

[illegible]

AT1979880	1.2614	0.0020	1.6708	0.0019	1.6210	0.0055	1.4957	0.0258	1.5220	0.0090	2.0900	0.0002	1.2733	0.0149	1.8153	0.0103	2.3138	0.0000	2.4464	0.0001	-0.3860	0.6782	1.6266	0.0021	1.3600	0.0000	2.2349	0.0000
AT1979881	-2.0772	0.0093	-2.5892	0.0000	-1.0391	0.1731	-0.3147	0.7933	-1.4008	0.3989	-0.5418	0.4887	-2.2609	0.0000	-2.3882	0.0003	-1.6888	0.0045	-1.4789	0.0889	-1.8231	0.0656	-2.3399	0.0000	-1.4768	0.0048	-0.8050	0.0267
AT1979770	-0.5202	0.0000	-0.5202	0.0000	-1.2570	0.0000	-1.2570	0.0000	-0.4602	0.0000	-0.4602	0.0000	-0.4602	0.0000	-0.4602	0.0000	-0.4602	0.0000	-0.4602	0.0000	-0.4602	0.0000	-0.4602	0.0000	-0.4602	0.0000	-0.4602	0.0000
AT1980130	-2.1970	0.0020	-1.4600	0.0745	-0.7276	0.0557	-1.6454	0.0988	-0.9881	0.0869	-1.9556	0.0600	-2.0208	0.0043	-0.2121	0.9963	-2.3178	0.0000	-0.6238	0.8959	-0.0709	0.9356	-1.0789	0.0128	-0.6471	0.0606	-1.0301	0.1687
AT1981040	-0.5544	0.5043	-1.1730	0.1779	-0.6774	0.4549	-0.8187	0.3823	-0.7332	0.8059	-1.3785	0.1308	-0.6424	0.4469	-0.8779	0.4959	-2.0599	0.0006	-1.9006	0.0342	-1.6390	0.5981	-0.1187	0.9199	-0.0477	0.9853	-1.7723	0.0132
AT1980190	-0.9477	0.0358	-1.7350	0.0000	-2.2154	0.0000	-0.9370	0.0784	-1.5882	0.0002	-0.9041	0.0579	-1.6537	0.0000	-0.3189	0.8755	-0.7008	0.1231	-0.0400	0.9983	-1.1639	0.0177	-0.8938	0.0449	-0.0712	0.9474	-0.4949	0.2903
AT1980240	-1.0757	0.0102	-1.0641	0.1708	-0.5641	0.1708	-0.5641	0.1708	-0.5641	0.1708	-0.5641	0.1708	-0.5641	0.1708	-0.5641	0.1708	-0.5641	0.1708	-0.5641	0.1708	-0.5641	0.1708	-0.5641	0.1708	-0.5641	0.1708	-0.5641	0.1708
AT1980555	-0.8279	0.1850	-2.7118	0.0000	-2.6769	0.0000	-0.2903	0.7703	-2.9517	0.0000	-0.7076	0.3339	-2.7149	0.0000	-0.4857	0.0764	-1.5513	0.0000	-0.9187	0.5086	-0.0049	0.9431	-0.0741	0.3036	-0.8428	0.3405	-0.3883	0.3392
AT1980740	-1.1631	0.0235	-1.4229	0.0063	-1.7331	0.0011	-0.2316	0.2508	-0.2022	0.2352	-2.2495	0.0000	-1.3984	0.0039	-1.1915	0.0476	-1.4456	0.0049	-0.9882	0.2052	0.0171	0.9915	-1.2654	0.0122	-0.9626	0.4735	-0.7096	0.1538
AT1980820	-1.0841	0.0827	-1.0841	0.0827	-1.0841	0.0827	-1.0841	0.0827	-1.0841	0.0827	-1.0841	0.0827	-1.0841	0.0827	-1.0841	0.0827	-1.0841	0.0827	-1.0841	0.0827	-1.0841	0.0827	-1.0841	0.0827	-1.0841	0.0827	-1.0841	0.0827
AT1980840	-2.0170	0.0000	-2.0170	0.0000	-2.0170	0.0000	-2.0170	0.0000	-2.0170	0.0000	-2.0170	0.0000	-2.0170	0.0000	-2.0170	0.0000	-2.0170	0.0000	-2.0170	0.0000	-2.0170	0.0000	-2.0170	0.0000	-2.0170	0.0000	-2.0170	0.0000
AT1980870	-0.6934	0.0300	-0.6934	0.0300	-0.6934	0.0300	-0.6934	0.0300	-0.6934	0.0300	-0.6934	0.0300	-0.6934	0.0300	-0.6934	0.0300	-0.6934	0.0300	-0.6934	0.0300	-0.6934	0.0300	-0.6934	0.0300	-0.6934	0.0300	-0.6934	0.0300
AT1980920	-1.0120	0.1202	-0.8742	0.5562	-0.3157	0.7538	-0.1052	0.9383	-0.4026	0.9836	-0.9411	0.1906	-1.3234	0.0287	-0.0160	0.9498	-0.6332	0.3638	-0.1428	0.8810	-2.5781	0.0000	-1.1520	0.0764	-0.3087	0.8186	-0.4501	0.4816
AT1980980	-0.2542	0.4515	-1.7941	0.0000	-1.7941	0.0000	-1.7941	0.0000	-1.7941	0.0000	-1.7941	0.0000	-1.7941	0.0000	-1.7941	0.0000	-1.7941	0.0000	-1.7941	0.0000	-1.7941	0.0000	-1.7941	0.0000	-1.7941	0.0000	-1.7941	0.0000
AT1981070	-0.8490	0.2140	-0.3799	0.0000	-0.8490	0.2140	-0.3799	0.0000	-0.8490	0.2140	-0.3799	0.0000	-0.8490	0.2140	-0.3799	0.0000	-0.8490	0.2140	-0.3799	0.0000	-0.8490	0.2140	-0.3799	0.0000	-0.8490	0.2140	-0.3799	0.0000
AT1980890	-0.1890	0.3926	-3.2669	0.0000	-3.2669	0.0000	-0.4892	0.5559	-1.8490	0.0000	-0.2996	0.6636	-4.0052	0.0000	-0.1461	0.9538	-4.8802	0.4720	-0.1702	0.9565	-0.3449	0.9882	-0.1890	0.7969	-0.0939	0.9437	-0.3390	0.2191
AT1981020	-0.8480	0.2835	-1.3614	0.0633	-0.8107	0.4010	-0.0959	0.9484	-1.3650	0.1232	0.8736	0.0634	-0.5487	0.1798	-1.9587	0.0427	-0.8288	0.0875	-0.4227	-0.8479	0.8658	-0.0749	0.5969	-2.2109	0.0031	-0.5963	0.0408	
AT1980520	3.0615	0.0000	1.9159	0.0999	0.7959	0.0456	0.0456	0.7959	1.2274	0.0748	2.5255	0.0000	1.2456	0.0000	2.2685	0.0000	2.6808	0.0776	3.4909	0.0000	2.7265	0.0011	2.2483	0.0004	2.5688	0.0000	1.5999	0.0038
AT1980530	-0.2602	0.4733	-2.0625	0.0700	-3.5541	0.1534	-0.9339	0.6675	-0.8867	0.4433	-1.0952	0.1202	-0.5879	0.4888	-1.5351	0.1003	-1.6975	0.0275	-2.2403	0.0075	-0.6209	0.6310	-0.3887	0.7014	-1.3635	-0.1453	-1.5753	0.0271
AT1980930	-2.0288	0.0001	-1.3870	0.0236	-1.0324	0.1602	-0.9120	0.2602	-0.9374	0.2291	-0.2487	0.7503	-2.6997	0.0000	-1.0053	0.2020	-0.6892	0.2807	-0.4037	0.7343	-1.5321	0.0275	-2.2901	0.0000	-1.3608	0.0312	-1.3090	0.0052
AT1980290	-0.7243	0.0000	-1.0099	0.1886	-1.4622	0.0628	-0.7554	0.4560	-1.5153	0.0512	-1.5667	0.0334	-3.2505	0.0000	-1.9521	0.0009	-1.5665	0.0218	-0.7066	0.5437	-2.6798	0.0001	-2.4588	0.0001	-1.1141	0.1963	-0.7866	0.2279
AT1980350	-2.2298	0.0034	-1.9972	0.0455	-1.4092	0.1063	-0.2378	0.8623	-1.0649	0.2830	-1.0176	0.2183	-1.4675	0.0026	-1.4409	0.2596	-1.7232	0.0480	-0.7012	0.9439	-0.8366	0.4564	-1.3314	0.0270	-1.6790	0.0373	-1.1846	0.0828
AT1980370	-0.5368	0.2097	-0.5176	0.0001	-0.5629	0.4889	-1.1374	0.1196	-0.4949	0.9784	-1.3267	0.0120	-1.0731	0.0518	-0.6987	0.4476	-2.2396	0.0000	-0.8932	0.2091	-0.0846	0.9565	-0.0233	1.1757	0.0135	-0.7352	-0.0803	0.0411
AT1980380	-1.3801	0.0736	-1.9321	0.4321	-0.5339	0.7689	-1.9134	0.2333	-1.2386	0.1898	-0.8189	0.0000	-1.8020	0.0000	-0.7041	0.9949	-1.0862	0.1546	-1.2554	0.2047	-1.7614	0.0355	-2.2094	0.0011	-1.0847	0.2727	-0.0418	0.9257
AT1980430	-0.4521	0.4317	-0.2637	0.7036	-0.7795	0.2116	-0.0618	0.9157	-0.4996	0.4546	-0.9056	0.1100	-0.5451	0.3088	-0.0163	0.9940	-0.8665	0.1010	-0.4322	0.9069	-0.0052	1.0000	-0.5694	0.1176	-0.8069	0.2209	-2.2752	0.0000
AT1980490	-0.4316	0.4501	-1.3621	0.0509	-0.8120	0.6100	-0.4706	0.4162	0.8889	-1.3895	0.0100	-0.3413	0.4948	-0.9385	0.1420	-1.9331	0.0001	-2.0161	0.1114	-0.0253	0.9917	-0.5171	0.3684	-2.5609	0.0000	-2.7550	0.0000	
AT1980450	-0.2444	0.7953	-0.4698	0.4508	-0.8637	0.1767	-2.4153	0.0027	-0.5555	0.8811	-1.3375	0.0595	-0.2580	0.7718	-0.6515	0.6474	-0.9566	0.4438	-0.4074	0.7343	-0.6507	0.5349	-0.4189	0.6439	-1.4339	0.0853	-0.7203	0.0011
AT1980470	-0.9231	0.2628	-1.7629	0.0236	-1.5414	0.0919	-1.2349	0.0099	-1.5144	0.7240	-1.6624	0.0478	-0.7185	0.3880	-2.2347	0.0444	-2.0159	0.0009	-0.9503	0.6487	-0.6394	0.5981	-1.2280	0.1284	-0.8631	-1.1509	-0.6830	0.1681
AT1980410	-1.2110	0.0000	-2.7958	0.0000	-2.3242	0.0000	-2.4231	0.0000	-0.4817	0.5788	-2.6822	0.0000	-2.3181	0.0000	-2.6755	0.0000	-3.1541	0.0000	-2.3395	0.0000	-1.8146	0.0007	-1.4853	0.0000	-0.4232	0.0000	-2.6976	0.0000
AT1980480	-1.8514	0.0000	-1.8514	0.0000	-1.8514	0.0000	-1.8514	0.0000	-1.8514	0.0000	-1.8514	0.0000	-1.8514	0.0000	-1.8514	0.0000	-1.8514	0.0000	-1.8514	0.0000	-1.8514	0.0000	-1.8514	0.0000	-1.8514	0.0000	-1.8514	0.0000
AT1980490	-1.1458	0.0145	-0.3545	0.0047	-1.3524	0.0039	-1.1740	0.0486	-0.9983	0.0602	-1.6429	0.0013	-0.2136	0.0815	-1.1807	0.0282	-0.5050	0.0000	-1.2002	0.0954	-0.3238	0.7981	-0.0895	0.0675	-4.1500	-0.0047	-0.3667	0.0000
AT1980475	-0.4732	0.4781	-1.8714	0.0002	-1.0393	0.0003	-1.3970	0.0548	-0.7882	0.3555	-1.3478	0.0336	-1.0206	0.0711	-1.0900	0.1398	-1.5559	0.0007	-0.1862	0.9884	-0.0887	0.9460	-0.3932	0.5822	-2.1947	0.0001	-1.9572	0.0003
AT1980520	-0.0285	0.9802	-0.0732	0.9537	-0.1701	0.9837	-0.1525	0.9184	-3.1506	0.0000	-0.3509	0.6959	-0.4417	0.6220	-0.4047	0.8344	-0.3512	0.7116	-0.4480	0.9504	-0.0285	0.4631	-0.0323	0.9810	-1.3719	0.0423	-1.0294	0.9001
AT1980540	-1.8545	0.0000	-1.8545	0.0000	-1.8545	0.0000	-1.8545	0.0000	-1.8545	0.0000	-1.8545	0.0000	-1.8545	0.0000	-1.8545	0.0000	-1.8545	0.0000	-1.8545	0.0000	-1.8545	0.0000	-1.8545	0.0000	-1.8545	0.0000	-1.8545	0.0000
AT1980590	-0.7799	0.2207	-1.5968	0.0000	-0.9489	0.2723	-1.0002	0.2389	-0.5229	0.6247	-1.6847	0.0305	-1.1755	0.0447	-1.0937	0.1738	-2.1375	0.0003	-0.6201	0.5643	-0.9209	0.5237	-0.6995	0.1347	-1.1892	0.1035	-1.6931	0.0000
AT1980635	-2.2783	0.0001	-2.8750	0.0000	-1.9285	0.0000	-1.8242	0.0156	-0.7935	0.3637	-1.4376	0.0103	-1.7035	0.0024	-1.2742	0.0030	-0.9207	0.0007	-2.6894	0.0000	-1.5720	0.0011	-2.3970	0.0000	-2.5232	0.0002	-1.3310	0.0002
AT1980695	-0.2514	0.0003	-0.4781	0.2365	-1.2346	0.2652	0.0000	-0.7697	0.4051	-1.0924	0.0000	-0.9999	0.1722	-2.5393	0.0000	-2.4615	0.0000	-2.4564	0.0000	-2.5979	0.0000	-2.0214	0.0003	-0.0427	0.5319	-2.1117	0.0002	
AT1980702	-0.0368	0.0000	-0.0368	0.0000	-0.0368	0.0000	-0.0368	0.0000	-0.0368	0.0000	-0.0368	0.0000	-0.0368	0.0000	-0.0368	0.0000	-0.0368	0.0000	-0.0368	0.0000	-0.0368	0.0000	-0.0368	0.0000	-0.0368	0.0000	-0.0368	0.0000
AT1980775	-1.7801	0.3417	-0.																									

