

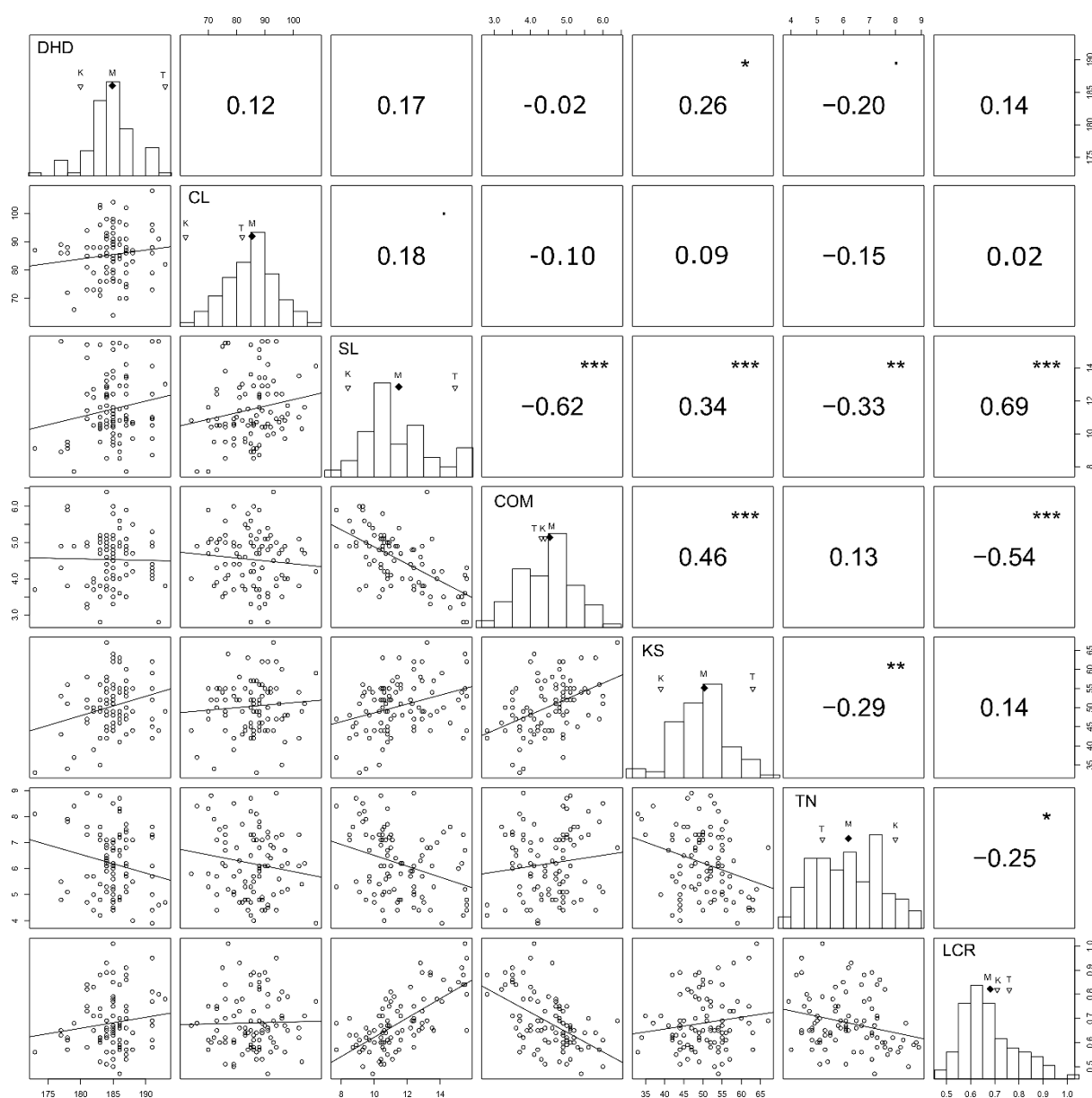


Figure S1. Distribution and correlation of yield potential traits in 94 F₁₀ recombinant inbred lines produced from the cross between Taejoong and Keumkang in 2017. T and K indicate Taejoong and Keumkang, respectively. M (black diamond) indicates the average value of each trait. DHD, days to heading date; CL, culm length; SL, spike length; COM, compactness; KS, kernels per spike; TN, number of tillers; LCR, length of center rachis. An asterisk indicates significance (*, **, and *** at $P \leq 0.05$, $P \leq 0.01$, and $P \leq 0.001$ levels, respectively).

