

Supplementary Table 1: **List of Chromosome Clusters
by Chromosome**

Cluster ID	Chromosome number	Genbank ID	Locus Link ID	Gene Position (TSS)
Cluster 1	Chromosome 1	BG082513	245860	75188497
		BQ550188	20872	75207446
Cluster 2	Chromosome 1	BG086586	12847	174044467
		BG085359	19298	174056902
Cluster 3	Chromosome 2	BG073109	277396	69660529
		BG064709	20823	69699684
Cluster 4	Chromosome 2	BQ550512	140629	130455722
		BG074386	77006	130490381
Cluster 5	Chromosome 2	BG084735	99237	153027872
		BG074245	54711	153067094
Cluster 6	Chromosome 2	BG077290	20878	172196025
		BG074423	67337	172196502
Cluster 7	Chromosome 2	BG087188	228960	173902551
		BG076209	228961	173935865
Cluster 8	Chromosome 3	BG085485	53814	94236335
		BG078740	78523	94247257
Cluster 9	Chromosome 3	BG075921	320988	94778657
		BG084805	319916	94801272
Cluster 10	Chromosome 3	BG084805	319916	94801272
		BG086311	19185	94846467
Cluster 11	Chromosome 3	BG088653	57912	95032873
		BG073154	171388	95055024
Cluster 12	Chromosome 4	BG069856	51813	21654876
		BG071074	77593	21703416
Cluster 13	Chromosome 4	BG071285	72181	115726481
		BG077295	66576	115747675
Cluster 14	Chromosome 4	BG077295	66576	115747675
		BG075033	230654	115748069
Cluster 15	Chromosome 4	BG082743	69902	138908213
		BG078275	230866	138908507
Cluster 16	Chromosome 4	BG070654	381569	143405982
		BG071722	194225	143436399
Cluster 17	Chromosome 6	BG066677	319801	127059554

		AW547625	12444	127101066
Cluster 18	Chromosome 7	AW552582 BG064628	54006 98845	148524660 148551009
Cluster 19	Chromosome 8	BG069650 C81248	102226 102182	80041806 80073295
Cluster 20	Chromosome 8	BG083923 BG085360	320394 68051	108375908 108384533
Cluster 21	Chromosome 9	BG087957 BG064919	68682 16201	21142295 21192143
Cluster 22	Chromosome 9	BG076387 BQ550191	19340 66962	21722565 21760198
Cluster 23	Chromosome 9	BG063933 BQ550683	13478 15288	44134927 44152259
Cluster 24	Chromosome 9	BG087927 BG071194	72278 11891	72863464 72912049
Cluster 25	Chromosome 10	BG063817 BG076890	67895 20224	61111368 61143068
Cluster 26	Chromosome 10	BG077044 BG073436	56351 11947	127496037 127520362
Cluster 27	Chromosome 10	BG073436 BG066189	11947 116848	127520362 127558646
Cluster 28	Chromosome 10	BG064664 BG064819	23943 18813	127962915 128002990
Cluster 29	Chromosome 11	BG085864 BG066516	114679 29856	3414704 3439242
Cluster 30	Chromosome 11	BG083639 BG063430	24070 13681	69476144 69485817
Cluster 31	Chromosome 11	BG088662 BG072388	103737 71770	83112479 83116198
Cluster 32	Chromosome 11	BG064529 AU042878	21428 19183	100948638 100956715
Cluster 33	Chromosome 11	BG085903 BG063439	237988 71679	115243229 115281233
Cluster 34	Chromosome 14	BG086188 BG071033	19270 Inf	12386066 12386066
Cluster 35	Chromosome 14	BG073963 BG070657	219158 268759	70553598 70559278
Cluster 36	Chromosome 15	BG085919 BG086876	16469 23936	74539752 74583409

Cluster 37	Chromosome 15	BG073090 BG064620	29870 72026	85690405 85724636
Cluster 38	Chromosome 16	BG080326 BG064304	74112 12469	87455300 87496114
Cluster 39	Chromosome 17	BG078866 BG070867	56424 68347	25970306 26012461
Cluster 40	Chromosome 17	BG070867 BQ550575	68347 224624	26012461 26056647
Cluster 41	Chromosome 17	BG079374 BG063876	50782 66978	26344786 26389854
Cluster 42	Chromosome 19	C78065 BG077817	83673 53319	8797976 8831592
Cluster 43	Chromosome 19	BG064032 BG087370	225896 14376	8946082 8972600
Cluster 44	Chromosome 19	BG070958 BG066686	56350 94279	46647575 46647854