ATG30370	-2.7523	0.0001	-2.2338	0.0008	-1.6540	0.0648	-0.7138	0.3396	-1.0926	0.0124	-0.7814	0.3787	-1.3482	0.0643	-2.8070	0.0001	-1.5407	0.0430	-2.9758	0.0001	-2.7435	0.0004	-2.1522	0.0008	-2.8004	0.0278	-1.5706	0.0243	
ATG30380	-0.7462	0.1875	-1.0274	0.0644	-1.0611	0.1039	-0.9600	0.1840	-0.9079	0.0995	-1.5555	0.0008	-0.7524	0.1760	-0.4474	0.9252	-1.9370	0.0003	-0.6834	0.1496	-0.8055	0.9444	-0.8625	0.2453	-1.0238	0.1188	-2.2144	0.0000	
ATG30390	-1.6076	0.0000	-1.2885	0.0000	-1.0605	0.0000	-0.8400	0.0000	-0.6200	0.0000	-0.4000	0.0000	-0.1800	0.0000	-0.0600	0.0000	-0.0400	0.0000	-0.0200	0.0000	-0.0100	0.0000	-0.0050	0.0000	-0.0025	0.0000	-0.0012	0.0000	
ATG30395	-1.9233	0.0000	-1.5870	0.0001	-1.3560	0.0003	-1.1224	0.0100	-2.0000	0.0000	-0.0000	0.0000	-1.5445	0.0042	-1.9007	0.0000	-2.0010	0.0000	-1.5038	0.0000	-1.6160	0.0000	-1.4544	0.8344	-2.2240	0.0000	-1.8520	0.0000	
ATG30398	-1.8728	0.0001	-1.2848	0.0013	-1.4017	0.0011	-1.0012	0.0130	-1.1500	-1.8637	0.0002	-1.5976	0.0000	-1.3746	0.0000	-1.5788	0.0003	-1.6437	0.0009	-0.7525	0.5672	-0.5552	0.4587	-1.6478	0.0006	-2.2197	0.0000	-1.2996	0.0063
ATG30398	-0.7829	0.1350	-0.7307	0.2034	-0.6054	0.7379	-0.3384	0.7479	-0.2431	0.3978	0.5290	0.3756	-0.1574	0.8057	-0.2103	0.8759	-0.6990	0.1884	-0.7533	0.3279	0.6818	0.3189	-0.5512	0.3333	-0.3498	0.7120	-2.1026	0.0000	
ATG30398	-1.0778	0.0078	-0.8065	-0.0001	-1.1300	0.0764	-0.8000	0.0000	-0.6000	0.0000	-0.4000	0.0000	-0.2000	0.0000	-0.1000	0.0000	-0.0500	0.0000	-0.0250	0.0000	-0.0125	0.0000	-0.0062	0.0000	-0.0031	0.0000	-0.0015	0.0000	
ATG30398	-1.2085	0.0031	-1.7494	0.0000	-0.9965	0.0888	-1.2412	0.0140	-0.8899	0.2166	-0.6100	0.2110	-2.0415	0.0000	-1.7773	0.0000	-1.4831	0.0004	-1.1537	0.0169	-0.2031	0.7198	-0.0441	0.0000	-1.6339	0.0001	-0.8879	0.0264	
ATG30398	-2.0943	0.0000	-1.3873	0.0034	-0.8372	0.5068	-0.6317	1.3907	-0.4030	0.5568	-1.3218	0.0104	-2.0900	0.0000	-0.9888	0.0275	-1.0213	0.0321	-0.9449	0.6474	-0.7265	0.2235	-2.1151	0.0000	-0.5099	0.4791	-1.1400	0.0019	
ATG30398	-2.5606	0.0000	-0.7438	0.7329	-0.1062	0.0109	-0.8029	0.2424	-0.1143	0.0317	0.0753	0.1676	-1.9932	0.0003	-0.7220	0.4028	-0.5971	0.1265	-0.9202	0.2292	-0.5029	0.5339	-0.0414	0.0001	-0.4316	0.6401	-0.4361	0.4130	
ATG30398	-1.8795	0.0000	-1.4846	0.0000	-1.1407	0.0415	-0.8000	0.0000	-0.6000	0.0000	-0.4000	0.0000	-0.2000	0.0000	-0.1000	0.0000	-0.0500	0.0000	-0.0250	0.0000	-0.0125	0.0000	-0.0062	0.0000	-0.0031	0.0000	-0.0015	0.0000	
ATG30398	-1.9696	0.0010	-2.2685	0.0001	-1.4624	0.0414	-0.7827	0.0213	-0.5065	0.6037	-1.4249	0.0380	-1.6326	0.0007	-1.4782	0.0044	-2.3953	0.0001	-1.5689	0.0033	-1.3438	0.0801	-2.1295	0.0001	-0.4316	0.0192	-2.262	0.0001	
ATG30398	-1.0272	0.0007	-0.7448	0.3394	-1.0648	0.1982	-0.3234	0.7773	-1.4034	0.0068	-0.6869	0.3604	-1.7152	0.0048	-1.7005	0.0177	-1.1330	0.0945	-1.0373	0.2736	-1.6009	0.0354	-1.8123	0.0042	-2.1605	0.0001	-0.9176	0.1405	
ATG30398	-2.2542	0.0000	-1.9007	0.0001	-1.2096	0.0868	-1.1144	0.1004	-1.2910	0.0002	-1.4000	0.0127	-1.7948	0.0008	-1.7905	0.0002	-2.9965	0.0000	-2.0798	0.0001	-1.0199	0.9122	-2.4887	0.0000	-2.3181	0.0001	-1.8296	0.0101	
ATG30398	-2.3232	0.0000	-2.3246	0.0000	-1.2414	0.0879	-1.4088	0.0000	-0.9400	0.0000	-0.6800	0.0000	-0.4200	0.0000	-0.2600	0.0000	-0.1600	0.0000	-0.0900	0.0000	-0.0500	0.0000	-0.0300	0.0000	-0.0150	0.0000	-0.0075	0.0000	
ATG30398	-1.5549	0.0041	-1.1464	0.0065	-0.6845	0.3820	-0.6600	0.2168	-1.6296	0.0057	-0.3473	0.6494	-1.2087	0.0000	-1.4946	0.0153	-0.7528	0.2281	-1.1819	0.1000	-0.9324	0.2134	-1.9996	0.0001	-1.5766	0.0082	-0.6320	0.2831	
ATG30398	-0.6214	0.4819	-1.9239	0.0295	-0.8007	0.6042	-1.0613	0.3963	-0.2370	0.9360	-2.2865	0.0062	-0.2864	0.7836	-1.2810	0.2173	-2.2824	0.0003	-0.3803	0.9566	-0.0776	0.9665	-0.3588	0.7255	-0.1579	0.4935	-0.2623	0.0000	
ATG30398	-0.4167	0.6378	-0.9437	0.4759	-1.0289	0.0000	-0.3908	0.0000	-0.0846	0.9691	-0.6875	0.2000	-0.5254	0.5224	-0.6537	0.7894	-0.1277	0.9971	-0.0696	0.9824	-2.2222	0.0003	-0.6814	0.4124	-0.0443	0.0000	-2.3398	0.0003	
ATG30398	-2.0837	0.0000	-1.2117	0.0342	-1.6993	0.0029	-1.5642	0.0360	-1.7980	0.0037	-2.4770	0.0000	-2.1392	0.0000	-2.3754	0.0000	-1.9532	0.0003	-0.9660	0.1924	-0.2888	0.7698	-1.2709	0.0195	-1.7314	0.0000	-1.9733	0.0008	
ATG30398	-1.3809	0.0000	-1.2474	0.0001	-1.1471	0.0002	-1.1377	0.0001	-1.4181	0.0000	-1.5872	0.0000	-2.0916	0.0000	-2.0612	0.0000	-1.4440	0.0000	-1.3835	0.0000	-0.3365	0.4657	-1.1806	0.0000	-1.8182	0.0000	-1.4061	0.0000	
ATG30398	-0.7879	0.8113	-0.6810	0.1164	-0.3846	0.5799	-0.4273	0.5752	-0.3837	0.6918	-1.0298	0.0387	0.3372	0.5237	-0.5378	0.4999	-1.3471	0.0038	-0.8429	0.1838	-0.3147	0.8992	-0.2610	0.6652	-0.8326	0.1551	-2.2846	0.0000	
ATG30398	-1.3935	0.0144	-0.9303	0.1320	-0.1261	0.9026	-0.4658	0.1603	-0.2782	0.3137	0.5090	0.4710	-2.1211	0.0001	-1.0713	0.1419	-0.6293	0.3205	-0.1800	0.9564	-0.9082	0.2447	-1.2075	0.0383	-1.3329	0.7609	-1.0257	0.1419	
ATG30398	-2.0306	0.0001	-2.6803	0.0001	-1.6418	0.0795	-1.1590	0.1203	-0.4052	0.9717	-1.4709	0.0747	-2.3891	0.0009	-2.0218	0.0128	-2.5127	0.0009	-1.8379	0.0478	-1.7396	0.2410	-2.5381	0.0000	-1.9262	0.0401	-1.0263	0.0293	
ATG30398	-0.7390	0.1820	-0.3204	-0.1494	-0.5362	-0.7244	-0.4855	-0.6230	-0.3879	-0.3604	-0.1316	-1.6809	-0.0711	-0.7077	-0.3640	-0.9247	-0.4245	-2.2454	-0.0104	-0.6275	-0.6136	-0.7346	-0.4497	-0.3463	-0.4055	-0.7487	-0.1049	-0.1434	
ATG30398	-2.7473	0.0000	-0.5643	0.3037	-0.8314	-0.1388	-0.3398	-0.4844	-0.6488	-0.1234	-1.0338	0.0778	-2.5748	0.0000	-0.9848	-0.1436	-0.5368	-0.1464	-0.8927	-0.2547	-0.6051	-0.3843	-2.6666	0.0000	-0.6906	-0.8841	-0.4564	-0.7813	
ATG30398	-1.6492	0.0000	-1.2885	0.0000	-1.4412	0.0000	-1.1719	0.2201	-0.9775	0.3489	-1.1107	0.0000	-1.2681	0.0000	-1.6996	0.0154	-1.3706	0.0000	-1.1837	0.0131	-1.3564	0.2019	-0.8119	0.8713	-0.7793	0.3201	-1.2448	0.0001	
ATG30398	-0.1286	0.8998	-0.4834	-0.6142	-1.1258	0.0323	-0.3554	-0.7805	-0.1282	-0.8456	-0.7066	NA	-0.0252	0.9794	-0.0251	0.9632	-1.2297	0.0000	-1.1185	-0.1794	-0.3205	-0.8311	-0.0000	-0.0000	-0.5066	-0.7089	-2.9396	0.0004	
ATG30398	-0.3378	0.1344	-0.3378	0.1344	-1.4553	0.0694	-0.7548	-0.4566	-0.7475	-0.4872	-1.1226	-0.1653	-0.0432	-0.9605	-1.5567	-0.0462	-0.8632	-0.2297	-0.5214	-0.6818	-0.5021	-0.5186	-1.1758	0.0881	-2.3912	0.0008	-2.2825	0.0005	
ATG30398	-0.4148	0.0005	-1.0549	0.0000	-1.2877	0.0007	-1.3376	0.0012	-1.3891	0.0007	-1.1457	-0.0034	-1.3350	0.0009	-1.4341	0.0018	-1.7105	0.0000	-0.8077	-0.1235	-0.3484	-0.5994	-1.4230	0.0006	-1.4378	0.0012	-2.1591	0.0000	
ATG30398	-1.6077	0.0100	-1.0856	-0.1245	-0.9891	-0.0000	-0.1259	-0.0794	-0.1257	-0.0794	-0.1257	-0.0794	-0.1257	-0.0794	-0.1257	-0.0794	-0.1257	-0.0794	-0.1257	-0.0794	-0.1257	-0.0794	-0.1257	-0.0794	-0.1257	-0.0794	-0.1257	-0.0794	
ATG30398	-2.0660	0.0003	-1.5948	0.0654	-0.0497	0.8686	-0.0997	0.9396	-0.0606	0.3077	-0.4072	-0.9522	-2.4727	0.0000	-0.7650	-0.4033	-1.3148	-0.0324	-0.8879	-0.3104	-1.0064	-0.2092	-1.0133	0.0779	-0.4040	-0.7276	-0.1535	0.8177	
ATG30398	-1.1838	0.0098	-0.2663	0.0000	-1.0253	0.0468	-0.3657	0.8204	-2.3460	0.0000	-0.4580	-0.4202	-1.5797	0.0000	-1.8864	0.0000	-1.2874	0.0005	-1.2438	-0.0038	-1.3555	-0.0123	-1.6227	0.0003	-2.1640	0.0000	-1.6021	0.0006	
ATG30398	-1.6578	0.0129	-0.4955	0.0293	-0.8965	-0.3482	-0.6111	-0.5025	-1.1598	-0.2212	-0.4500	NA	-1.6996	0.0000	-0.9295	-0.5620	-1.0745	-0.4485	-1.1538	-0.2113	-1.0868	-0.2522	-0.7024	-0.0032	-1.0252	-0.0881	-0.7156	0.2743	
ATG30398	-0.2186	0.0000	-1.4412	0.0000	-1.1719	0.2201	-0.9775	0.3489	-1.1107	0.0000	-1.2681	0.0000	-1.6996	0.0154	-1.3706	0.0000	-1.1837	0.0131	-1.3564	0.2019	-0.8119	0.8713	-0.7793	0.3201	-1.2448	0.0001	-1.2448	0.0001	
ATG30398	-1.7482	0.0008	-1.7320	0.0005	-1.0452	0.3256	-1.3535	0.2219	-1.5997	0.0001	-0.3540	-0.8891	-1.9256	0.0004	-1.4468	-0.0756	-0.2343	-0.7885	-0.9843	-0.3322	-1.1270	-0.2195	-2.0009	0.0007	-1.6391	-0.0298	-0.4219	0.5484	
ATG30398	-0.2843	0.0000	-0.2843	0.0000	-0.2843	0.0000	-0.2843	0.0000	-0.2843	0.0000	-0.2843	0.0000	-0.2843	0.0000	-0.2843	0.0000	-0.2843	0.0000	-0.2843	0.0000	-0.2843	0.0000	-0.2843	0.0000	-0.2843	0.0000	-0.2843	0.0000	
ATG30398	-0.1938	0.7133	-2.5177	0.0000	-0.7858	-0.4580	-0.3100	-0.8942	-0.1593	-0.9318	-0.1410	NA	-0.4250	-0.6274	-0.4389	-0.8210	-0.9937	-0.4872	-0.4286	-0.7517	-0.4484	-0.0023	-1.4484	-0.0984	-0.7745	-0.7430	-0.4488	0.7684	
ATG30398	-0.1947	0.1009	-0.3478	-0.4978	-0.3478	-0.4978	-0.3478	-0.4978	-0.3478	-0.4978	-0.3478	-0.4978	-0.3478	-0.4978	-0.3478	-0.4978	-0.3478	-0.4978	-0.3478	-0.4978	-0.3478	-0.4978	-0.3478	-0.4978	-0.3478	-0.4978	-0.3478	-0.4978	
ATG30398	-0.1947	0.1009	-0.3478	-0.																									