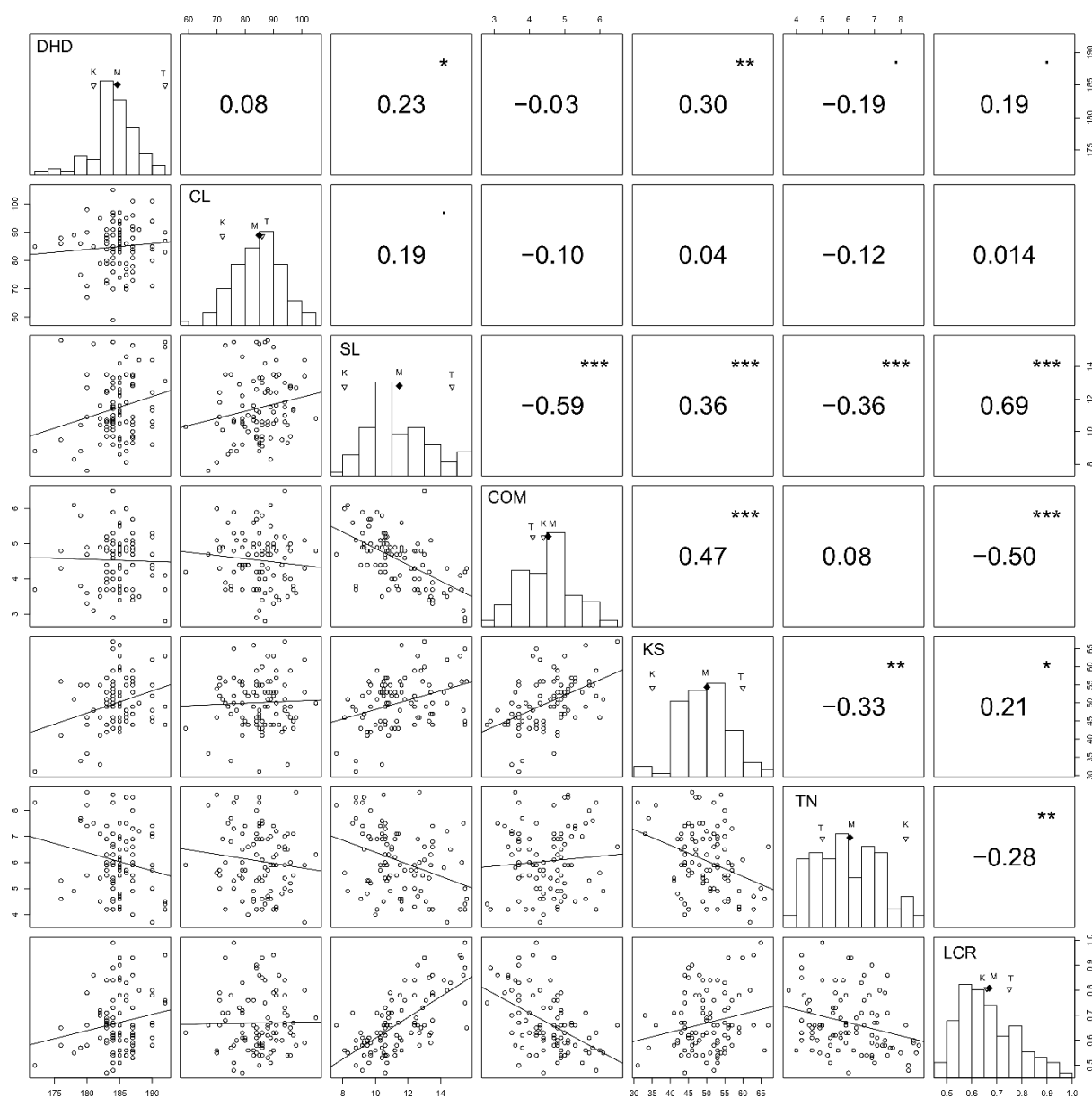


Figure S2. Distribution and correlation of yield potential traits in 94 F₁₀ recombinant inbred lines produced from the cross between Taejoong and Keumkang in 2018. T and K indicate Taejoong and Keumkang, respectively. M (black diamond) indicates the average value of each trait. DHD, days to heading date; CL, culm length; SL, spike length; COM, compactness; KS, kernels per spike; TN, number of tillers; LCR, length of center rachis. An asterisk indicates significance (*, **, and *** at $P \leq 0.05$, $P \leq 0.01$, and $P \leq 0.001$ levels, respectively).

