938	0.804	0.441	0.842	0.643	1.111	1.284	1.396
AT4g37520	0.885	1.724	2.796	0.97	0.724	0.932	1.248	1.192
AT4g37870	0.796	0.886	2.096	0.796	1.394	1.292	1.539	1.307
AT4g37900	0.726	0.19	0.808	0.696	0.977	0.971	1.259	0.974
AT4g37980	0.785	1.482	0.266	0.745	1.38	1.938	0.465	0.784
AT4g38090	1.114	1.53	0.358	1.158	1.098	1.362	1.614	1.249
AT4g38130	1.158	1.316	3.148	1.305	1.278	1.251	1.311	1.122
AT4g38310	1.291	2.099	2.242	1.218	1.381	0.986	1.087	0.695
AT4g38440	1.205	1.044	0.398	0.886	1.191	1.291	1.32	1.133
AT4g38540	1.02	1.106	2.418	1.014	0.878	1.195	1.962	1.15
AT4g38550	0.954	1.24	2.358	1.284	1.018	1.59	4.195	1.601
AT4g38620	0.826	1.067	0.719	1.263	0.781	0.493	0.307	0.855
AT4g38740	1.257	1.508	0.41	0.769	1.162	0.899	0.479	0.808
AT4g38770	1.226	0.371	0.527	1.165	1.641	1.703	0.924	1.439
AT4g38800	0.985	2.933	1.861	1.365	1.195	1.138	0.992	1.111
AT4g39040	1.096	0.86	0.229	0.965	0.874	0.937	0.954	0.975
AT4g39090	0.955	0.494	1.85	0.953	1.283	0.92	1.396	1.131
AT4g39260	0.808	0.385	0.503	0.83	1.235	0.922	1.229	0.87
AT4g39460	0.988	0.891	0.361	1.059	1.369	0.955	0.523	1.141
AT4g39570	0.953	1.375	1.515	1.047	0.925	0.58	0.471	0.71
AT4g39730	0.941	0.45	0.433	0.675	1.027	0.632	0.364	0.734
AT4g39800	1.544	0.68	0.73	0.714	1.13	0.941	0.462	0.876
AT4g39940	0.95	0.895	0.332	0.757	0.886	0.675	0.407	0.927
AT4g40030	0.943	1.696	3.26	1.235	0.925	1.681	1.758	1.665
AT5g01210	0.871	0.491	2.067	0.608	2.126	1.189	1.114	0.619
AT5g01430	1.101	1.117	0.135	0.913	1.428	1.146	0.511	1.235
AT5g01450	1.088	1.121	0.333	1.065	1.107	0.996	1.064	0.899
AT5g01470	0.865	1.348	4.644	1.111	1.57	1.816	2.876	1.42
AT5g01710	0.958	0.725	2.004	1.1695	0.885	0.63	0.485	0.988
AT5g01720	0.994	1.353	0.236	0.988	1.184	1.266	1.044	1.171
AT5g01770	1.03	0.993	2.553	1.731	0.73	1.833	3.002	1.629
AT5g01810	1.165	1.199	0.447	0.892	1.069	1.303	1.398	1.23
AT5g01950	1.034	1.459	0.327	1.221	0.963	0.88	0.788	0.962
AT5g02160	0.817	0.367	1.672	1.189	0.631	0.61	0.661	0.758
AT5g02240	1.018	0.844	0.397	0.936	0.62	0.826	1.064	1.213
AT5g02260	0.922	0.987	1.841	0.963	1.339	1.019	0.476	0.9
AT5g02480	0.992	2.033	2.318	1.523	1.204	1.166	1.706	0.987
AT5g02530	0.904	0.824	2.391	0.911	1.37	1.154	0.676	1.221
AT5g02740	1.025	1.507	2.259	1.09	0.898	0.938	1.004	0.805
AT5g02910	1.041	1.413	2.063	0.918	1.001	0.942	1.253	1.194
AT5g03040	1.213	0.466	0.582	1.179	1.145	0.739	0.571	0.759

AT5g03180	0.884	1.192	2.491	1.339	1.975	1.756	2.118	0.955
AT5g03240	1.102	2.105	3.049	1.0025	0.915	1.198	2.246	1.379
AT5g03540	0.82	1.622	0.907	0.794	0.865	1.397	0.907	2.244
AT5g03650	0.985	1.244	0.643	1.235	1.195	0.791	0.423	1.257
AT5g03790	1.441	2.08	2.704	1.305	1.105	0.858	0.961	0.668
AT5g04200	1.001	1.392	2.049	1.211	1.141	1.528	1.448	1.192
AT5g04280	1.218	1.244	0.384	1.052	0.907	0.995	1.028	1.094
AT5g04590	0.992	0.804	0.475	0.819	0.873	1.082	0.647	1.12