AT3647350	0.4136	0.2711	-0.7931	0.0000	-1.4857	0.0000	-1.0380	0.9995	-0.7635	0.0000	-0.2235	0.6444	-0.9021	0.0000	0.0034	0.9979	-0.3452	0.7999	0.0864	0.9316	0.8142	0.0507	0.3727	0.3816	-0.0646	0.9407	0.0338	0.0959	
AT3647360	0.1939	0.6586	-0.5324	0.0000	-0.3764	0.0000	-0.1897	0.8743	-0.4739	0.0000	0.1330	0.8354	-0.5909	0.0000	-0.3453	0.6028	-0.0943	0.8434	0.3156	0.8899	-0.1434	0.8719	0.0219	0.6204	-0.5944	0.2031	-0.4768	0.1720	
AT3647370	-0.2549	0.0000	-0.1605	0.0000	-0.1605	0.0000	-0.1605	0.0000	-0.1605	0.0000	-0.1605	0.0000	-0.1605	0.0000	-0.1605	0.0000	-0.1605	0.0000	-0.1605	0.0000	-0.1605	0.0000	-0.1605	0.0000	-0.1605	0.0000	-0.1605	0.0000	
AT3647380	-0.2195	0.0023	-0.2170	0.0034	-0.2510	0.0082	-0.3380	0.1883	-0.0421	0.7522	-1.7640	0.0007	-1.9401	0.0058	-0.0585	0.0133	-0.2772	0.0000	-0.1326	0.2666	-1.4804	0.1156	-0.2282	0.0000	-0.8201	0.0261	-0.2678	0.0000	
AT3647390	-0.2656	0.0000	-0.1635	0.0000	-0.1648	0.0000	-0.7733	0.1654	-0.1870	0.0000	-0.6785	0.1484	-0.2173	0.0000	-0.6888	0.2245	-0.5352	0.2227	-0.1509	0.8888	-0.0466	0.7074	-0.1321	0.0008	-0.7077	0.1757	-0.8037	0.0279	
AT3647400	-0.2656	0.0000	-0.2997	0.0000	-0.2481	0.0003	-0.0374	0.2740	-0.1580	0.0662	-0.2058	0.0001	-1.6873	0.0024	-0.7055	0.0079	-0.3380	0.0000	-1.0474	0.0333	-1.4235	0.0433	-0.2345	0.0000	-0.9259	0.0016	-1.9672	0.0004	
AT3647410	-0.4751	0.0000	-0.4425	0.0000	-0.4405	0.0000	-0.4405	0.0000	-0.4405	0.0000	-0.4405	0.0000	-0.4405	0.0000	-0.4405	0.0000	-0.4405	0.0000	-0.4405	0.0000	-0.4405	0.0000	-0.4405	0.0000	-0.4405	0.0000	-0.4405	0.0000	
AT3647420	-0.9873	0.0154	-0.1730	0.0000	-0.7050	0.0000	-0.7095	0.1742	-0.4870	0.0000	-0.4706	0.3363	-0.7767	0.0000	-0.2658	0.7816	-0.6411	0.1423	-0.1848	0.8468	-0.5002	0.3340	-0.8766	0.0505	-0.3605	0.6166	-0.9979	0.1303	
AT3647430	-0.5921	0.2606	-0.0406	0.0000	-0.8352	0.0000	0.4210	0.3775	-0.3397	0.0000	-0.6005	0.2134	-0.4370	0.0000	-0.1841	0.8816	-0.7461	0.1397	-0.0849	0.0699	-0.2306	0.7386	-0.8446	0.5109	-0.6785	0.2990	-0.4766	0.0000	
AT3647440	-0.7699	0.2816	-0.0883	0.0000	-0.4961	0.0026	-0.1190	0.9329	-0.1319	0.0848	-0.2121	0.8238	-0.4546	0.5388	-0.7215	0.5444	-0.1312	0.7031	-0.0601	0.9983	-0.0379	0.9441	-0.2315	0.8037	-0.1347	0.9396	-0.8477	0.0000	
AT3647450	-0.4841	0.0000	-0.4841	0.0000	-0.4841	0.0000	-0.4841	0.0000	-0.4841	0.0000	-0.4841	0.0000	-0.4841	0.0000	-0.4841	0.0000	-0.4841	0.0000	-0.4841	0.0000	-0.4841	0.0000	-0.4841	0.0000	-0.4841	0.0000	-0.4841	0.0000	
AT3647460	-0.0771	0.3202	-0.0483	0.9533	-0.1761	0.8450	-0.2880	0.3383	-0.7392	0.3210	-0.3058	0.6517	-0.7190	0.0017	-0.3045	0.8127	-0.3233	0.0056	-0.0490	0.6616	-0.8179	0.2490	-0.5141	-0.0401	-0.2500	-0.8219	-0.2182	0.0000	
AT3647470	0.7601	0.0690	-0.7744	0.0000	-0.0747	0.0000	-0.6419	0.2320	-0.5946	0.1309	-0.9978	0.0001	-1.3389	0.0020	-0.7497	0.0627	-0.9318	0.0519	-0.2380	0.0022	-0.5112	0.4780	-0.6983	-0.6278	0.1511	-0.6200	0.2605	-0.2697	0.0000
AT3647480	-0.3980	0.0000	-0.3980	0.0000	-0.3980	0.0000	-0.3980	0.0000	-0.3980	0.0000	-0.3980	0.0000	-0.3980	0.0000	-0.3980	0.0000	-0.3980	0.0000	-0.3980	0.0000	-0.3980	0.0000	-0.3980	0.0000	-0.3980	0.0000	-0.3980	0.0000	
AT3647490	-0.1760	0.0000	-0.7038	0.0000	-0.7038	0.0000	-0.7038	0.0000	-0.7038	0.0000	-0.7038	0.0000	-0.7038	0.0000	-0.7038	0.0000	-0.7038	0.0000	-0.7038	0.0000	-0.7038	0.0000	-0.7038	0.0000	-0.7038	0.0000	-0.7038	0.0000	
AT3647500	-0.2054	0.8287	-0.0783	0.4387	-0.6054	0.5585	-0.6749	0.5387	-0.8113	0.6157	-2.0972	0.0000	-0.6839	0.3648	-0.7406	0.5532	-0.2395	0.0031	-0.8959	0.4151	-0.1762	0.9083	-0.1588	0.8786	-1.3433	0.1156	-1.0028	0.0016	
AT3647510	-0.5335	0.5505	-0.2877	0.0012	-0.3627	0.0020	-0.4616	0.7030	-0.2375	0.0021	-1.1639	0.1778	-0.2646	0.0001	-0.2774	0.8959	-0.3772	0.0796	-0.7846	0.5508	-0.3347	0.8279	-0.1947	0.8596	-0.8055	-0.8059	-0.1027	0.1598	
AT3647520	-0.2095	0.0000	-0.1000	0.0000	-0.1000	0.0000	-0.1000	0.0000	-0.1000	0.0000	-0.1000	0.0000	-0.1000	0.0000	-0.1000	0.0000	-0.1000	0.0000	-0.1000	0.0000	-0.1000	0.0000	-0.1000	0.0000	-0.1000	0.0000	-0.1000	0.0000	
AT3647530	-0.5311	0.5473	-0.1527	0.0046	-0.1501	0.0063	-0.1628	0.0887	-0.1659	0.9180	-0.2073	0.0000	-0.4686	0.9584	-1.1482	0.7794	-0.2024	0.0000	-0.1549	0.0973	-0.6681	0.5636	-0.4945	-0.5461	-0.0499	-0.7218	-0.1482	0.0081	
AT3647540	-0.1136	0.8513	-0.0182	0.7738	-0.0580	0.8460	-0.4480	0.5052	-0.0779	0.8460	-0.6277	0.2123	-0.2852	0.7200	-0.3312	0.7220	-0.8248	0.0683	-0.9373	0.0852	-0.5487	-0.4819	-0.2280	0.6940	-0.9326	-0.6027	-0.5580	0.0000	
AT3647550	0.2605	0.7866	-0.2167	0.0032	-0.1808	0.8974	-0.8744	0.4361	-0.5551	0.6918	-0.5017	NA	0.5566	0.0134	-0.0318	0.9963	-0.1072	0.2028	-0.3966	0.8183	-0.1713	0.9460	-0.1693	0.0270	-0.1081	-0.1657	-0.7653	0.3045	
AT3647560	-0.2478	0.0004	-0.2338	0.0000	-0.0735	0.2485	-0.4749	0.1297	-0.0109	0.9998	-0.1440	0.0870	-0.5126	0.0000	-0.2483	0.6414	-0.0000	-0.2640	0.0001	-0.1309	0.0104	-0.2243	0.0100	-0.7392	0.0001	-0.2094	-0.0022	-0.1285	0.1034
AT3647570	-0.7699	0.2816	-0.0883	0.0000	-0.4961	0.0026	-0.1190	0.9329	-0.1319	0.0848	-0.2121	0.8238	-0.4546	0.5388	-0.7215	0.5444	-0.1312	0.7031	-0.0601	0.9983	-0.0379	0.9441	-0.2315	0.8037	-0.1347	0.9396	-0.8477	0.0000	
AT3647580	-0.4841	0.0000	-0.4841	0.0000	-0.4841	0.0000	-0.4841	0.0000	-0.4841	0.0000	-0.4841	0.0000	-0.4841	0.0000	-0.4841	0.0000	-0.4841	0.0000	-0.4841	0.0000	-0.4841	0.0000	-0.4841	0.0000	-0.4841	0.0000	-0.4841	0.0000	
AT3647590	-0.0771	0.3202	-0.0483	0.9533	-0.1761	0.8450	-0.2880	0.3383	-0.7392	0.3210	-0.3058	0.6517	-0.7190	0.0017	-0.3045	0.8127	-0.3233	0.0056	-0.0490	0.6616	-0.8179	0.2490	-0.5141	-0.0401	-0.2500	-0.8219	-0.2182	0.0000	
AT3648000	0.7601	0.0690	-0.7744	0.0000	-0.0747	0.0000	-0.6419	0.2320	-0.5946	0.1309	-0.9978	0.0001	-1.3389	0.0020	-0.7497	0.0627	-0.9318	0.0519	-0.2380	0.0022	-0.5112	0.4780	-0.6983	-0.6278	0.1511	-0.6200	0.2605	-0.2697	0.0000
AT3648010	-0.3980	0.0000	-0.3980	0.0000	-0.3980	0.0000	-0.3980	0.0000	-0.3980	0.0000	-0.3980	0.0000	-0.3980	0.0000	-0.3980	0.0000	-0.3980	0.0000	-0.3980	0.0000	-0.3980	0.0000	-0.3980	0.0000	-0.3980	0.0000	-0.3980	0.0000	
AT3648020	-0.1760	0.0000	-0.7038	0.0000	-0.7038	0.0000	-0.7038	0.0000	-0.7038	0.0000	-0.7038	0.0000	-0.7038	0.0000	-0.7038	0.0000	-0.7038	0.0000	-0.7038	0.0000	-0.7038	0.0000	-0.7038	0.0000	-0.7038	0.0000	-0.7038	0.0000	
AT3648030	-0.2054	0.8287	-0.0783	0.4387	-0.6054	0.5585	-0.6749	0.5387	-0.8113	0.6157	-2.0972	0.0000	-0.6839	0.3648	-0.7406	0.5532	-0.2395	0.0031	-0.8959	0.4151	-0.1762	0.9083	-0.1588	0.8786	-1.3433	0.1156	-1.0028	0.0016	
AT3648040	-0.5335	0.5505	-0.2877	0.0012	-0.3627	0.0020	-0.4616	0.7030	-0.2375	0.0021	-1.1639	0.1778	-0.2646	0.0001	-0.2774	0.8959	-0.3772	0.0796	-0.7846	0.5508	-0.3347	0.8279	-0.1947	0.8596	-0.8055	-0.8059	-0.1027	0.1598	
AT3648050	-0.2095	0.0000	-0.1000	0.0000	-0.1000	0.0000	-0.1000	0.0000	-0.1000	0.0000	-0.1000	0.0000	-0.1000	0.0000	-0.1000	0.0000	-0.1000	0.0000	-0.1000	0.0000	-0.1000	0.0000	-0.1000	0.0000	-0.1000	0.0000	-0.1000	0.0000	
AT3648060	-0.5311	0.5473	-0.1527	0.0046	-0.1501	0.0063	-0.1628	0.0887	-0.1659	0.9180	-0.2073	0.0000	-0.4686	0.9584	-1.1482	0.7794	-0.2024	0.0000	-0.1549	0.0973	-0.6681	0.5636	-0.4945	-0.5461	-0.0499	-0.7218	-0.1482	0.0081	
AT3648070	-0.1136	0.8513	-0.0182	0.7738	-0.0580	0.8460	-0.4480	0.5052	-0.0779	0.8460	-0.6277	0.2123	-0.2852	0.7200	-0.3312	0.7220	-0.8248	0.0683	-0.9373	0.0852	-0.5487	-0.4819	-0.2280	0.6940	-0.9326	-0.6027	-0.5580	0.0000	