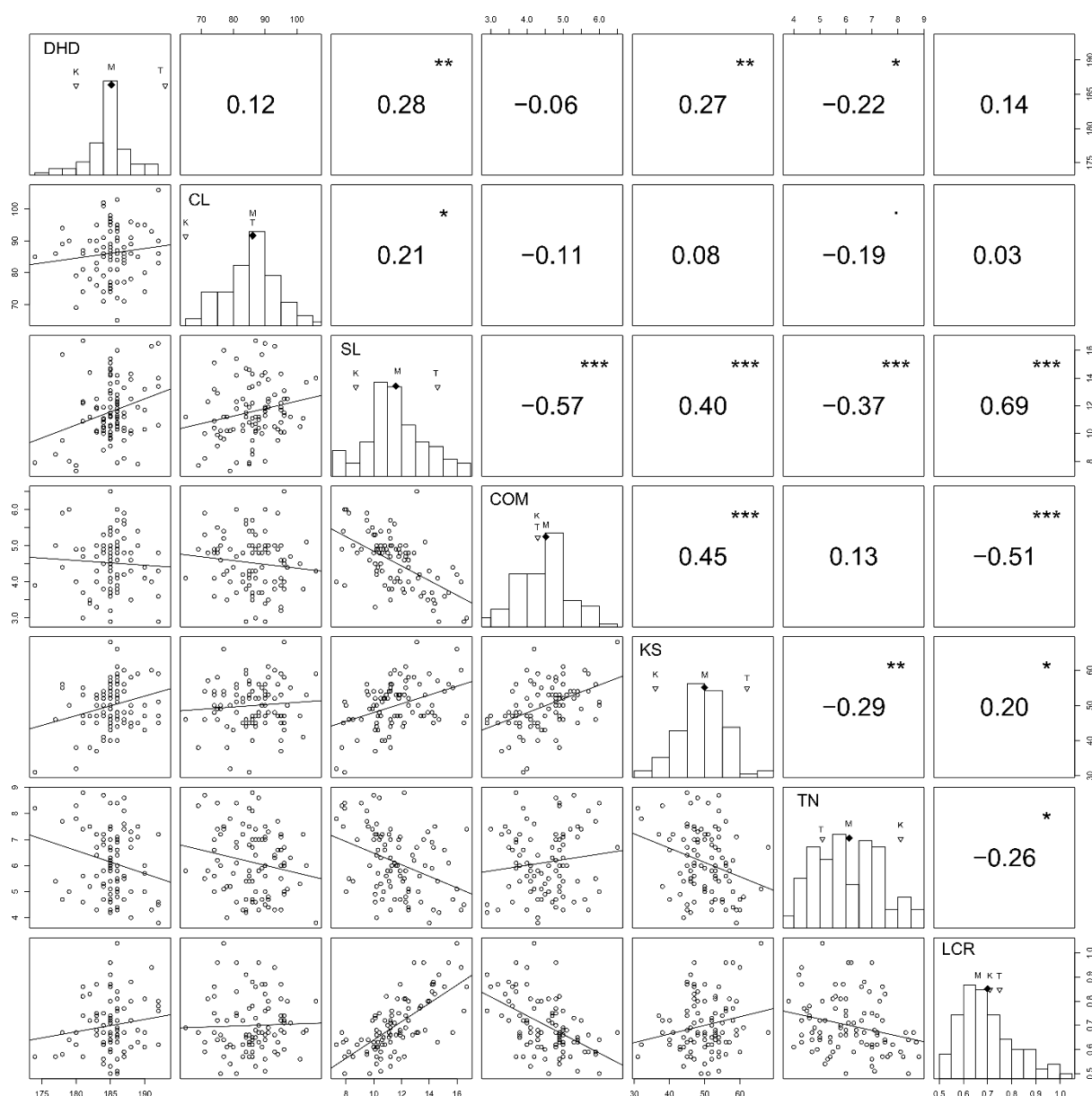


Figure S3. Distribution and correlation of yield potential traits in 94 F₁₀ recombinant inbred lines produced from the cross between Taejoong and Keumkang in 2019. T and K indicate Taejoong and Keumkang, respectively. M (black diamond) indicates the average value of each trait. DHD, days to heading date; CL, culm length; SL, spike length; COM, compactness; KS, kernels per spike; TN, number of tillers; LCR, length of center rachis. An asterisk indicates significance (*, **, and *** at $P \leq 0.05$, $P \leq 0.01$, and $P \leq 0.001$ levels, respectively).