AT5g04750	0.792	1.255	2.743	1.174	0.955	1.101	1.532	1.048
AT5g04850	0.969	1.115	0.356	1.023	0.98	0.933	0.927	0.933
AT5g04860	1.07	0.982	0.406	1.057	0.882	1.112	1.13	1.105
AT5g05000	1.021	1.614	2.19	1.426	0.932	1.603	2.181	1.571
AT5g05080	0.974	1.151	2.197	0.941	1.015	1.297	1.519	1.217
AT5g05470	0.754	0.9035	3.259	1.071	1.03	1.25	2.476	1.244
AT5g05540	0.849	1.007	1.141	0.77	0.953	0.943	0.452	0.905
AT5g05690	1.144	2.078	7.1	1.29	0.911	1.376	1.417	0.924
AT5g06140	1.158	0.379	0.944	0.63	1.223	1.123	0.888	1.201
AT5g06290	1.078	0.853	0.463	0.95	0.873	0.805	1.011	1.061
AT5g06360	0.922	1.946	4.462	1.576	1.049	1.361	1.905	1.465
AT5g06560	1.007	1.001	2.302	0.894	0.829	1.317	1.486	1.287
AT5g06630	1.001	3.137	3.548	2.1	0.823	0.781	0.216	0.999
AT5g07100	0.87	0.624	2.123	0.93	1.383	1.318	2.241	1.124
AT5g07440	0.854	1.512	4.41	1.48	0.68	1.641	2.247	1.817
AT5g07470	1.041	1.181	0.333	1.006	1.063	1.084	0.901	1.165
AT5g07580	0.78	0.579	0.421	0.754	1.202	1.04	1.043	0.982
AT5g08160	1.025	1.091	0.245	0.938	1.294	1.065	0.793	1.171
AT5g08170	1.038	0.669	2.301	0.901	0.982	1.001	1.732	1.142
AT5g08640	0.961	1.402	3.622	1.67	0.8	0.782	1.309	0.801
AT5g09440	0.942	2.424	5.181	1.647	1.737	1.589	1.207	1.593
AT5g09480	0.928	1.157	0.206	1.017	0.997	0.927	0.951	1.066
AT5g10050	0.992	1.43	2.279	1.419	0.858	1.416	1.386	1.468
AT5g10160	0.965	0.436	0.673	0.635	0.907	0.812	0.675	0.883
AT5g10300	1.081	4.531	6.41	2.847	0.961	1.513	2.603	1.224
AT5g10430	0.749	0.619	1.728	1.051	1.448	1.087	0.221	0.697
AT5g10450	0.906	2.308	3.578	1.573	0.878	1.224	1.673	1.426
AT5g10480	1.029	1.0695	1.088	0.879	1.097	0.619	0.225	0.857
AT5g10860	0.934	0.839	2.621	1.56	1.718	1.249	2.15	1.323
AT5g11580	1.368	1.828	0.456	1.123	1.323	1.066	1.266	0.785
AT5g11670	0.877	0.338	0.42	0.576	1.122	0.956	0.827	1.312
AT5g11720	0.934	0.89	1.014	0.852	1.606	3.385	1.955	1.46
AT5g11740	0.535	0.906	0.451	0.72	0.956	0.622	0.313	0.827
AT5g11850	0.804	0.723	0.448	0.575	1.119	0.918	0.499	0.722
AT5g12230	1.036	0.998	0.313	1.066	0.77	1.127	1.17	1.275
AT5g12970	1.014	2.085	1.661	1.1005	1.014	1.016	1.107	1.191
AT5g13100	0.964	2.976	2.037	1.93	1.173	1.349	0.801	0.862
AT5g13120	1.207	1.106	0.429	0.983	1.092	0.94	0.496	0.859
AT5g13180	0.989	1.2665	2.524	1.276	1.008	0.934	1.04	1.011
AT5g13420	0.965	1.422	1.374	0.709	1.212	0.527	0.277	0.588
AT5g13450	1.252	0.702	0.701	0.679	1.12	0.763	0.395	0.825
AT5g13500	0.71	0.47	0.614	0.868	1.101	0.923	0.472	0.957
AT5g13740	0.89	1.015	0.37	1.0115	0.712	0.64	0.966	0.944

AT5g13760	1.087	1.156	1.175	1.165	0.599	0.558	0.474	0.567
AT5g14220	1.064	1.069	0.459	1.022	0.829	0.887	1.614	1.329
AT5g14740	1.185	3.0255	1.31	1.632	0.981	0.781	1.02	0.404
AT5g14750	0.881	1.444	2.033	1.437	1.178	1.187	1.384	1.028
AT5g14780	1.074	1.214	3.327	1.206	0.886	1.245	1.565	1.2