AT3648080	0.2605	0.7866	-0.2167	0.0032	-0.1808	0.8974	-0.8744	0.4361	-0.5551	0.6918	-0.5017	NA	0.5566	0.0134	-0.0318	0.9963	-0.1072	0.2028	-0.3966	0.8183	-0.1713	0.9460	-0.1693	0.0270	-0.1081	-0.1657	-0.7653	0.3045	
AT3648090	-0.2478	0.0004	-0.2338	0.0000	-0.0735	0.2485	-0.4749	0.1297	-0.0109	0.9998	-0.1440	0.0870	-0.5126	0.0000	-0.2483	0.6414	-0.0000	-0.2640	0.0001	-0.1309	0.0104	-0.2243	0.0100	-0.7392	0.0001	-0.2094	-0.0022	-0.1285	0.1034
AT3648100	-0.7699	0.2816	-0.0883	0.0000	-0.4961	0.0026	-0.1190	0.9329	-0.1319	0.0848	-0.2121	0.8238	-0.4546	0.5388	-0.7215	0.5444	-0.1312	0.7031	-0.0601	0.9983	-0.0379	0.9441	-0.2315	0.8037	-0.1347	0.9396	-0.8477	0.0000	
AT3648110	-0.4841	0.0000	-0.4841	0.0000	-0.4841	0.0000	-0.4841	0.0000	-0.4841	0.0000	-0.4841	0.0000	-0.4841	0.0000	-0.4841	0.0000	-0.4841	0.0000	-0.4841	0.0000	-0.4841	0.0000	-0.4841	0.0000	-0.4841	0.0000	-0.4841	0.0000	
AT3648120	-0.0771	0.3202	-0.0483	0.9533	-0.1761	0.8450	-0.2880	0.3383	-0.7392	0.3210	-0.3058	0.6517	-0.7190	0.0017	-0.3045	0.8127	-0.3233	0.0056	-0.0490	0.6616	-0.8179	0.2490	-0						

AT4021380	-1.4851	-0.0113	-0.5373	0.0001	-0.7892	-0.4161	-0.0252	0.5924	-0.0007	-1.4806	-0.0161	-1.4544	-0.0289	-1.1796	-0.2053	-0.3561	-0.0004	-1.5442	-0.0689	-1.4807	-0.0807	-1.5223	-0.0567	-1.4645	-0.1574	-1.7794	-0.0061
AT4021381	-1.8841	-0.0005	-2.5922	0.0000	-0.8750	-0.2280	-0.0683	0.9574	-1.6130	-0.0017	-0.6130	-0.0017	-0.6130	-0.0017	-0.6130	-0.0017	-0.6130	-0.0017	-0.6130	-0.0017	-0.6130	-0.0017	-0.6130	-0.0017	-0.6130	-0.0017	
AT4021400	-1.7511	-0.0000	-2.5922	0.0000	-0.8750	-0.2280	-0.0683	0.9574	-1.6130	-0.0017	-0.6130	-0.0017	-0.6130	-0.0017	-0.6130	-0.0017	-0.6130	-0.0017	-0.6130	-0.0017	-0.6130	-0.0017	-0.6130	-0.0017	-0.6130	-0.0017	
AT4021500	-2.5339	0.0000	-0.9730	0.2140	-0.2488	-0.6857	-1.3403	-0.0834	-0.6519	-0.2166	-1.3389	-0.0794	-1.5965	0.0000	-1.0053	-0.0255	-0.3404	-0.4529	-0.0486	-0.0929	-1.0840	-0.0280	-2.2693	0.0000	-2.3888	0.0000	
AT4021580	-1.7230	0.0065	-0.5185	0.5242	-0.1554	-0.0383	0.7343	-0.4916	-0.1738	-0.8629	-0.0982	N/A	2.2233	0.0002	0.2278	0.9125	-0.0500	-0.9630	-0.0838	-0.4664	-1.3611	-0.2139	1.9366	0.0000	0.9170	0.3769	
AT4021600	-1.2998	0.0415	-0.2797	0.7704	-0.9498	-0.2588	-0.6847	-0.4812	-0.2485	-0.8309	-0.3735	-0.6496	-0.9124	-0.8143	-0.8060	-0.4453	-0.4248	-0.7573	-0.7943	-0.4336	-0.9891	-0.2482	-0.0144	0.9994	-0.3527	-0.2890	
AT4021840	-1.7113	0.0000	-0.4281	0.4324	-0.4005	-0.4004	-0.1504	-0.0400	-0.3499	-0.3877	-0.1100	-0.3499	-0.3877	-0.1100	-0.3499	-0.3877	-0.1100	-0.3499	-0.3877	-0.1100	-0.3499	-0.3877	-0.1100	-0.3499	-0.3877	-0.1100	
AT4021850	-0.9189	-0.1339	-1.8364	-0.0051	-1.1270	-0.1170	-1.2154	-0.1356	-0.8373	-0.0484	-1.2603	-0.0526	-1.1229	-0.0502	-1.2593	-0.0477	-1.2711	-0.0001	-1.0370	-0.1957	-0.5133	-0.9296	-0.9794	0.1129	-0.5242	-0.6066	
AT4021903	-1.7123	-0.3818	-0.2139	0.0010	-1.1134	-0.2384	-0.7000	-0.3318	-0.4245	-0.6857	-1.4599	-0.0716	-1.1137	-0.1187	-0.5071	-0.4405	-1.2428	-0.0011	-0.1835	-0.9366	-0.5133	-0.6725	-0.9395	0.2390	-1.4606	-0.0978	
AT4021920	-1.2529	-0.0742	-0.2010	-0.0004	-1.3948	-0.0934	-0.5765	-0.3264	-0.4845	-0.7258	-0.5416	-0.5246	-0.8484	-0.0044	-0.2938	-0.3057	-1.3957	-0.0209	-0.0997	-0.9602	-0.5336	-0.8681	-1.1488	0.1118	-0.8796	-0.8441	
AT4021940	-1.2106	0.0000	-0.281	0.4324	-0.4005	-0.4004	-0.1504	-0.0400	-0.3499	-0.3877	-0.1100	-0.3499	-0.3877	-0.1100	-0.3499	-0.3877	-0.1100	-0.3499	-0.3877	-0.1100	-0.3499	-0.3877	-0.1100	-0.3499	-0.3877	-0.1100	
AT4022000	-2.0517	0.0000	-0.8939	-0.0772	-1.0058	-0.0663	-1.0288	-0.0875	-1.2857	-0.0007	-1.0717	-0.0359	-2.0451	0.0000	-1.3639	-0.0044	-1.2914	-0.0031	-0.4486	-0.9568	-0.0044	-0.9139	-1.5682	0.0004	-0.8791	-0.2889	
AT4022212	-1.3783	0.0489	-1.1134	0.1409	-0.1407	-0.0167	-0.6276	-0.7309	-1.1361	-0.1112	-0.4458	-0.2621	-0.8423	-0.2393	-1.1142	-0.0028	-1.4227	-0.0042	-0.2419	-0.0004	-2.1105	-0.0044	-1.3139	-0.0644	-1.2923	-0.1138	
AT4022238	-1.0801	-0.7013	-0.0713	-0.0806	-1.0713	-0.0806	-1.0713	-0.0806	-1.0713	-0.0806	-1.0713	-0.0806	-1.0713	-0.0806	-1.0713	-0.0806	-1.0713	-0.0806	-1.0713	-0.0806	-1.0713	-0.0806	-1.0713	-0.0806	-1.0713	-0.0806	
AT4022412	0.3455	0.0000	-0.7417	-0.0002	-0.9985	-0.0000	-0.3204	-0.8259	-0.1275	-0.0001	-0.3204	-0.8259	-0.1275	-0.0001	-0.3204	-0.8259	-0.1275	-0.0001	-0.3204	-0.8259	-0.1275	-0.0001	-0.3204	-0.8259	-0.1275	-0.0001	
AT4022690	-0.4031	-0.5371	-0.3005	0.0000	-0.9002	-0.1994	-0.4876	-0.5753	-0.5267	-0.5649	-1.0108	-0.3005	-0.5317	-0.3705	-0.7728	-0.3517	-1.8750	-0.0004	-0.0035	-0.6212	-0.5321	-0.5236	-0.5235	-0.4098	-0.9552	-0.1667	
AT4022770	1.6717	0.0005	-1.2123	-0.0233	-1.7919	-0.0004	-1.2016	-0.0633	-2.4403	0.0000	-1.8408	-0.0005	-1.9598	0.0000	-2.4002	0.0000	-1.8407	-0.0245	-1.7163	-0.0015	-1.0302	-0.1225	-1.7819	-0.0002	-1.0311	-0.0935	
AT4022840	-0.4667	-0.4919	-1.7298	-0.0001	-0.6649	-0.3053	-0.7092	-0.2527	-0.9025	-0.2020	-1.6152	-0.0114	-0.9040	-0.9142	-0.5631	-0.7934	-1.0553	-0.0000	-1.5008	-0.0583	-0.4556	-0.6417	-0.9381	-0.6510	-0.2679	-0.7732	
AT4023030	-2.1411	0.0000	-0.8939	-0.0339	-0.9630	-0.1317	-0.9773	-0.1130	-0.9633	-0.0281	-0.6314	-0.1571	-1.7399	0.0000	-0.8287	-0.0374	-0.9465	-0.0178	-1.0527	-0.0395	-0.8024	-0.0586	-2.1046	0.0000	-0.4582	-0.4367	
AT4023130	-0.6867	-0.4183	-0.0001	-0.0000	-0.9232	-0.3643	-1.0976	-0.3026	-0.0883	-0.9727	-0.3031	-1.0443	-0.1701	-1.1533	-0.2796	-1.4066	-0.0003	-0.5103	-0.7404	-0.2065	-0.8654	-0.0413	-1.9733	-0.2672	-1.8116	-0.6204	
AT4023140	-1.6138	-0.0314	-2.0407	-0.0011	-1.0641	-0.2913	-1.4838	-0.1394	-0.5021	-0.7309	-1.5013	-0.0747	-1.4740	-0.0459	-1.3035	-0.2031	-2.3470	-0.0016	-1.0525	-0.3617	-0.9292	-0.5516	-2.0235	0.0000	-1.4790	-0.1038	
AT4023150	-1.2943	-0.0105	-2.2794	-0.0004	-1.6480	-0.0616	-1.5566	-0.0933	-0.9031	-0.2349	-1.7447	-0.0416	-1.9000	-0.0077	-1.9460	-0.0205	-2.0999	-0.0002	-1.3466	-0.1896	-2.1332	-0.1689	-1.9783	-0.0077	-1.7513	-0.0381	
AT4023170	-1.1836	-0.0001	-2.1988	-0.0002	-0.9959	-0.3008	-1.0432	-0.2170	-0.4051	-0.7308	-1.4445	-0.0510	-1.2021	-0.0434	-1.3410	-0.0654	-2.2147	-0.0002	-1.3771	-0.0671	-0.5338	-0.7431	-1.3024	-0.0360	-1.2466	-0.076	
AT4023190	-1.5356	-0.0000	-1.6933	0.0000	-0.6960	-0.0334	-1.7703	-0.0464	-1.1144	-0.0000	-0.5909	-0.0888	-2.2819	0.0000	-2.1303	-0.0000	-1.8699	-0.0000	-1.4489	-0.0000	-1.2990	-0.0000	-2.1323	-0.0000	-1.5267	-0.0000	
AT4023200	-0.4599	-0.3594	-0.6602	-0.0001	-0.9057	-0.3319	-1.2705	-0.1834	-0.7979	-0.4726	-1.7588	-0.0348	-1.0999	-0.1439	-1.4016	-0.1205	-2.8054	-0.0000	-1.0660	-0.1122	-0.2028	-0.8984	-0.8118	-0.5113	-0.9154	-0.3549	
AT4023210	-1.3384	0.0000	-0.9172	-0.0162	-2.2344	-0.0000	-0.9172	-0.0162	-2.2344	-0.0000	-0.9172	-0.0162	-2.2344	-0.0000	-0.9172	-0.0162	-2.2344	-0.0000	-0.9172	-0.0162	-2.2344	-0.0000	-0.9172	-0.0162	-2.2344	-0.0000	
AT4023230	-1.4215	-0.0458	-2.2502	-0.0111	-0.9527	-0.1148	-1.5129	-0.1000	-0.7272	-0.9237	-1.3280	-0.0933	-1.7751	-0.0708	-1.2777	-0.1702	-1.9324	-0.0007	-1.1041	-0.2757	-0.8072	-0.4351	-1.6546	-0.0193	-1.2616	-0.1518	
AT4023260	-0.5655	-0.3394	-1.2224	-0.0000	-0.9184	-0.1750	-0.5341	-0.5195	-0.9177	-0.4887	-1.1093	-0.0611	-0.6934	-0.2530	-1.4677	-0.1019	-1.9170	-0.0002	-0.7832	-0.3248	-0.4345	-0.6136	-0.9022	-0.3193	-0.4859	-0.1698	