Table S1. Descriptive statistics of the yield potential traits in the Taejoong × Keumkang recombinant inbred lines^a.

Traits	Obs ^a	Year	Mean	Max	Min	Std	Var	Krt	Skw
Days to heading date	94	2017	184.9	193	173	3.44	11.80	1.25	-0.35
		2018	184.7	192	172	3.35	11.26	1.89	-0.59
		2019	185.1	192	174	3.13	9.83	1.62	-0.51
		Mean	184.9	192	173	0.74	0.55	1.63	-0.47
Culm length	94	2017	85.4	108	64	8.82	77.80	-0.23	-0.05
		2018	84.9	105	59	8.39	70.42	0.01	-0.31
		2019	86.1	106	65	8.14	66.28	-0.31	-0.15
		Mean	85.3	105.1	62.4	8.23	67.78	-0.14	-0.19
Spike length	94	2017	11.5	15.6	7.7	1.95	3.80	-0.40	0.51
		2018	11.5	15.6	7.6	1.92	3.69	-0.55	0.42
		2019	11.6	16.7	7.3	2.10	4.41	-0.20	0.35
		Mean	11.5	15.8	7.7	1.96	3.83	-0.39	0.51
Compactness	94	2017	4.5	6.4	2.8	0.74	0.55	-0.41	-0.02
		2018	4.5	6.5	2.8	0.76	0.58	-0.40	0.07
		2019	4.5	6.5	2.9	0.75	0.56	-0.36	0.05
		Mean	4.5	6.5	2.8	0.75	0.56	-0.41	0.03
Kernels per spike	94	2017	50.4	67.0	33	6.69	44.75	0.03	-0.10
		2018	50.1	67.0	31	6.89	47.49	0.27	-0.05
		2019	49.4	68.0	31	6.56	43.00	0.51	-0.17
		Mean	50.1	67.2	31.6	6.61	43.68	0.27	-0.12
Number of tillers	94	2017	6.2	8.9	3.9	1.25	1.57	-0.94	0.18
		2018	6.1	8.7	3.7	1.25	1.56	-0.87	0.19
		2019	6.1	8.8	3.8	1.25	1.56	-0.90	0.18
		Mean	6.1	8.8	3.8	1.25	1.56	-0.90	0.18
Length of center rachis	94	2017	0.68	1.01	0.47	0.11	0.01	-0.09	0.67
		2018	0.68	1.04	0.47	0.11	0.01	-0.08	0.68
		2019	0.70	1.04	0.47	0.11	0.01	-0.08	0.68
		Mean	0.68	1.00	0.5	0.12	0.01	-0.43	0.50

^a Obs = number of observations, Max = maximum, Min = minimum, Std = standard deviation, Var = variance, Krt = kurtosis, Skw = skewness

Table S2. SNP-based genetic map for QTLs related to yield potential traits in 94 F₁₀ recombinant inbred lines produced from the cross between Taejoong and Keumkang.