AT5g14920	0.706	0.285	2.14	1.164	1.569	0.828	1.642	0.885
AT5g15030	0.899	1.453	3.372	1.191	1.189	1.529	1.92	1.323
AT5g15120	1.028	1.001	1.255	0.829	0.651	0.673	0.504	0.392
AT5g15230	0.612	0.487	0.68	0.799	1.186	0.773	0.149	0.798
AT5g15490	1.221	2.026	7.168	1.407	0.857	1.52	2.459	1.485
AT5g15650	0.909	0.602	0.551	0.463	1.277	0.704	0.276	0.709
AT5g15680	0.941	1.688	4.237	1.456	1.028	1.337	2.144	1.161
AT5g15880	1.262	1.116	0.365	0.892	1.098	0.944	0.994	0.913
AT5g15970	0.635	0.325	0.169	0.879	0.775	0.79	0.677	0.834
AT5g16110	0.81	4.665	6.719	1.406	1.308	2.74	4.314	2.322
AT5g16360	1.153	1.051	0.401	1.051	0.909	1.045	1.647	1.311
AT5g16730	0.879	0.849	3.285	0.896	1.18	1.246	1.181	0.927
AT5g16760	0.616	0.228	0.259	0.805	0.979	0.832	0.828	0.93
AT5g16880	0.932	1.523	2.345	1.151	0.941	1.324	1.847	1.281
AT5g16940	1.087	2.449	3.329	1.513	0.823	1.412	1.769	1.616
AT5g17020	1.101	1.815	4.545	1.874	2.027	1.438	1.721	0.466
AT5g17170	1.047	0.949	0.225	0.983	1.041	1.13	1.268	0.641
AT5g17870	0.812	0.775	0.331	1.105	1.088	1.013	1.05	0.883
AT5g17920	1.28	0.841	0.935	0.816	1.292	0.989	0.296	0.849
AT5g18130	0.993	1.053	1.945	1.061	0.93	1.346	2.082	1.293
AT5g18580	0.879	1.648	2.011	1.263	1.001	1.218	1.745	1.197
AT5g18620	0.997	0.915	0.495	0.9825	1.271	1.023	0.807	0.928
AT5g19120	1.038	2.007	2.985	0.757	1.107	2.098	3.154	1.664
AT5g19250	0.836	0.36	0.351	0.807	0.943	0.877	0.613	1.255
AT5g19290	1.049	1.374	0.36	1.166	0.9	0.776	0.316	1.062
AT5g19530	0.903	1.353	1.028	1.012	1.386	1.884	1.922	2.063
AT5g19550	1.067	0.959	0.418	0.946	1.042	0.734	0.829	0.576
AT5g19590	1.177	0.955	0.393	1.069	0.785	0.955	0.974	1.057
AT5g19620	0.952	1.096	1.554	1.113	1.001	1.132	2.098	1.305
AT5g20230	1.176	0.661	0.432	0.586	1.369	1.054	1.07	0.815
AT5g20250	1.293	1.596	6.747	2.208	0.863	3.14	6.395	2.922
AT5g20300	1.064	1.427	2.124	1.019	1.279	1.176	1.292	0.91
AT5g20490	0.997	0.776	0.401	0.922	0.932	0.942	0.696	0.808
AT5g20500	1.053	1.139	0.144	0.837	1.147	0.982	0.49	0.819
AT5g20570	1.124	1.445	0.225	0.956	0.818	0.88	0.796	0.985
AT5g20610	0.915	0.665	1.122	1.053	0.738	1.285	2.946	1.265
AT5g20830	1.056	0.867	0.205	1.03	0.909	0.727	0.754	0.535
AT5g20930	1.176	1.226	1.173	0.577	1.13	0.764	0.48	0.851
AT5g21010	0.863	1.579	1.51	1.728	1.193	1.524	2.195	1.557
AT5g21090	1.051	0.634	0.766	0.641	0.839	0.73	0.468	0.952
AT5g21100	0.869	0.918	0.903	0.944	1.052	0.769	0.42	0.831
AT5g21160	1.215	1.355	2.06	1.534	1.264	1.625	1.316	1.225
AT5g22250	1.047	0.658	0.978	0.633	1.084	0.665	0.362	0.782
AT5g22400	1.001	0.771	0.695	0.899	1.025	0.751	0.487	0.919
AT5g22410	1.059	0.827	1.829	1.456	1.43	1.62	2.379	1.158
AT5g22440	1.048	1.185	0.181	1.048	1.158	0.862	0.795	0.874

AT5g22750	0.999	1.101	0.455	1.014	0.738	0.777	1.019	1.206
AT5g22850	0.81	0.7	1.628	0.803	1.06	0.917	0.408	0.912