AT4023280	-1.8995	-0.0009	-2.6127	-0.0000	-1.7194	-0.3695	-1.6087	-0.0262	-1.4265	-0.0342	-1.2808	-0.0252	-2.0279	0.0000	-2.0469	-0.0009	-2.0165	-0.0007	-1.7170	-0.0087	-1.6449	-0.0155	-1.5705	-0.0011	-1.8811	-0.0001	
AT4023310	-1.2608	-0.0000	-0.9172	-0.0162	-2.2344	-0.0000	-0.9172	-0.0162	-2.2344	-0.0000	-0.9172	-0.0162	-2.2344	-0.0000	-0.9172	-0.0162	-2.2344	-0.0000	-0.9172	-0.0162	-2.2344	-0.0000	-0.9172	-0.0162	-2.2344	-0.0000	
AT4023300	-2.0003	-0.0006	-2.5323	-0.0000	-1.4622	-0.0415	-1.1413	-0.1732	-1.1056	-0.1680	-1.5564	-0.0228	-2.0779	0.0003	-1.4828	-0.0001	-2.3033	-0.0002	-2.0028	-0.0032	-1.8908	-0.0018	-2.5905	0.0000	-1.5815	-0.0206	
AT4023810	-0.2486	-0.0000	-2.5521	0.0000	-1.2182	-0.0016	-1.3711	-0.0124	-0.7597	-0.2997	-1.1863	-0.0748	-2.1350	0.0000	-1.6267	-0.0005	-2.0657	-0.0000	-1.5822	-0.0014	-0.6481	-0.5237	-2.4790	0.0000	-1.5390	-0.0121	
AT4023870	-2.5298	-0.1637	-1.0796	-0.1250	-1.1714	-0.1336	-0.5551	-0.5564	-0.3666	-0.8202	-1.5951	-0.0043	-1.0247	-0.1050	-0.6116	-0.6071	-1.5752	-0.0128	-1.1182	-0.1397	-0.0469	-0.9994	-0.6456	-0.3841	-0.4745	-0.0454	
AT4024110	-1.1142	-0.0000	-0.9172	-0.0162	-2.2344	-0.0000	-0.9172	-0.0162	-2.2344	-0.0000	-0.9172	-0.0162	-2.2344	-0.0000	-0.9172	-0.0162	-2.2344	-0.0000	-0.9172	-0.0162	-2.2344	-0.0000	-0.9172	-0.0162	-2.2344	-0.0000	
AT4024150	-1.7660	-0.0027	-0.5863	-0.7132	-0.3676	-0.6887	-0.1950	-0.8678	-0.3636	-0.7361	-0.4701	-0.5215	-2.0242	-0.0003	-0.0864	-0.9631	-0.8842	-0.1548	-0.8115	-0.3630	-0.0041	-0.9497	-1.8371	-0.0105	-0.3597	-0.7598	
AT4024300	-0.6023	-0.4045	-1.7831	-0.0004	-1.0142	-0.7028	-0.3450	-0.8360	-0.7164	-0.7400	-0.5112	-0.7695	-0.2488	-0.6975	-0.5342	-0.2022	-0.0008	-0.3650	-0.7769	-0.2084	-0.8739	-0.3803	-0.6408	-0.8940	-0.3175	-0.1175	
AT4024700	-2.7181	-0.0001	-1.9111	-0.0174	-1.8618	-0.0001	-1.9610	-0.0489	-1.6852	-0.0014	-2.1228	-0.0017	-2.0238	0.0000	-1.8203	-0.0017	-2.9251	-0.0001	-0.4901	-0.8841	-0.2260	-0.8739	-1.6086	-0.0103	-1.4487	-0.0163	
AT4024750	-0.5074	-0.2805	-0.4465	-0.4938	-0.2434	-0.2167	-0.4938	-0.2434	-0.2167	-0.4938	-0.2434	-0.2167	-0.4938	-0.2434	-0.2167	-0.4938	-0.2434	-0.2167	-0.4938	-0.2434	-0.2167	-0.4938	-0.2434	-0.2167	-0.4938	-0.2434	
AT4024970	-0.6215	-0.7166	-1.7633	-0.0006	-1.2903	-0.0111	-1.9628	-0.2040	-0.3663	-0.7120	-1.4409	-0.0124	-0.9536	-0.0643	-0.5514	-0.5597	-1.3393	-0.0120	-1.1000	-0.0088	-0.4364	-0.0666	-0.7476	-0.1884	-1.1178	-0.2127	
AT4025070	-2.8478	-0.0000	-2.7083	0.0000	-1.4294	-0.0012	-1.8630	-0.0038	-0.9784	-0.1713	-1.2122	-0.0046	-2.5109	0.0000	-2.3315	-0.0000	-2.4800	-0.0000	-1.8285	-0.0027	-1.7951	-0.0005	-2.9409	0.0000	-2.5145	-0.0000	
AT4025100	-1.9913	0.0000	-0.6205	-0.3226	-0.4736	-0.3338	-0.1134	-0.7254	-1.1626	-0.0717	-1.1722	-0.0818	-2.9799	0.0000	-0.1602	-0.9172	-0.7172	-0.8721	-0.6719	-0.8279							

AT502800	0.1036	0.8713	-0.7354	-0.1348	-0.4334	0.1310	-0.5399	0.6869	-0.9781	0.0522	0.1335	0.8210	-0.2086	0.8623	-1.0557	0.0229	-0.6484	0.3466	-0.3032	0.6907	0.1319	0.8424	-0.7793	0.1788	-2.1058	0.0000		
AT502810	1.1558	0.0638	-1.2541	0.0001	1.2587	0.0781	-0.3333	0.8933	0.2451	0.8877	-1.4894	0.0318	0.9018	0.0471	0.3438	0.8212	-0.9252	0.1546	-0.6880	0.5106	-0.3078	0.7419	1.3955	0.0359	-0.2899	0.8638	-1.2374	0.0319
AT502820	0.7171	0.0000	-0.7171	0.0000	-0.7171	0.0000	-0.7171	0.0000	-0.7171	0.0000	-0.7171	0.0000	-0.7171	0.0000	-0.7171	0.0000	-0.7171	0.0000	-0.7171	0.0000	-0.7171	0.0000	-0.7171	0.0000	-0.7171	0.0000	-0.7171	0.0000
AT502830	2.0608	0.0000	-0.4067	0.3332	0.5192	0.2530	-0.4552	0.9474	0.1340	0.8629	-0.1224	0.9790	1.2130	0.0001	-0.0428	0.9725	-0.0690	0.9957	-0.5779	0.8478	0.1472	0.8271	1.3895	0.0000	-0.0352	0.8728	0.1856	-0.0319
AT502840	-1.7481	0.0029	0.0281	0.8217	2.2444	0.0003	0.1193	0.8693	-0.1336	0.0000	0.3982	0.9614	2.7894	0.0000	1.5480	0.0254	0.3854	0.0644	1.3024	0.0967	0.1586	0.8794	2.8726	0.0000	0.1375	0.0000	1.9780	0.0000
AT502850	1.3760	0.0010	-0.3996	0.8686	0.3838	0.6339	-0.3568	0.7039	-1.1236	0.0997	0.0425	0.9624	-2.2844	0.0000	0.3899	0.5070	-0.1271	0.8651	-0.0385	0.1304	-0.0285	0.1639	-1.8227	0.0006	-0.6446	0.4879	-0.8398	0.1390
AT502860	AT502870	1.2489	0.0010	0.4724	0.3084	1.0007	0.0167	0.0474	0.9100	1.4484	0.0000	0.3993	1.0940	0.0001	1.161	0.0000	0.3841	0.0545	1.1441	0.0000	0.3868	0.1474	0.7960	2.2618	0.0000	0.0461	0.2184	0.0000
AT502880	0.4253	0.6331	1.6213	0.0449	2.0499	0.0440	1.4139	0.1717	-0.0077	0.9061	2.1490	0.0000	-0.0788	0.9396	0.8826	0.4968	1.7732	0.0219	1.3755	0.1823	-0.4040	0.7677	0.1448	0.8854	0.5127	0.7256	1.9726	0.0007
AT502890	-1.8814	0.0004	-1.8814	0.0004	-1.8814	0.0004	-1.8814	0.0004	-1.8814	0.0004	-1.8814	0.0004	-1.8814	0.0004	-1.8814	0.0004	-1.8814	0.0004	-1.8814	0.0004	-1.8814	0.0004	-1.8814	0.0004	-1.8814	0.0004	-1.8814	0.0004
AT502900	1.8523	0.0999	0.8173	0.3989	0.1615	0.8083	0.0070	0.9977	1.1101	0.2748	-0.0062	NA	1.4921	0.0047	0.8301	0.5214	-0.0792	0.9248	1.1101	0.0094	2.6188	0.0009	1.0496	0.1922	0.5135	0.1719	-0.0549	0.9503
AT502910	-0.4140	0.0110	0.4140	0.0110	0.4140	0.0110	0.4140	0.0110	0.4140	0.0110	0.4140	0.0110	0.4140	0.0110	0.4140	0.0110	0.4140	0.0110	0.4140	0.0110	0.4140	0.0110	0.4140	0.0110	0.4140	0.0110	0.4140	0.0110
AT502920	-1.8142	0.0126	0.3121	0.5884	-0.1112	0.9185	-0.2782	0.8400	-0.7323	0.5433	-0.6309	0.4889	-2.1422	0.0001	-1.6972	0.0484	-0.2871	0.7983	-0.1236	0.9160	-0.7174	0.0422	-1.4129	0.0630	-0.5363	0.6840	-1.1660	0.0979
AT502930	-1.4069	0.0000	-2.0998	0.0000	0.2938	0.7147	0.1708	0.0042	-1.0275	0.0000	-0.7606	0.1382	2.9778	0.0000	1.8689	0.0004	-1.3042	0.0034	-1.0171	0.0031	-0.9849	0.1884	1.3445	0.0000	1.7983	0.0000	-1.1358	0.0063
AT502940	-2.8798	0.0000	-1.8601	0.0001	-1.8601	0.0001	-1.8601	0.0001	-1.8601	0.0001	-1.8601	0.0001	-1.8601	0.0001	-1.8601	0.0001	-1.8601	0.0001	-1.8601	0.0001	-1.8601	0.0001	-1.8601	0.0001	-1.8601	0.0001	-1.8601	0.0001
AT502950	-1.2454	0.0001	-0.3822	0.0001	-0.7400	0.0000	-1.2587	0.1475	-0.4447	0.0001	-1.3495	0.0004	-2.2890	0.0000	-1.4454	0.0000	-0.9130	0.0000	-1.0471	0.0030	-1.1761	0.0000	0.3862	0.1187	-1.3312	0.0420	-2.0000	0.0000
AT502960	-1.5134	0.0481	-1.5134	0.0486	-1.7717	0.0303	-1.0324	0.3013	-2.4164	0.0009	-2.6654	0.0005	-1.8547	0.0047	-1.2673	0.0005	-2.0147	0.0048	-1.0507	0.3187	-0.7027	0.5187	0.0801	0.9887	-0.6461	0.9965	-1.9861	0.0001
AT502970	-2.2864	0.0007	-2.3550	0.0006	-0.7665	0.4435	-1.9074	0.0707	-0.9913	-1.8936	0.0317	-1.9324	0.0036	-2.1153	0.0050	-2.9003	0.0000	-1.5457	0.0784	-1.7123	0.0040	-2.2922	0.0007	-1.4536	0.0852	-0.9653	0.1422	0.0000
AT502980	0.2256	0.0072	0.1959	0.0447	0.5884	0.0454	0.6046	0.2044	-0.2100	0.2957	-0.7528	0.0046	0.0778	0.2261	0.0000	0.3523	-0.8798	0.0000	-1.2881	0.0076	-1.2659	0.0055	0.1848	0.0855	-2.2486	0.0000	-0.1229	0.0000
AT502990	-1.3070	0.0564	-2.4600	0.0001	-1.2726	0.1473	-1.5513	0.0737	-0.6030	0.6051	-1.9052	0.0092	-1.5369	0.0185	-2.0634	0.0039	-2.7216	0.0000	-1.5339	0.1203	-0.8054	0.4330	-1.6012	0.1808	-1.7527	0.0134	-2.4124	0.0004
AT503000	-0.8795	0.1122	-0.3838	0.0187	-0.9684	0.0187	-0.9684	0.0187	-0.9684	0.0187	-0.9684	0.0187	-0.9684	0.0187	-0.9684	0.0187	-0.9684	0.0187	-0.9684	0.0187	-0.9684	0.0187	-0.9684	0.0187	-0.9684	0.0187	-0.9684	0.0187
AT503010	0.5664	0.4678	-2.1030	0.0021	-0.8840	0.1360	1.3364	0.1377	-0.7128	0.5089	-1.4776	0.0519	0.9427	0.1693	1.2955	0.1354	-1.7111	0.0138	-0.9883	0.5571	-0.8819	0.3615	1.0740	0.1463	-1.5571	0.0457	-1.4588	0.0249