1A		1B		1D		2A		2B		2D	
AX-94963312	0.0	AX-94581141	0.0	AX-94944372	0.0	AX-95013700	0.0	AX-94465389	0.0	AX-94772604	0.0
AX-95243556	0.0	AX-95025076	37.5	AX-94537816	14.5	AX-95112857	0.0	AX-94806590	43.7	AX-94943237	28.0
AX-94720138	1.1	AX-94395297	48.8	AX-94852384	23.0	AX-94984566	4.1	AX-94970315	44.9	AX-94685217	32.7
AX-95652682	5.4	AX-95154820	55.5	AX-95232646	26.6	AX-94924821	4.1	AX-94716801	86.2	AX-95204727	32.7
AX-94421922	5.4	AX-94925767	58.6	AX-94621037	29.5	AX-94505893	36.6	AX-95009146	101.7	AX-94607630	41.9
AX-94863732	7.1	AX-95226757	65.4	AX-94804524	31.2	AX-94649541	61.4	AX-94767467	115.4	AX-95024089	41.9
AX-94644914	7.1	AX-95216126	67.7	AX-95102985	32.4	AX-95126447	68.5	AX-94808632	116.0	AX-94415458	41.9
AX-94574509	20.9	AX-94778393	67.7	AX-94604435	33.5	AX-94671612	108.2	AX-94890379	142.4	AX-94838334	41.9
AX-94960626	29.5	AX-94441727	73.4	AX-94935095	45.9	AX-94554810	113.7	AX-94882514	142.4	AX-94528855	41.9
AX-94804842	43.4	AX-95005147	95.0	AX-94807857	53.1	AX-94503338	113.7	AX-94693850	142.4	AX-94738848	41.9
AX-95211457	60.5	AX-94648555	95.0	AX-94446956	72.4	AX-94950749	113.7	AX-94452908	142.4	AX-94942882	42.4
AX-94409481	61.6	AX-95068779	95.0	AX-94875666	73.0	AX-95134990	126.5	AX-94965989	144.1	AX-94757556	44.1
AX-95653365	62.2	AX-94966460	95.5	AX-94795073	75.4	AX-94641362	129.4	AX-94671606	155.8	AX-94575658	67.6
AX-94987428	72.9	AX-94990715	95.5	AX-94793594	79.8	AX-94642443	149.3	AX-94567292	162.8	AX-94846244	71.0
AX-94978499	73.4	AX-94640607	95.5	AX-94439319	82.9	AX-95142617	149.3	AX-95069517	162.8	AX-94885603	84.6
AX-94635059	73.4	AX-94629930	95.5	AX-95182813	84.6	AX-94668915	156.8	AX-94764862	168.2	AX-94705091	91.5
AX-94555232	74.0	AX-94408914	95.5	AX-94784370	90.8	AX-94410641	160.2	AX-94381971	168.7	AX-95138506	122.5
AX-94633666	80.1	AX-95130150	95.5	AX-94479292	101.0	AX-94898430	161.3	AX-94439776	171.6	AX-95255429	122.5
AX-94645378	84.8	AX-94949390	97.4	AX-94801647	101.0	AX-95192394	162.4	AX-94607268	191.6	AX-95237860	123.1
AX-94810466	92.5	AX-95654644	121.1	AX-94746478	102.2	AX-94715499	177.8	AX-94494155	191.6	AX-94693471	123.1
AX-95232141	99.5	AX-94488007	126.8	AX-94479947	103.3	AX-95138084	203.7	AX-95207067	192.7	AX-94655347	123.6
AX-94412484	105.1	AX-95254907	129.7	AX-94620168	106.2	AX-94696230	234.2	AX-94448351	192.7	AX-94603703	134.3
AX-94911243	125.9	AX-94465678	129.7	AX-94610095	112.5	AX-95018915	234.2	AX-94427219	192.7	AX-94747841	161.2
AX-94592638	153.9	AX-95259065	129.7	AX-94562966	117.5	AX-94481517	237.1	AX-94693825	192.7	AX-94598441	171.5
AX-94425953	176.4	AX-95198436	134.5	AX-94693862	117.5	AX-94422071	243.2	AX-95231419	192.7	AX-95110192	171.5
AX-95657284	176.4	AX-95208428	134.5	AX-94864550	122.3	AX-94497666	249.2	AX-94538767	192.7	AX-94400737	172.1
AX-95683952	180.6	AX-94629442	136.8	AX-94981729	132.5	AX-94912259	254.5	AX-94490906	192.7	AX-95245928	172.1
AX-94873283	181.1	AX-94476532	139.7	AX-94777670	141.9	AX-94859349	254.5	AX-94473645	192.7	AX-94607578	172.1
AX-95139778	181.1	AX-94847341	139.7	AX-94554649	155.6	AX-94394918	265.2	AX-94940925	192.7	AX-94832338	172.1
AX-94507844	181.1	AX-94430026	146.8	AX-94596291	156.2	AX-94667745	271.9	AX-95112282	193.3	AX-94802107	176.4
AX-94709162	181.1	AX-94667549	151.7	AX-94492556	156.2	AX-95243730	278.0	AX-94593995	193.3	AX-94618441	187.5
AX-95162673	187.8	AX-94501371	154.0	AX-94537736	156.8	AX-94560128	278.0	AX-94586951	193.3	AX-95207306	224.2
AX-95137011	197.8	AX-94716273	157.6	AX-94763625	156.8	AX-94725349	278.0	AX-94881558	193.3	AX-94386616	224.2
AX-94811656	201.5	AX-94401058	157.6	AX-94672308	156.8	AX-95019058	278.0	AX-94401499	207.2	AX-94745278	255.8
AX-95207798	210.3	AX-94413240	157.6	AX-95152103	174.1	AX-94995671	278.6	AX-94386275	208.9	AX-95151743	259.9
AX-94938408	211.4	AX-94425292	159.9	AX-94692978	174.1	AX-94496850	278.6	AX-94547426	211.4	AX-94387680	263.3
AX-95631320	222.4	AX-94783957	160.4	AX-94943234	174.7	AX-94571080	278.6	AX-94623285	214.3	AX-94779177	263.3
AX-94519549	222.9	AX-94766122	160.4	AX-94499961	193.8	AX-95631542	291.4	AX-94960858	217.2	AX-94816253	298.0
AX-94535560	224.1	AX-94880896	169.0	AX-95245523	209.8	AX-94409438	292.5	AX-95019471	230.9	AX-94431257	328.6
AX-95083535	225.8	AX-95257071	179.2	AX-95129810	222.5	AX-95187541	298.7	AX-95257753	232.0	AX-94397085	356.0
AX-94521226	226.4	AX-94933502	180.4	AX-94450439	243.4	AX-94698368	320.3	AX-94934089	235.1		
AX-95201261	228.6	AX-94549122	180.4	AX-94694366	245.6	AX-95023139	320.3	AX-94684313	244.4		
AX-94907052	275.1	AX-94402431	181.5	AX-94390275	264.1	AX-94434257	320.3	AX-94724650	246.1		
AX-94415447	276.9	AX-94408453	185.0	AX-94918964	268.3	AX-95249157	336.2	AX-94431990	246.1		
AX-94715511	276.9	AX-94584294	191.2	AX-94708824	269.4			AX-94778887	246.1		
AX-94517594	279.2	AX-94526208	192.8	AX-94411779	269.4			AX-94495200	251.5		
AX-94982885	291.7	AX-95630190	197.7	AX-94399544	269.4			AX-95630577	252.1		
AX-95144827	296.5	AX-95122579	199.4	AX-94407849	269.4			AX-94542864	252.1		
AX-94875417	334.1	AX-94408295	209.1	AX-95126592	270.0			AX-94493467	252.1		
		AX-95630355	209.1	AX-94570681	270.0			AX-94987799	253.8		
		AX-94618797	209.1	AX-94390476	270.0			AX-95156023	263.8		
		AX-94899483	209.1	AX-94545466	270.0			AX-95142581	265.5		