AT5g23050	0.935	1.43	0.926	1.293	1.041	1.448	2.187	1.219
AT5g23060	1.197	1.6	0.437	0.901	0.995	1.194	1.555	0.781
AT5g23220	0.887	1.139	0.371	1.037	0.946	0.76	0.813	0.947
AT5g23450	1.033	1.08	3.395	1.3585	1.163	1.296	1.746	1.194
AT5g23680	0.986	1.186	2.03	1.282	0.813	1.135	1.642	1.355
AT5g23850	1.249	1.0325	0.488	0.98	1.008	0.915	0.714	0.783
AT5g24550	1.099	1.55	2.24	1.547	1.145	1.088	1.144	1.029
AT5g24770	0.83	2.044	0.153	0.798	1.451	0.609	0.57	0.796
AT5g24800	0.979	1.59	2.161	0.96	1.099	1.75	1.366	1.852
AT5g24870	0.919	1.205	0.832	1.676	1.257	1.997	3.206	1.354
AT5g24950	1.156	1.254	0.363	1.055	0.911	1.164	1.488	1.161
AT5g25350	1.078	1.455	3.955	1.581	2.112	2.53	1.84	1.285
AT5g25780	1.064	1.216	2.032	1.1	0.993	1.03	1.026	0.937
AT5g25830	1.046	1.037	1.092	0.832	1.069	1.125	0.495	0.99
AT5g25880	0.855	0.412	0.955	0.933	0.651	0.762	0.546	1.035
AT5g26000	1.227	0.473	0.662	0.654	1.186	0.655	0.522	0.645
AT5g26210	1.304	0.989	0.854	0.635	1.003	0.652	0.407	0.747
AT5g26280	1.019	1.0675	0.217	1.033	0.67	0.779	1.284	1.136
AT5g26600	1.023	1.175	0.43	1.081	0.921	1.147	0.95	1.036
AT5g26610	0.791	1.365	2.797	1.138	1.002	1.566	2.807	1.662
AT5g26760	0.982	1.444	2.016	1.753	0.825	0.666	0.735	0.989
AT5g26860	0.88	1.176	0.867	1.105	1.341	1.677	2.268	1.27
AT5g27330	1.038	1.102	0.406	1.05	0.87	0.948	1.098	0.964
AT5g27350	0.977	0.898	0.661	0.597	0.979	0.69	0.43	0.869
AT5g27380	0.802	0.271	0.987	1.001	1.371	1.327	1.308	1.019
AT5g27640	1.133	2.015	1.854	1.13	0.968	1.336	2.094	1.194
AT5g27730	1.02	1.482	1.699	1.314	1.001	1.191	2.03	1.158
AT5g27770	0.993	1.039	0.609	0.881	0.881	0.842	0.424	0.898
AT5g27850	1.131	0.94	0.679	0.667	1.045	0.896	0.499	0.903
AT5g27870	0.853	0.467	0.222	0.79	0.985	0.911	0.774	0.981
AT5g27930	1.119	1.261	0.409	0.967	0.856	0.894	0.697	0.997
AT5g28040	1.002	1.122	0.27	0.951	1.045	0.986	0.952	0.95
AT5g28300	0.959	1.111	0.386	0.985	1.198	1.1	1.094	0.998
AT5g28740	0.921	0.761	0.4	0.81	0.715	0.696	0.533	0.891
AT5g28840	1.192	3.005	1.91	2.001	1.116	0.881	0.911	0.807
AT5g30510	1.385	0.889	0.469	0.883	0.947	1.14	1.501	1.458
AT5g35330	1.073	1.379	2.505	1.336	1.215	1.22	1.23	1.059
AT5g35460	0.916	0.672	2.305	0.972	1.301	1.258	1.457	1.245
AT5g35520	1.217	3.372	5.187	1.648	2.629	2.626	1.985	0.367
AT5g37130	1.183	1.358	0.359	1.139	0.993	1.067	0.897	1.029
AT5g38030	1.197	1.477	1.898	2.336	0.854	0.778	0.574	0.645
AT5g38290	0.906	1.283	2.716	1.17	1.462	1.441	1.48	0.589
AT5g38410	1.082	1.1075	0.169	0.9725	1.047	1.016	0.765	0.971
AT5g38420	1.015	1.1195	0.173	0.9575	0.969	0.988	0.82	0.954
AT5g38430	1.039	1.138	0.163	0.9515	0.959	0.986	0.737	0.969
AT5g38480	0.877	0.761	0.453	0.767	0.881	0.75	0.497	0.757
AT5g38530	0.969	0.8765	0.456	0.728	0.846	0.896	0.638	0.984
AT5g38820	1.8	3.237	1.852	2.045	0.923	0.995	0.791	1.097
AT5g38850	1.022	0.7	0.927	0.719	0.927	0.691	0.462	0.786