AT503020	0.0235	0.8729	0.2861	0.3666	0.3335	0.6131	-0.0620	0.5083	0.1938	0.8877	-0.4538	0.0464	0.0312	0.9377	0.0521	0.8745	-0.9933	0.2239	-0.1339	0.0865	-0.0480	0.2295	0.0633	-0.4218	0.0927	-2.0532	0.0000	
AT503030	2.5473	0.0001	0.0184	0.0000	1.0542	0.0000	2.6974	0.0004	2.8875	0.0000	3.1016	0.0000	2.7582	0.0000	0.9742	0.0000	0.7315	0.0000	0.5845	0.0000	-0.5845	0.0000	1.0705	0.0000	0.9314	0.0000	1.3473	0.0000
AT503040	-2.0359	0.0000	-1.2480	0.0000	-1.0323	0.0000	-1.6622	0.0258	-0.9135	0.1089	-0.2284	0.7126	-2.5350	0.0000	-1.5093	0.0108	-0.2464	0.6456	-0.4994	0.5344	-0.7819	0.2058	-2.1302	0.0000	-0.8346	0.0001	-0.0806	0.8787
AT503050	-1.2129	0.0000	-1.0683	0.0207	-0.7859	0.1143	-1.1418	0.0154	-1.1358	0.0191	-0.7343	0.2460	-1.3981	0.0000	0.9386	0.0778	-0.8478	0.0035	-1.5103	0.0014	-1.2463	0.0000	-1.3153	0.0000	-0.4765	0.4975	-1.4610	0.4210
AT503060	0.3012	0.8488	-0.2552	0.0000	0.0900	0.9900	0.2689	0.0000	0.1932	0.8719	0.8331	NA	0.3142	0.8660	0.8300	0.0000	0.6051	0.4431	1.4608	0.0782	-0.4379	0.7038	0.1814	0.9212	0.0201	0.9311	0.0681	0.0000
AT503070	2.2601	0.0001	-0.9968	0.1805	-0.6084	0.4889	0.9595	0.2618	-0.1158	0.4471	0.6003	0.3466	1.4042	0.0154	0.7737	0.4294	-0.1097	0.8940	1.6236	0.1999	1.1242	0.1329	2.0778	0.0003	0.1314	0.9307	-0.2438	0.7124
AT503080	-0.4664	0.4692	-0.2505	0.0001	-0.8676	0.2264	-0.8260	0.2975	-0.1327	0.7733	-1.4154	0.0018	-0.6837	0.2372	-1.0283	0.1354	-2.0800	0.0001	-0.6124	0.5179	0.1331	0.9199	-0.7000	0.2539	-1.0538	-0.1185	-0.1617	0.0000
AT503090	-1.4919	0.0028	-0.6642	0.0470	0.8329	0.0473	-1.4466	0.1738	-0.9150	0.0407	-0.9106	NA	-0.9523	0.2034	-0.2643	0.8985	-0.5652	0.5014	-0.3302	0.8477	-1.2279	0.0237	-1.6398	0.0310	-0.7447	0.5370	0.0040	0.4680
AT503100	-0.3466	0.0000	-0.3466	0.0000	-0.3466	0.0000	-0.3466	0.0000	-0.3466	0.0000	-0.3466	0.0000	-0.3466	0.0000	-0.3466	0.0000	-0.3466	0.0000	-0.3466	0.0000	-0.3466	0.0000	-0.3466	0.0000	-0.3466	0.0000	-0.3466	0.0000
AT503110	-1.4764	0.0000	-0.5840	0.2995	-1.0221	0.0657	-0.7444	0.3038	-1.1031	0.0283	-0.9882	0.0526	-1.7089	0.0000	-1.7037	0.0005	-0.7810	0.1057	-1.3395	0.0365	-0.0666	0.3514	-1.3200	0.0001	-1.2855	0.0007	-2.4723	0.0000
AT503120	-2.6533	0.0000	-1.2529	0.0025	-0.5778	0.4939	-0.6643	0.3881	-0.0970	0.9490	-0.3980	0.5489	-1.3635	0.0000	0.0930	0.9592	-1.5388	0.0034	-1.5917	0.0067	-0.5483	0.4748	-2.4125	0.0000	0.9596	0.1408	-0.7844	0.1164
AT503130	-1.8728	0.0010	-2.2007	0.0001	-0.9283	0.2257	-1.2855	0.1012	-0.7652	0.7394	-1.2481	0.0070	-1.5807	0.0047	-2.3503	0.0001	-1.6595	0.0137	-1.5500	0.0129	-1.6402	0.0000	-2.0006	0.0000	-0.8390	0.0001	-1.7300	0.0001
AT503140	0.3977	0.0000	-0.3977	0.0000	-0.3977	0.0000	-0.3977	0.0000	-0.3977	0.0000	-0.3977	0.0000	-0.3977	0.0000	-0.3977	0.0000	-0.3977	0.0000	-0.3977	0.0000	-0.3977	0.0000	-0.3977	0.0000	-0.3977	0.0000	-0.3977	0.0000
AT503150	-1.6415	0.0092	-2.7519	0.0004	-1.7800	0.0214	-0.7911	0.4005	-1.1966	0.1367	-1.7189	0.0154	-1.9409	0.0001	-1.2547	0.0014	-2.3703	0.0000	-1.7687	0.0171	-0.9887	0.2538	-1.8523	0.0031	-2.1544	0.0014	-1.9052	0.0001
AT503160	1.9309	0.0011	0.6736	0.0878	0.5565	0.5911	0.6824	0.0511	0.3234	0.0608	1.8262	0.0013	1.0555	0.2314	1.3078	0.0020	2.1124	0.0007	2.6873	0.0000	2.0754	0.0000	1.7581	0.0089	1.3784	0.0039	1.7344	0.0039
AT503170	-1.0599	0.0000	-0.2614	0.0000	0.7509	0.0824	-1.0343	0.0002	-0.8481	0.0432	-0.4443	0.8111	-2.1532	0.0000	-1.6236	0.0000	-1.4749	0.0000	-1.4128	0.0001	-0.9996	0.0171	-1.7799	0.0000	-1.4577	0.0001	-0.7954	0.0227
AT503180	1.2146	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
AT503190	0.5669	0.9745	0.2097	0.0082	1.762																							

AT544530	0.8160	0.0404	-2.8056	-0.0000	-2.9389	0.0000	0.1348	-0.8705	-2.0847	0.0000	0.6513	0.9113	-3.4529	0.0000	0.6892	0.2238	-0.7130	0.1123	1.1303	0.0034	0.9469	0.0609	1.1174	0.0047	0.4843	0.4691	0.4517	0.3067	
AT544580	-1.9487	0.0006	-0.4758	0.0000	-1.5495	0.0000	-1.8381	0.0094	-2.5254	0.0000	-1.9786	0.0008	-4.3271	0.0000	-1.1704	0.1202	-2.9222	0.0000	-1.1696	0.1327	-0.4658	0.6121	-1.8052	0.0107	0.4968	0.6418	-0.8347	0.2793	
AT544650	-1.1952	0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000		
AT544720	0.3446	-0.5992	-0.0183	0.0001	-1.3244	0.0001	-0.9585	-0.9356	-0.0041	0.9790	-0.0002	0.1062	-0.2030	0.7645	-0.1178	0.4695	-0.9634	0.0080	-0.3402	0.7689	0.0002	-0.5684	0.1498	0.5225	-0.5577	-0.5272	-0.8199	0.9047	
AT544850	-0.4810	0.0000	-1.1717	0.0498	-1.9016	0.0009	-0.0000	-1.0000	-1.0934	-0.0029	0.0000	0.0000	-1.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		
AT544910	-0.9429	0.0450	-1.1764	0.0363	-0.0374	0.9693	-0.8456	-0.1820	-0.8748	0.1376	-0.3600	0.5375	-2.1841	0.0000	-0.2970	0.7831	-1.1053	0.0217	-0.6032	0.4117	-0.6337	0.1340	-0.8021	0.0994	-0.5200	-0.4792	-0.3830	0.4178	
AT544970	-1.5713	0.0000	-0.0000	-0.0000	-1.6972	0.0000	-0.0000	-0.0000	-1.8994	0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000		
AT544980	-0.6812	0.3903	-0.7275	0.0001	-1.5768	0.0005	-0.1982	0.8877	-2.7499	0.0001	-0.5370	0.5276	-3.0002	0.0000	-0.2819	0.8825	-0.7505	0.3418	-0.0503	0.9813	0.1885	-0.9016	-0.3053	0.7483	-0.2803	-0.8386	-0.3624	0.8250	
AT544990	-2.0006	-0.0006	-2.7133	0.0030	-1.6311	0.0530	-0.4387	-0.9749	-0.7243	-1.1128	0.1555	-1.0395	-0.2189	-1.6205	-0.2023	-2.0366	0.0111	-1.8084	-0.0331	-2.0165	0.0166	-2.1347	-0.0097	-2.4051	0.0006	-0.8719	-0.0379	-0.1079	0.4450
AT545000	-1.9350	0.0058	-2.8916	0.0000	-1.5460	0.0001	-1.7911	0.0450	-0.7176	0.4735	-1.4545	0.0673	-1.9756	0.0032	-1.9859	0.0111	-2.4643	0.0004	-1.7412	0.0410	-1.8073	-0.0304	-1.9027	0.0048	-1.8843	-0.0146	-1.8044	0.0048	
AT545060	-1.1920	-0.0000	-0.0000	-0.0000	-1.3922	0.0000	-0.0000	-0.0000	-1.5944	0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000		
AT545100	-1.1830	-0.4498	-0.3499	-0.0000	-1.1049	0.0000	-1.1705	-0.2222	-1.7129	0.0000	-2.3405	0.0000	-1.3542	0.0000	-1.5846	0.0014	-2.2516	0.0016	-2.0901	0.0111	-1.3663	0.7674	-1.9078	0.0111	-1.7849	-0.0290	-1.8504	0.0008	
AT545200	-1.7117	0.1035	-2.0917	0.0041	-1.0801	0.0083	-1.2323	-0.2328	-0.0808	-0.7604	0.0000	-2.2316	0.0031	-1.2668	0.2087	-1.1106	0.0889	-1.9305	0.3578	-1.2702	0.1934	-1.8530	0.0114	-1.3588	-0.1330	-0.3844	-0.8236	0.0000	
AT545310	0.2103	0.8179	-1.1716	0.0000	-2.2679	0.0000	-0.1180	-0.9422	-1.7981	0.0028	-0.5660	-2.2154	0.0012	-0.3963	0.0009	-0.0000	0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	
AT545315	-0.1352	0.8860	-2.9688	0.0000	-0.8923	0.0000	-0.5368	-0.0000	-0.8484	0.3731	-3.1376	0.0000	-0.6884	0.3731	-3.1376	0.0000	-0.5663	0.6813	-0.8777	0.3383	-1.8454	0.0000	-0.8078	0.0000	-0.0798	-0.9348	-0.2695	0.6975	
AT545320	-0.0444	-0.9007	-0.7735	0.0001	-2.7952	0.0002	-1.0688	-0.9043	-2.7504	0.0001	-0.0772	0.9430	-3.1478	0.0000	-0.0725	0.9478	-0.6038	0.4334	-0.3727	0.8126	0.0041	-0.9831	-0.5686	0.5007	-0.6123	-0.6203	-0.6738	0.3380	
AT545420	-0.3310	-0.6881	-0.3047	0.0000	-0.9550	-0.3326	-1.0344	0.0000	-0.7081	-0.3909	-3.4508	0.0000	-0.8692	-0.4278	-1.9183	-0.0827	-1.0229	-0.3318	-1.2869	-0.0862	-0.6479	-0.5718	-0.8238	-0.4293	-0.3568	-0.3568	-0.8519	0.0000	
AT545430	0.0768	0.9299	-2.2626	0.0000	-1.1113	0.0000	-1.2193	-0.1226	-0.6554	0.8832	-1.0994	0.0079	0.5969	0.3354	-0.6709	0.5214	-1.6506	0.0016	-1.9397	0.0553	-0.6143	0.2651	-0.5517	-0.4451	-0.2975	-0.0000	-2.7706	0.0000	