	AX-94545549	210.2	AX-95215137	270.0		AX-94388615	267.3
	AX-94923910	216.4	AX-94679687	270.0		AX-95185074	267.3
	AX-94887858	216.4	AX-94401696	270.5		AX-94866354	268.4
	AX-94396544	217.0	AX-94522167	270.5		AX-95239034	268.4
	AX-94635647	221.8	AX-95633119	270.5		AX-94383771	269.5
	AX-94981940	222.4	AX-94716836	271.1		AX-94847774	270.0
	AX-94861978	222.4	AX-94579085	271.1		AX-94484528	270.0
	AX-94992565	222.4	AX-94392760	271.1		AX-94420046	270.0
	AX-95022601	223.5	AX-94915859	271.1		AX-95138932	271.9
	AX-95166367	223.5	AX-94943858	271.1		AX-94894810	273.1
	AX-94575410	223.5	AX-94413905	271.1		AX-94472212	276.3
	AX-94668789	223.5	AX-94386524	271.1		AX-94508364	276.3
	AX-94868846	239.0	AX-94442558	271.1		AX-94428841	277.4
	AX-94396554	271.3	AX-94383645	271.1		AX-94797912	279.1
	AX-95174732	273.6	AX-94410259	274.7		AX-94402375	279.1
	AX-94531520	289.5	AX-94886765	274.7		AX-94508946	291.0
	AX-94400468	317.6	AX-95235028	274.7		AX-94451983	293.9
	AX-95202607	319.3	AX-94450337	274.7		AX-95150897	294.5
	AX-94528856	319.3	AX-94603350	274.7		AX-94476746	294.5
	AX-95105440	319.3	AX-94798786	274.7		AX-94925003	294.5
	AX-94853862	319.3	AX-94976542	296.8		AX-94518823	295.1
	AX-94720629	323.1	AX-94801999	311.2		AX-94501692	303.9
	AX-94956073	323.1	AX-95225890	325.0		AX-94852847	306.8
	AX-95629900	323.1	AX-94584593	333.4			
	AX-94414200	326.6	AX-94444426	353.0			
	AX-94757158	330.1	AX-94732625	353.5			
	AX-94673495	332.4	AX-94425172	387.9			
	AX-94632981	335.3	AX-94420704	387.9			
	AX-94620918	335.9	AX-94472283	387.9			
	AX-94455854	339.4					
	AX-95073002	350.2					
	AX-95181599	357.3					
	AX-94748775	357.3					
	AX-94676991	375.1					