AT5g38870	0.715	1.302	1.708	1.064	0.725	1.237	2.233	1.701
AT5g39610	0.978	1.204	2.812	1.041	1.329	1.291	1.945	0.683
AT5g39900	1.032	1.158	0.204	1.038	0.98	0.601	0.638	0.842
AT5g40150	0.954	0.821	0.906	0.773	0.92	0.989	0.475	0.966
AT5g40270	1.032	2.06	1.773	1.251	0.975	1.201	1.273	1.211
AT5g40450	1.16	1.287	3.871	1.189	1.401	1.216	1.413	0.977
AT5g40520	1.17	1.191	2.805	1.519	1.026	1.142	1.228	0.979
AT5g41120	0.925	3.29	5.099	2.627	0.913	1.18	2.012	1.111
AT5g41230	1.127	1.072	1.046	1.161	2.018	2.073	2.491	0.893
AT5g41700	0.751	1.341	2.008	1.418	1.134	1.318	2.027	1.284
AT5g42020	1.475	0.31	0.336	0.476	1.063	0.563	0.224	0.413
AT5g42220	0.932	2.07	1.304	1.148	1.328	0.609	0.235	1.081
AT5g42720	0.966	1.378	2.185	1.251	1.08	1.369	1.967	1.39
AT5g42890	1.162	1.047	2.402	1.623	0.97	1.538	1.772	1.362
AT5g42950	1.212	1.544	3.919	1.575	1.07	1.582	1.943	1.179
AT5g43630	1.092	1.686	1.494	2.097	0.738	1.063	0.544	1.184
AT5g43830	0.754	0.711	0.475	0.829	1.262	1.386	0.726	1.8
AT5g44020	0.756	0.985	1.011	1.109	0.665	0.784	0.473	1.375
AT5g44120	1.183	0.854	0.864	0.915	1.122	1.083	0.489	0.686
AT5g44130	1.068	0.883	0.313	1.068	1.028	1.004	1.18	1.077
AT5g44180	0.973	1.193	0.213	0.964	0.946	1.037	0.955	1.187
AT5g44440	1.159	0.722	0.795	0.613	0.699	0.474	0.505	0.684
AT5g44790	1.148	0.908	3.701	0.943	1.207	0.848	0.73	1.453
AT5g45070	0.998	1.759	1.68	0.954	1.112	0.848	0.498	0.781
AT5g45190	0.912	1.263	2.418	0.942	1.077	1.378	2.619	1.31
AT5g46030	1.139	0.877	0.389	0.937	0.958	0.982	1.124	1.173
AT5g46180	1.203	1.722	5.801	1.412	1.093	1.565	2.667	1.403
AT5g46600	1.182	2.048	2.597	1.17	0.867	1.185	0.974	1.309
AT5g46630	0.791	1.019	0.484	0.753	1.131	0.963	0.621	0.938
AT5g46800	0.901	0.881	2.671	1.571	1.195	1.451	2.592	1.745
AT5g47040	1.031	0.879	1.873	1.658	1.178	1.471	2.246	1.636
AT5g47050	0.925	0.888	0.344	0.734	1.038	0.778	0.772	0.843
AT5g47390	1.06	0.85	0.889	0.984	0.802	0.767	0.356	0.755
AT5g47560	1.27	0.494	0.129	0.662	1.356	0.776	2.576	0.794
AT5g47700	0.99	1.149	0.435	0.921	1.082	0.922	0.7	0.781
AT5g48000	0.871	1.125	0.399	0.907	0.934	0.89	1.092	0.868
AT5g48160	1.16	1.73	2.367	1.29	1.114	1.42	3.394	1.558
AT5g48250	0.85	0.539	0.637	0.851	1.041	0.717	0.494	0.696
AT5g48390	1.041	1.253	3.273	1.539	1.253	1.39	1.629	1.238
AT5g48480	1.137	0.716	0.354	0.762	1.09	0.97	0.984	0.944
AT5g48880	1.081	1.063	0.23	0.912	0.941	0.825	0.53	0.854
AT5g49360	1.034	4.124	4.965	3.1375	0.935	1.841	3.286	1.264
AT5g49480	1.257	1.737	1.839	1.4125	0.892	0.495	0.504	0.881
AT5g49570	1.135	2.699	1.319	0.872	0.864	0.898	1.031	0.909
AT5g49720	1.282	1.427	2.58	1.404	1.238	1.118	1.135	1.246
AT5g49810	1.04	0.875	0.586	1.01	1.296	0.974	0.422	0.689
AT5g49830	0.78	0.285	0.591	0.773	0.756	1.153	0.55	0.765
AT5g49910	1.073	1.123	2.04	1.057	1.26	0.948	1.015	1.07