AT545530	-0.2942	-0.6777	-0.7799	0.2718	-0.6480	-0.4949	-0.9228	-0.8325	-0.4823	-0.6552	-0.5248	-0.1793	-1.0394	-0.0795	-0.2139	-0.9009	-0.5887	-0.3628	-0.1255	-0.9489	-0.3790	0.0000	-0.2026	-0.8058	-0.7881	-0.3643	-0.9233	-0.9718	
AT545630	-0.9607	0.2326	-1.9540	0.0000	-1.6400	0.3436	-0.9097	-0.4180	-0.0762	-0.7313	-1.8207	-0.0000	-0.6776	-0.2650	-0.8511	-0.5109	-2.4177	0.0010	-1.5100	-0.9489	-0.7591	-0.8004	-0.9933	-0.2395	-0.2677	-0.1728	-0.6082	-0.4207	
AT545620	-1.2508	-0.0286	-1.1486	0.7341	-0.1062	-0.5163	-1.1844	-0.1304	-0.4727	-0.8275	-1.1687	-0.0775	-1.0816	-0.0627	-0.2711	-0.8621	-0.9356	-0.1368	-1.0323	-0.2171	-1.3224	-0.0665	-1.0924	-0.0752	-0.9071	-0.1899	-0.2010	-0.0003	
AT545730	0.2646	0.0000	0.0278	0.0092	-1.0494	0.010	1.0911	0.0017	-1.4459	0.0000	-1.3216	0.0000	-1.6848	0.0000	-1.0818	0.0009	-0.8741	0.5768	-0.6042	0.1179	-0.1218	-0.8164	-1.5903	0.0020	-0.2125	-0.0001	-0.6813	0.0201	
AT545830	-0.4086	-0.4966	-0.9922	0.1735	-0.8753	-0.3980	-0.3400	-0.7579	-0.0622	-0.9575	-0.0618	-0.1930	-0.5356	-0.4638	-0.0280	-0.9424	-0.1819	-0.2343	-1.0341	-0.0317	-2.8712	-0.0001	-0.4250	-0.5995	-1.0983	-0.1723	-0.4642	-0.4977	
AT546115	-0.6455	-0.4639	-0.1647	0.0391	-1.9635	-0.1848	-0.9383	-0.4084	-1.9738	-0.0106	-1.0720	-0.0000	-1.2095	0.0003	-0.2228	-0.9214	-1.0149	-0.2161	-0.2523	-0.9032	-0.0571	-0.9745	-0.0460	-0.6517	-0.8894	-0.4448	-1.1158	-0.0670	
AT546220	-0.0698	-0.8148	-1.2811	0.0000	-1.1066	-0.1492	-0.7378	-0.5426	-0.8000	-0.3671	-1.7114	-0.0322	-0.2342	-0.7596	-0.3719	-0.7934	-2.2117	0.0004	-0.7483	-0.4456	-0.2245	-0.8969	-0.6153	-0.3676	-0.2776	-0.8895	-1.4548	-0.0092	
AT546230	-1.3178	0.0319	-1.1738	0.0608	-0.1616	-0.8756	-0.4202	-0.9991	-0.3014	-0.7159	-0.0209	-0.6165	-0.9191	0.0007	-0.1613	-0.9218	-1.2626	0.0001	-0.3929	-0.2453	-0.4147	-1.1375	-0.0001	-0.4074	-0.7317	-1.5698	-0.0001	-0.0000	
AT546230	-1.7551	0.0000	-1.9775	0.0000	-1.7955	0.0000	-1.0583	-0.0732	-1.9995	0.0000	-0.4321	-0.3303	-2.4857	0.0000	-0.9005	-0.0002	-0.7604	-0.9446	-0.4203	-0.4967	-0.4249	-0.4060	-1.6774	0.0000	-0.7034	-0.1151	-1.7487	-0.9000	
AT546235	-1.7779	0.0183	-0.2546	0.0020	-2.2803	0.0044	-0.1331	-0.9466	-2.7903	0.0034	-0.2981	0.0000	-1.1683	-0.2851	-1.2059	-0.0594	-0.8462	-0.5107	-0.0428	-0.9840	-1.6035	-0.0313	-0.4470	-0.1066	-0.0713	-0.9470	-0.9670	0.0000	
AT546310	-1.8480	0.0005	-2.0505	0.0001	-1.5407	-0.0104	-1.0348	-0.1749	-1.8522	-0.0009	-0.2348	-0.7526	-2.5713	0.0000	-1.8386	-0.0014	-1.0864	-0.0574	-0.7808	-0.3431	-1.9296	-0.0030	-1.8445	-0.0005	-1.7653	-0.0071	-1.7506	-0.1556	
AT546440	-0.2010	-0.0000	-0.0000	-0.0000	-1.3432	-0.0006	-1.0687	-0.0000	-1.1572	-0.0000	-1.0747	-0.0000	-1.1572	-0.0000	-0.1617	-0.0000	-0.8756	-0.1007	-0.1617	-0.0000	-0.1617	-0.0000	-1.9601	-0.0000	-0.1617	-0.0000	-1.9601	-0.0000	
AT546490	-1.0282	-0.0675	-0.5642	0.0000	-1.5405	0.0000	-0.9432	-0.2324	-0.9999	-0.0000	-0.8127	-0.5156	-0.6477	0.0000	-1.6884	-0.0034	-1.6001	-0.0002	-0.4894	-0.6331	-0.0327	-0.9132	-1.3436	-0.0135	-1.5755	-0.0001	-1.7550	-0.0001	
AT546500	-1.7320	-0.0007	-0.9428	0.0000	-1.5056	0.0000	-1.6193	-0.0672	-3.5037	0.0000	-1.5750	-0.0412	-3.8775	0.0000	-2.1309	-0.0036	-2.4792	0.0002	-0.6113	-0.6411	-0.4404	-0.7130	-2.5098	0.0001	-2.3361	-0.0002	-2.7498	0.0000	
AT546510	-0.1786	-0.7850	-0.3077	0.0000	-1.6340	-0.0000	-0.7689	-0.2868	-2.5505	0.0000	-0.7065	-0.0226	-0.8776	0.0000	-0.1681	-0.9038	-0.9041	-0.7056	-0.0427	-0.5592	-0.2588	-0.7758	-0.5027	-0.3161	-0.2282	-0.7339	-1.1889	0.0000	
AT546520	-1.2428	0.0000	-0.0000	-0.0000	-1.4019	-0.0000	-0.6425	-0.4809	-2.4502	0.0000	-1.0671	-0.0000	-1.4019	-0.0000	-1.2001	-0.0000	-1.4019	-0.0000	-1.2001	-0.0000	-1.4019	-0.0000	-1.2001	-0.0000	-1.4019	-0.0000	-1.2001	-0.0000	
AT546530	-0.1955	-0.7947	-0.7547	0.2562	-0.6767	-0.3862	-0.4898	-0.5788	-0.1961	-0.9797	-1.1609	-0.0009	-0.1565	-0.8310	-0.0752	-0.9693	-1.3448	-0.0191	-0.7367	-0.7505	-0.0000	-0.3778	-0.9518	-0.4140	-0.6968	-0.2021	-0.0001	0.0000	
AT546600	1.6978	0.0134	0.4178	0.0006	-1.4706	0.1474	-0.8854	-0.3968	-1.4505	0.0840	-0.771	0.3883	-2.0798	0.0001	-0.2096	-0.0005	-0.3526	-0.8947	-1.1701	-0.2336	-0.3007	-0.6124	-2.3194	0.0000	-0.7260	-0.0000	-0.2141	0.7866	
AT546670	-0.5721	-0.0007	-1.2128	0.1422	-0.2406	0.0000	-0.7079	-0.9975	-2.5003	0.0001	-0.5021	-0.7550	-2.3724	0.0000	-0.2713	-0.0000	-0.5499	-0.4794	-0.0868	-0.0868	-0.5767	-0.0857	-0.4895	-0.3538	-0.8457	-0.0000	-0.7226	-0.7971	
AT546720	-1.4622	0.0000	-0.0000	-0.0000	-1.3802	0.0000	-1.3002	0.0000	-1.4664	0.0000	-1.2326	-0.0000	-1.4664	0.0000	-1.1864	-0.1819	-1.7880	-0.0000	-1.1864	-0.1819	-1.7880	-0.0000	-1.1864	-0.1819	-1.7880	-0.0000	-1.1864	-0.1819	
AT546730	-0.0000	0.0000	1.0000	0.0000	0.0000	0.0000																							

AT507630	0.1660	0.8130	-0.5865	0.2017	-0.4895	0.5886	0.2202	0.3003	0.7363	-0.9479	0.6148	-1.1705	0.0063	0.0063	0.9098	-0.3424	0.6688	-1.0445	0.0088	-0.7643	0.1426	0.2320	0.9064	0.1077	0.8513	0.0928	0.9254	-2.1463	0.0000	
AT507630	0.5627	0.4890	1.6356	0.0225	1.5239	0.0959	1.0556	0.2826	0.9339	0.8882	1.2298	0.0114	-0.1408	-0.7270	0.3462	1.0158	0.3221	1.1895	0.1099	1.0449	0.3270	0.4822	0.1000	0.2321	0.8232	1.3398	0.2117	2.2925	0.0000	
AT507630	0.0014	0.0014	0.0014	0.0014	0.0014	0.0014	0.0014	0.0014	0.0014	0.0014	0.0014	0.0014	0.0014	0.0014	0.0014	0.0014	0.0014	0.0014	0.0014	0.0014	0.0014	0.0014	0.0014	0.0014	0.0014	0.0014	0.0014	0.0014	0.0014	
AT507630	-2.7884	0.0000	-2.7771	0.0000	-0.7490	0.9316	-0.8558	-0.8113	-1.5126	0.0000	-0.6132	0.3408	-2.2517	0.0000	-1.3326	0.0000	-1.5518	0.0000	-1.7907	0.0000	-1.4004	0.0000	-0.9280	0.0000	-2.2812	0.0000	-1.2852	0.0000	-0.6157	0.1553
AT507630	-2.0597	0.0001	-1.0640	0.8613	0.0353	0.9759	0.5105	0.5354	-0.0277	0.5211	0.0478	0.9563	-2.7157	0.0000	-1.0659	0.1374	-0.2018	0.7768	-0.2642	0.6974	-0.3044	0.0514	-2.3611	0.0000	0.4516	0.6502	0.4035	0.5768	0.0000	
AT507630	-2.5987	0.0001	-1.5437	0.0412	1.9196	0.0322	0.0200	0.9885	-1.8629	0.0209	-0.7824	0.5348	-2.2984	0.0005	-1.8793	0.0173	-1.0841	0.0320	-0.4271	0.7798	-1.7752	0.0447	-2.6818	0.0003	-2.0450	0.0073	-0.8476	0.1698	0.2392	0.0000
AT507630	-2.1154	0.0001	-0.9681	0.0012	0.7750	0.1718	-0.1502	0.0654	-0.4667	0.4878	-1.3073	0.0076	0.2142	-0.0462	-0.9462	0.0000	-1.1984	0.3504	-1.1078	0.0000	-0.9665	0.0000	-0.9665	0.0000	-0.9665	0.0000	-0.9665	0.0000	-0.9665	0.0000
AT507630	-1.6934	0.0122	-0.0405	0.1792	-0.4371	0.6746	-1.3795	0.1242	0.3275	0.8164	-1.5704	0.0046	-2.0846	0.0000	-0.2927	0.8698	-1.5597	0.0276	-1.9887	0.0118	-1.8793	0.0185	-1.5104	0.0285	-0.1877	0.9085	-1.0684	0.7062	0.1061	0.0000
AT507630	-2.0007	0.0000	-0.8444	0.0167	1.2111	0.0158	-0.7001	0.2860	0.1134	0.3203	0.2807	0.6412	-2.4629	0.0000	0.9004	0.1118	-0.1207	0.8467	-1.0300	0.0000	-0.9004	0.0000	-0.9004	0.0000	-0.9004	0.0000	-0.9004	0.0000	-0.9004	0.0000
AT507630	-0.1376	0.0132	-0.7420	0.0033	1.2961	0.0412	-1.4386	0.0200	-1.7162	0.0277	-1.5491	0.0009	-1.5613	0.0005	-2.3204	0.0000	-2.2732	0.0000	-1.1930	0.0003	-0.1338	0.7477	-2.1386	0.0000	-2.3748	0.0000	-2.3847	0.0000	-2.3847	0.0000
AT507630	-0.0119	0.0001	-0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
AT507630	-0.5856	0.4830	-1.0093	0.2084	0.0033	0.8414	-0.1247	0.7254	-0.0347	0.9845	-1.7997	0.0173	1.0447	0.1299	0.0758	0.9752	-1.7694	0.0113	-0.8959	0.5710	0.8888	0.3335	-0.4345	0.8888	0.3335	-0.4345	0.8888	0.3335	-0.4345	0.8888