Table S2. Continued.

3A		3B		3D		4A		4B		4D	
AX-94449625	0.0	AX-94877000	0.0	AX-95194018	0.0	AX-94464472	0.0	AX-94562842	0.0	AX-94386157	0.0
AX-94461092	4.8	AX-94745543	0.6	AX-95117494	13.7	AX-94514492	2.3	AX-94568124	95.2	AX-94626304	2.3
AX-94725995	5.9	AX-95235883	1.7	AX-94809621	14.3	AX-94639509	3.4	AX-95178464	129.8	AX-95631254	2.3
AX-94502168	12.4	AX-95180632	1.7	AX-95071934	14.3	AX-95202883	27.2	AX-94912930	135.5	AX-95203618	2.8
AX-95144677	19.8	AX-94642963	10.0	AX-94894879	14.3	AX-95124337	66.9	AX-94663391	136.1	AX-94634070	2.8
AX-95236410	25.9	AX-95142306	10.6	AX-95111016	14.3	AX-94764066	103.5	AX-95151424	136.7	AX-94970539	2.8
AX-94794555	30.4	AX-94414729	10.6	AX-94541936	14.3	AX-94517145	107.7	AX-94522843	173.2	AX-94672822	29.2
AX-94489717	30.4	AX-95141489	37.5	AX-94934210	14.3	AX-94989617	107.7	AX-95007707	183.1	AX-94699353	29.2
AX-94619024	30.4	AX-94662528	39.8	AX-94910107	42.4	AX-94736835	107.7	AX-94629926	185.3	AX-94428598	58.5
AX-94722325	76.9	AX-95092904	47.2	AX-94748732	42.4	AX-94437233	152.7	AX-94704307	186.4	AX-95111632	82.6
AX-94914596	91.6	AX-94476007	47.2	AX-94607529	42.4	AX-94977239	183.8	AX-95630040	194.1	AX-94818797	113.1
AX-94728219	109.5	AX-94587003	55.6	AX-94721213	42.4	AX-94721240	185.5	AX-94434500	214.9		
AX-94460524	111.2	AX-94434714	90.0	AX-94415259	42.4	AX-94484388	191.0	AX-94392530	232.7		