AT5g50200	0.947	0.815	0.56	0.789	0.811	0.395	0.372	0.501
AT5g50370	1.003	0.899	1.081	0.787	0.907	0.734	0.426	0.797
AT5g50460	0.977	1.234	1.09	0.891	0.73	0.7	0.378	0.869

AT5g50850	1.077	0.431	0.313	0.688	1.118	0.678	0.481	0.702
AT5g50920	1.46	0.9365	1.902	1.303	1.236	1.55	2.702	1.37
AT5g51020	0.928	1.904	4.454	1.837	1.002	1.42	2.58	1.542
AT5g51110	1.214	0.855	0.573	0.665	1.29	0.773	0.413	0.746
AT5g51140	0.93	1.038	2.798	1.243	0.732	1.628	6.894	1.323
AT5g51490	0.884	1.599	2.45	1.6	1.053	0.853	1.103	1.147
AT5g51800	1.162	0.758	2.275	1.416	1.07	1.384	2.03	1.188
AT5g51820	1.152	0.763	0.418	1.09	1.084	1.038	0.739	0.996
AT5g52040	1.104	0.979	2.566	1.075	1.216	1.308	2.115	0.991
AT5g52270	0.966	0.882	1.121	1.581	1	1.449	3.295	1.604
AT5g52510	0.934	1.541	0.708	1.33	0.767	0.82	2.031	1.276
AT5g52540	0.535	1.034	0.543	0.732	0.786	0.618	0.367	0.903
AT5g52820	0.955	0.642	0.251	0.822	0.844	0.784	0.731	0.805
AT5g52920	1.294	1.684	7.174	1.538	1.293	1.303	1.259	1.101
AT5g52990	1.055	0.929	2.018	1.507	1.206	1.304	1.556	1.104
AT5g53850	1.117	1.108	0.618	1.092	1.68	1.833	2.308	1.101
AT5g53970	1.243	3.883	5.184	1.889	1.044	1.097	0.866	0.78
AT5g54270	1.533	0.566	0.299	0.721	1.28	1.1	0.821	1.034
AT5g54370	0.84	0.679	0.884	1.075	1.261	0.829	0.332	0.727
AT5g54540	0.968	1.872	1.923	1.16	1.06	1.503	2.283	1.447
AT5g54600	0.883	0.623	0.18	0.973	0.912	1.329	1.012	1
AT5g54680	1.063	1.488	2.61	1.277	1.144	1.13	1.205	1.168
AT5g54900	1.272	2.027	2.006	2.856	0.895	1.171	1.26	1.399
AT5g54930	1.001	1.592	2.116	1.16	0.756	1.05	0.988	1.399
AT5g54960	0.934	0.932	0.292	1.0435	1.04	0.656	0.472	0.392
AT5g55130	0.905	1.367	1.656	0.89	0.825	0.978	2.05	1.28
AT5g55480	1.146	0.969	0.176	1.071	0.868	1.231	0.909	1.02
AT5g55710	1.012	0.53	0.544	0.976	0.978	1.229	2.172	1.263
AT5g55990	1.053	3.193	3.182	1.523	0.902	1.563	1.767	1.539
AT5g56000	1.293	0.757	0.751	0.599	0.849	0.418	0.332	0.437
AT5g56010	1.405	0.529	0.872	0.64	0.813	0.448	0.331	0.45
AT5g56030	1.145	0.619	0.703	0.6	0.72	0.438	0.361	0.503
AT5g56360	0.999	1.104	0.434	1.157	1.005	0.69	0.454	0.644
AT5g56550	0.984	1.598	1.184	1.072	1.069	1.519	2.052	1.272
AT5g57020	1.045	1.059	0.287	0.938	0.874	0.98	1.204	1.026
AT5g57040	0.879	0.8485	0.434	0.727	1.018	0.903	0.721	0.867
AT5g57350	1.099	1.634	2.128	1.478	0.844	0.905	1.395	1.009
AT5g57490	1.084	2.72	3.116	1.782	0.916	1.098	1.42	0.985
AT5g57580	0.879	2.158	1.255	1.457	0.937	1.219	1.489	1.138
AT5g57660	1.152	1.947	3.566	0.571	1.021	1.906	2.278	1.836
AT5g58100	1.095	0.836	7.483	0.938	1.341	1.073	1.091	0.807
AT5g58290	1.172	0.655	2.46	0.776	1.266	0.725	0.474	0.734
AT5g58300	1.089	1.187	0.362	1.01	1.23	1.453	0.687	1.71
AT5g58410	1.26	1.709	2.092	3.268	1.053	1.017	0.786	0.674
AT5g58420	0.887	0.559	3.62	1.246	1.196	0.866	0.587	0.757
AT5g58500	1.008	1.162	0.156	0.984	0.957	1.016	0.927	1.047