AT507630	-2.1751	0.0000	-0.9374	0.0047	0.8140	0.0239	-0.4809	0.0338	-1.1661	0.0004	-0.7185	0.0496	-2.3487	0.0000	-1.7601	0.0000	-0.8541	0.0102	-1.7100	0.0063	-1.3275	0.0001	-1.9004	0.0000	-1.2820	0.0001	-0.7247	0.0203	0.0000	0.0000
AT507630	-0.5866	0.4830	-1.0093	0.2084	0.0033	0.8414	-0.1247	0.7254	-0.0347	0.9845	-1.7997	0.0173	1.0447	0.1299	0.0758	0.9752	-1.7694	0.0113	-0.8959	0.5710	0.8888	0.3335	-0.4345	0.8888	0.3335	-0.4345	0.8888	0.3335	-0.4345	0.8888
AT507630	-0.5866	0.4830	-1.0093	0.2084	0.0033	0.8414	-0.1247	0.7254	-0.0347	0.9845	-1.7997	0.0173	1.0447	0.1299	0.0758	0.9752	-1.7694	0.0113	-0.8959	0.5710	0.8888	0.3335	-0.4345	0.8888	0.3335	-0.4345	0.8888	0.3335	-0.4345	0.8888
AT507630	-0.5866	0.4830	-1.0093	0.2084	0.0033	0.8414	-0.1247	0.7254	-0.0347	0.9845	-1.7997	0.0173	1.0447	0.1299	0.0758	0.9752	-1.7694	0.0113	-0.8959	0.5710	0.8888	0.3335	-0.4345	0.8888	0.3335	-0.4345	0.8888	0.3335	-0.4345	0.8888
AT507630	-0.5866	0.4830	-1.0093	0.2084	0.0033	0.8414	-0.1247	0.7254	-0.0347	0.9845	-1.7997	0.0173	1.0447	0.1299	0.0758	0.9752	-1.7694	0.0113	-0.8959	0.5710	0.8888	0.3335	-0.4345	0.8888	0.3335	-0.4345	0.8888	0.3335	-0.4345	0.8888
AT507630	-0.5866	0.4830	-1.0093	0.2084	0.0033	0.8414	-0.1247	0.7254	-0.0347	0.9845	-1.7997	0.0173	1.0447	0.1299	0.0758	0.9752	-1.7694	0.0113	-0.8959	0.5710	0.8888	0.3335	-0.4345	0.8888	0.3335	-0.4345	0.8888	0.3335	-0.4345	0.8888
AT507630	-0.5866	0.4830	-1.0093	0.2084	0.0033	0.8414	-0.1247	0.7254	-0.0347	0.9845	-1.7997	0.0173	1.0447	0.1299	0.0758	0.9752	-1.7694	0.0113	-0.8959	0.5710	0.8888	0.3335	-0.4345	0.8888	0.3335	-0.4345	0.8888	0.3335	-0.4345	0.8888
AT507630	-0.5866	0.4830	-1.0093	0.2084	0.0033	0.8414	-0.1247	0.7254	-0.0347	0.9845	-1.7997	0.0173	1.0447	0.1299	0.0758	0.9752	-1.7694	0.0113	-0.8959	0.5710	0.8888	0.3335	-0.4345	0.8888	0.3335	-0.4345	0.8888	0.3335	-0.4345	0.8888
AT507630	-0.5866	0.4830	-1.0093	0.2084	0.0033	0.8414	-0.1247	0.7254	-0.0347	0.9845	-1.7997	0.0173	1.0447	0.1299	0.0758	0.9752	-1.7694	0.0113	-0.8959	0.5710	0.8888	0.3335	-0.4345	0.8888	0.3335	-0.4345	0.8888	0.3335	-0.4345	0.8888
AT507630	-0.5866	0.4830	-1.0093	0.2084	0.0033	0.8414	-0.1247	0.7254	-0.0347	0.9845	-1.7997	0.0173	1.0447	0.1299	0.0758	0.9752	-1.7694	0.0113	-0.8959	0.5710	0.8888	0.3335	-0.4345	0.8888	0.3335	-0.4345	0.8888	0.3335	-0.4345	0.8888
AT507630	-0.5866	0.4830	-1.0093	0.2084	0.0033	0.8414	-0.1247	0.7254	-0.0347	0.9845	-1.7997	0.0173	1.0447	0.1299	0.0758	0.9752	-1.7694	0.0113	-0.8959	0.5710	0.8888	0.3335	-0.4345	0.8888	0.3335	-0.4345	0.8888	0.3335	-0.4345	0.8888
AT507630	-0.5866	0.4830	-1.0093	0.2084	0.0033	0.8414	-0.1247	0.7254	-0.0347	0.9845	-1.7997	0.0173	1.0447	0.1299	0.0758	0.9752	-1.7694	0.0113	-0.8959	0.5710	0.8888	0.3335	-0.4345	0.8888	0.3335	-0.4345	0.8888	0.3335	-0.4345	0.8888
AT507630	-0.5866	0.4830	-1.0093	0.2084	0.0033	0.8414	-0.1247	0.7254	-0.0347	0.9845	-1.7997	0.0173	1.0447	0.1299	0.0758	0.9752	-1.7694	0.0113	-0.8959	0.5710	0.8888	0.3335	-0.4345	0.8888	0.3335	-0.4345	0.8888	0.3335	-0.4345	0.8888
AT507630	-0.5866	0.4830	-1.0093	0.2084	0.0033	0.8414	-0.1247	0.7254	-0.0347	0.9845	-1.7997	0.0173	1.0447	0.1299	0.0758	0.9752	-1.7694	0.0113	-0.8959	0.5710	0.8888	0.3335	-0.4345	0.8888	0.3335	-0.4345	0.8888	0.3335	-0.4345	0.8888
AT507630	-0.5866	0.4830	-1.0093	0.2084	0.0033	0.8414	-0.1247	0.7254	-0.0347	0.9845	-1.7997	0.0173	1.0447	0.1299	0.0758	0.9752	-1.7694	0.0113	-0.8959	0.5710	0.8888	0.3335	-0.4345	0.8888	0.3335	-0.4345	0.8888	0.3335	-0.4345	0.8888
AT507630	-0.5866	0.4830	-1.0093	0.2084	0.0033	0.8414	-0.1247	0.7254	-0.0347	0.9845	-1.7997	0.0173	1.0447	0.1299	0.0758	0.9752	-1.7694	0.0113	-0.8959	0.5710	0.8888	0.3335	-0.4345	0.8888	0.3335	-0.4345	0.8888	0.3335	-0.4345	0.8888
AT507630	-0.5866	0.4830	-1.0093	0.2084	0.0033	0.8414	-0.1247	0.7254	-0.0347	0.9845	-1.7997	0.0173	1.0447	0.1299	0.0758	0.9752	-1.7694	0.0113	-0.8959	0.5710	0.8888	0.3335	-0.4345	0.8888	0.3335	-0.4345	0.8888	0.3335	-0.4345	0.8888
AT507630	-0.5866	0.4830	-1.0093	0.2084	0.0033	0.8414	-0.1247	0.7254	-0.0347	0.9845	-1.7997	0.0173	1.0447	0.1299	0.0758	0.9752	-1.7694	0.0113	-0.8959	0.5710	0.8888	0.3335	-0.4345	0.8888	0.3335	-0.4345	0.8888	0.3335	-0.4345	0.8888
AT507630	-0.5866	0.4830	-1.0093	0.2084	0.0033	0.8414	-0.1247	0.7254	-0.0347	0.9845	-1.7997	0.0173	1.0447	0.1299	0.0758	0.9752	-1.7694	0.0113	-0.8959	0.5710	0.8888	0.3335	-0.4345	0.8888	0.3335	-0.4345	0.8888	0.3335	-0.4345	0.8888
AT507630	-0.5866	0.4830	-1.0093	0.2084	0.0033	0.8414	-0.1247	0.7254	-0.0347	0.9845	-1.7997	0.0173	1.0447	0.1299	0.0758	0.9752	-1.7694	0.0113	-0.8959	0.5710	0.8888	0.3335	-0.4345	0.8888	0.3335	-0.4345	0.8888	0.3335	-0.4345	0.8888
AT507630	-0.5866	0.4830	-1.0093	0.2084	0.0033	0.8414	-0.1247	0.7254	-0.0347	0.9845	-1.7997	0.0173	1.0447	0.1299	0.0758	0.9752	-1.7694	0.0113	-0.8959	0.5710	0.8888	0.3335	-0.4345	0.8888	0.3335	-0.4345	0.8888	0.3335	-0.4345	0.8888
AT507630	-0.5866	0.4830	-1.0093	0.2084	0.0033	0.8414	-0.1247	0.7254	-0.0347	0.9845	-1.7997	0.0173	1.0447	0.1299	0.0758	0.9752	-1.7694	0.0113	-0.8959	0.5710	0.8888	0.3335	-0.4345	0.8888	0.3335	-0.4345	0.8888	0.3335	-0.4345	0.8888
AT507630	-0.5866	0.4830	-1.0093	0.2084	0.0033	0.8414	-0.1247	0.7254	-0.0347	0.9845	-1.7997	0.0173	1.0447	0.1299	0.0758	0.9752	-1.7694	0.0113	-0.8959	0.5710	0.8888	0.3335	-0.4345	0.8888	0.3335	-0.4345	0.8888	0.3335	-0.4345	0.8888
AT507630	-0.5866	0.4830	-1.0093	0.2084	0.0033	0.8414	-0.1247	0.7254	-0.0347	0.9845	-1.7997	0.0173	1.0447	0.1299	0.0758	0.9752	-1.7694	0.0113	-0.8959	0.5710	0.8888	0.3335								

ATCG01180	-1.9354	0.0082	-0.4589	0.6488	-0.3327	0.7867	-1.0702	0.3192	2.9634	0.0000	-0.4087	0.6738	-2.0967	0.0027	-0.3556	0.8568	-0.5147	0.5587	-0.7744	0.5553	-0.9612	0.3661	-1.8106	0.0150	-0.5053	0.7249	-0.6798	0.3605
ATCG01210	-1.3651	0.0776	-0.3322	0.7673	-0.4283	0.7720	-0.6477	0.5916	3.4251	0.0000	-0.3808	0.7026	-1.5160	0.0391	0.0738	0.9792	-0.2332	0.8128	-0.3842	0.8244	-0.5568	0.6579	-1.2701	0.1101	-0.3206	0.8474	0.1949	0.8160
ATMG00020	-1.8789	0.0029	-1.0150	0.1878	-0.7625	0.4165	-0.9812	0.3920	-1.0109	0.2703	-0.8147	0.3016	-2.2830	0.0002	-1.1219	0.2162	-0.0209	0.9793	-0.7232	0.5244	-0.6553	0.5234	-1.6554	0.0191	-0.8276	0.4075	0.3262	0.7785
ATMG00070	-1.7010	0.0014	-1.5065	0.0073	-1.3859	0.0258	-1.6062	0.0149	-1.9486	0.0006	-1.0437	0.0919	-2.0557	0.0000	-1.3286	0.0331	-0.6701	0.3555	-0.9408	0.2077	-0.9729	0.1744	-1.5572	0.0036	-1.4275	0.0193	-0.9909	0.4807
ATMG00080	-2.1640	0.0001	-1.8692	0.0144	-1.6513	0.0100	-2.0201	0.0027	-1.5662	0.0137	-1.1646	0.0737	-2.2688	0.0000	-1.5303	0.0175	-0.6305	0.3226	-1.1582	0.1216	-0.7486	0.3612	-1.9456	0.0005	-1.1139	0.1159	-0.7862	0.1617
ATMG00090	-1.7200	0.0086	-1.6848	0.0145	-1.4261	0.0710	-1.1212	0.2215	-1.1935	0.1595	-1.0023	0.1906	-2.2956	0.0002	-1.4925	0.0576	-0.6029	0.4214	-0.9780	0.3193	-0.1492	0.9179	-1.6344	0.0138	-1.2451	0.1271	-0.3420	0.6244
ATMG00090	-1.6171	0.0122	-0.7550	0.3847	-1.2307	0.1802	-0.2108	0.8780	-0.1201	0.9493	0.0187	0.9881	-2.1780	0.0011	-0.0579	0.9830	-0.8842	0.5274	1.2322	0.1446	0.3609	0.7775	-1.7911	0.0177	-0.4399	0.7558	-0.3076	0.6884
ATMG01190	-2.3506	0.0002	-1.2122	0.0969	-1.3070	0.1046	-1.6178	0.0532	-1.0558	0.2354	-1.0861	0.1512	-2.6500	0.0000	-1.3153	0.1143	-0.4143	0.6034	-1.1718	0.1965	-0.8832	0.3486	-2.0776	0.0011	-1.2396	0.1271	-0.9083	0.1557