AT5g58570	0.926	1.02	2.244	1.101	0.92	1.184	1.432	1.141
AT5g58730	1.031	1.435	2.105	1.069	0.919	0.919	0.896	0.797
AT5g58800	1.075	0.949	1.119	0.791	0.707	0.649	0.434	0.777
AT5g59350	0.901	0.825	0.982	0.874	0.876	0.501	0.255	0.724
AT5g59780	0.96	1.306	1.599	0.766	1.179	1.637	3.331	1.676

AT5g59800	0.81	1.349	4.079	1.412	2.161	1.567	1.468	0.517
AT5g59850	0.947	0.893	0.319	0.806	0.964	0.749	0.449	0.81
AT5g59970	0.856	0.734	0.477	0.95	1.218	0.961	0.725	1.004
AT5g60420	1.067	1.01	0.46	1.076	1.051	1.137	1.158	0.996
AT5g60600	1.164	1.376	2.385	1.585	1.318	1.54	2.377	1.277
AT5g60660	0.931	2.095	2.1	1.155	0.873	1.092	1.1	1.511
AT5g60670	0.942	1.108	0.585	0.586	1.048	0.82	0.458	0.737
AT5g60680	1.066	0.61	0.725	0.407	1.135	1.47	1.475	1.189
AT5g60920	1.044	0.578	0.824	0.757	0.951	0.71	0.356	0.675
AT5g61000	1.128	0.619	0.354	0.691	1.095	1.064	0.823	0.994
AT5g61570	0.908	0.332	0.303	0.824	0.953	0.686	0.436	0.806
AT5g61590	0.861	0.397	0.453	0.7635	1.598	3.578	5.967	1.827
AT5g61600	1.107	1.191	1.718	1.043	1.374	3.426	4.111	1.379
AT5g61730	1.046	1.517	2.901	1.572	0.796	1.39	2.413	1.499
AT5g61780	1.087	0.648	2.462	0.714	1.264	0.656	0.529	0.701
AT5g61790	1.271	0.582	0.803	0.594	0.686	0.591	0.358	0.436
AT5g61810	0.998	1.169	0.392	1.064	0.964	1.037	1.289	1.066
AT5g61820	1.277	2.074	0.423	1.333	0.739	0.665	1.32	1.341
AT5g62300	1.126	0.914	0.23	0.687	0.575	1.087	1.267	1.308
AT5g62840	1.021	1.216	0.448	1.095	0.57	1.055	2.115	1.551
AT5g62920	0.935	2.552	2.626	1.039	0.832	0.507	0.481	0.457
AT5g63110	1.009	1.15	0.262	1.071	1.431	1.041	0.886	0.937
AT5g63190	1.056	2.658	5.758	2.741	1.169	1.747	3.584	2.006
AT5g63640	0.973	1.085	0.344	1.022	1.06	1.138	1.471	1.213
AT5g63780	1.111	1.815	0.765	1.474	1.164	0.749	0.376	0.676
AT5g63790	1.011	1.14	0.4	0.961	0.817	1.19	1.194	1.292
AT5g63840	0.936	1.164	0.357	1.211	1.153	1.087	1.035	1.217
AT5g63890	1.076	1.094	0.264	0.944	0.844	0.964	0.72	0.771
AT5g63910	1.04	1.64	2.028	1.157	0.975	1.128	1.38	1.139
AT5g64030	1.135	0.577	0.315	0.945	1.201	1.751	0.714	1.301
AT5g64100	0.945	0.981	0.734	0.943	0.514	0.921	2.182	1.593
AT5g64130	1.024	1.167	0.303	1.045	1.081	1.13	1.082	1.205
AT5g64260	0.95	1.463	3.369	1.903	1.332	2.074	2.894	1.578
AT5g64570	0.877	1.807	6.146	1.372	0.821	0.532	0.396	0.632
AT5g64620	1.03	0.917	2.341	1.004	1.198	1.064	1.472	1.124
AT5g64740	0.942	0.763	1.144	1.228	1.121	0.779	0.44	0.731
AT5g64970	1.232	2.499	2.514	1.316	0.819	1.007	1.067	1.227
AT5g65110	1.015	0.742	1.005	0.886	0.994	0.861	0.441	1.026
AT5g65260	1.178	1.493	1.702	1.087	0.822	1.075	0.455	0.884
AT5g65490	1.203	1.286	0.641	0.991	1.229	0.94	0.353	0.867
AT5g65650	1.053	0.846	0.865	0.758	0.921	0.799	0.465	0.886
AT5g65760	1.153	0.905	3.523	1.938	0.868	1.149	1.245	1.058
AT5g65820	1.153	1.695	6.785	1.439	0.844	1.392	2.378	1.339
AT5g66140	0.903	0.724	0.467	0.887	0.785	0.784	0.68	1.167
AT5g66330	0.961	1.454	4.993	1.583	2.02	2.366	1.806	0.916
AT5g66400	0.935	1.185	1.702	1.112	0.45	1.046	0.643	0.384
AT5g66690	0.944	0.791	0.449	0.904	0.943	0.67	0.469	0.791
AT5g67270	0.956	2.048	2.199	1.542	0.855	1.413	2.168	1.764
AT5g67290	0.893	1.249	1.898	1.148	0.719	0.739	0.333	0.711
AT5g67300	1	1.481	2.395	1.523	1.064	1.096	1.091	1.63
AT5g67380	1.015	1.432	1.098	0.809	0.982	1.03	2.073	1.347

AT5g67400	0.65	1.003	0.937	0.854	1.108	0.828	0.426	0.965
F21N10_3	1.087	1.101	0.406	1.036	1.055	1.268	1.311	1.055
H36005	1.247	0.82	0.761	0.465	1.37	0.598	0.33	0.624
H36329	1.12	0.606	0.649	0.859	0.985	0.727	0.407	0.851
H36348	1.672	0.688	0.724	0.755	0.816	0.796	0.467	0.941
H36553	1.288	1.009	0.845	1.376	1.021	1.713	3.901	1.881
H37134	0.983	1.803	1.287	1.736	1.139	1.715	2.569	1.638
H37582	1.325	1.482	0.829	1.065	1.143	2.925	5.164	2.395
H37709	1.023	1.996	2.608	1.769	0.912	1.085	1.584	1.12
H76756	1.152	0.964	0.473	1.116	0.858	0.857	0.752	0.746
N37889	1.05	1.143	0.381	1.029	0.86	0.901	1.049	1.343
N38252	0.895	2.176	2.195	1.909	0.826	1.032	1.29	1.427
N38398	0.899	0.842	1.58	1.076	1.072	1.532	2.401	1.696
N38540	1.189	1.435	0.283	1.191	0.965	0.932	0.457	0.981
N64963	1.243	0.721	0.388	0.877	1.095	1.508	1.891	1.208
N65723	0.955	0.982	1.028	0.867	1.088	0.552	0.469	0.707
N95849	1.114	1.738	4.084	1.688	1.564	1.508	1.227	0.374
N95928	1.168	2.108	1.675	1.638	1.045	1.24	1.591	1.217
N96797	1.051	1.955	5.524	2.25	2.145	1.747	1.222	0.279
N96841	1.203	0.832	1.551	2.137	0.88	0.903	0.81	1.072
N96900	1.114	1.257	0.292	1.152	1.165	0.853	0.67	0.956
N96922	1.021	1.406	0.336	1.14	1.094	1.011	0.982	1.036
N96928	1.096	1.204	0.284	1.087	0.974	1.027	1.007	1.012
N97214	0.982	1.115	1.71	1.24	0.866	1.25	2.174	1.63
NoName1	1.281	1.129	3.345	2.071	0.917	1.336	1.87	1.404
R30303	1.276	0.897	0.403	0.99	0.961	0.862	0.505	0.769
R30596	1.092	1.181	0.151	0.841	1.074	0.969	0.682	0.963
R65009	1.148	1.744	2.657	0.858	0.931	1.119	1.093	1.131
R90351	0.986	1.137	0.473	1.115	1.114	0.764	0.777	0.789
R90595	0.98	0.787	1.628	1.157	1.094	1.603	2.518	1.788
T22550	0.831	1.401	2.117	1.894	1.308	2.37	2.346	2.417
T42011	1.187	1.178	0.462	1.057	0.922	1.184	1.043	0.964
T43000	1.021	1.011	2.745	0.97	1.194	1.012	1.434	1.065
T43227	1.324	2.991	5.219	1.539	2.134	2.286	1.868	0.695
T43648	1.023	1.118	0.177	0.928	1.102	1.067	0.959	1.047
T45778	1.346	1.136	0.798	0.835	0.915	1.263	2.167	1.11
T45974	1.143	0.781	0.641	0.848	0.898	1.62	2.239	1.265
T46435	0.939	5.611	6.729	3.333	0.823	0.905	1.254	0.794
T76301	0.921	0.731	1.468	1.117	1.203	1.764	2.611	1.742
T76584	1.04	1.119	0.202	0.937	1.111	1.041	0.976	0.918
T88231	1.036	1.166	4.39	1.045	1.36	2.03	2.599	1.329
W43430	1.085	1.215	3.843	1.551	1.997	1.412	1.748	0.501
W43709	0.995	1.235	3.558	1.628	1.619	1.297	1.63	0.523