AX-95218695	122.9	AX-94978520	112.1	AX-94603083	74.3	AX-94505956	191.0	AX-94635134	233.3
AX-94550243	122.9	AX-95084532	134.2	AX-94491218	74.3	AX-95009583	195.8	AX-95189919	233.3
AX-94541408	122.9	AX-94574371	153.8	AX-94623333	91.6	AX-94795824	195.8	AX-94425133	233.3
AX-95207768	122.9	AX-94557434	176.2	AX-95233503	97.2	AX-94469815	204.7	AX-94624099	233.3
AX-94666858	124.5	AX-94911844	204.2	AX-94535928	121.6	AX-94518705	205.8	AX-94438800	233.3
AX-94429101	125.6	AX-94953870	204.2	AX-94888872	161.8	AX-94766246	236.2	AX-94386855	233.9
AX-94422954	129.1					AX-95257543	273.8	AX-95238241	235.6
AX-94439076	134.5							AX-94938436	235.6
AX-94487902	134.5							AX-94703693	235.6
AX-95135391	143.7							AX-95129444	236.1
AX-94525104	145.4							AX-94701783	236.6
AX-94690253	146.4							AX-95115622	236.6
AX-94866290	147.6							AX-94533044	236.6
AX-94439195	147.6							AX-94682359	236.6
AX-94597894	148.7							AX-95182679	260.0
AX-94508151	148.7							AX-94648501	282.5
AX-94527023	148.7							AX-94543662	311.7
AX-95632270	150.3								
AX-94405021	154.5								
AX-95073432	156.8								
AX-94509782	164.4								
AX-95150598	166.1								
AX-94875965	166.1								
AX-94953987	166.1								
AX-95013434	167.7								
AX-95244147	167.7								
AX-94450405	167.7								
AX-94600877	167.7								
AX-94937664	170.0								
AX-94455123	172.3								
AX-95132491	172.3								
AX-94987631	203.4								
AX-94960788	246.0								
AX-94855154	267.0								
AX-95240191	273.0								

Table S2. Continued.

5A		5B		5D		6A		6B		6D	
AX-94419728	0.0	AX-94915493	0.0	AX-95168091	0.0	AX-94875204	0.0	AX-94977199	0.0	AX-95235132	0.0
AX-94637605	4.2	AX-94940447	1.1	AX-95229346	21.9	AX-95126301	30.4	AX-95130945	23.7	AX-94421293	54.9
AX-94536022	6.5	AX-95148412	1.1	AX-95657302	33.1	AX-94857397	58.4	AX-94804683	28.5	AX-94454802	56.7

AX-94887415	8.2	AX-94699686	5.4	AX-94579337	51.8	AX-94408525	80.1	AX-94770732	31.4	AX-94387694	56.7
AX-94531933	10.5	AX-94608122	5.4	AX-94813848	63.5	AX-94537118	80.1	AX-94916148	33.7	AX-94574625	56.7
AX-94452354	13.4	AX-94491964	5.4	AX-94755266	71.1	AX-94535184	106.0	AX-95071829	36.5	AX-94448809	56.7
AX-94682497	15.7	AX-94470309	5.4	AX-94980785	91.9	AX-94411823	144.1	AX-95652933	37.7	AX-94592725	58.4
AX-95173713	53.3	AX-95115042	13.3	AX-94488774	104.3	AX-94602621	175.2	AX-94446842	38.8	AX-95165543	59.6
AX-95076333	71.4	AX-94568413	28.6	AX-95227398	117.4	AX-94561954	175.2	AX-94969197	46.0	AX-94539205	83.7
AX-94970814	74.5	AX-94945493	51.3	AX-94820607	122.8			AX-94424011	46.0	AX-95026833	125.1
AX-95231735	80.7	AX-94875635	61.4	AX-95228623	123.4			AX-94901526	47.1	AX-95129338	151.4
AX-95108292	91.4	AX-94733268	68.5	AX-95148768	125.6			AX-95109981	50.7	AX-94997638	152.0
AX-94940083	122.5	AX-94534666	74.1	AX-94853198	127.9			AX-94490363	50.7	AX-94609239	152.0
AX-95112961	155.0	AX-95190562	79.0	AX-94489071	139.8			AX-94584253	50.7	AX-95630937	163.6
AX-94913721	196.3	AX-94447402	86.7	AX-95078562	155.0			AX-94749511	53.1	AX-94939358	168.0
AX-94984806	196.9	AX-94503785	93.1	AX-94409094	162.0			AX-95207241	55.0	AX-94667919	171.4
AX-94831718	206.0	AX-95684836	102.5	AX-94894230	166.1			AX-94509919	55.0	AX-94550996	181.3
AX-94846616	219.7	AX-94766462	103.6	AX-94943882	175.7			AX-94759235	56.1	AX-94881375	190.5
AX-94948009	242.7	AX-94549145	106.0	AX-94831039	179.3			AX-94451862	57.9	AX-95217910	194.0
AX-94659097	261.3	AX-94949295	121.2	AX-94966060	185.5			AX-94499484	64.8	AX-94957227	219.9
AX-94502859	268.9	AX-94480675	143.7	AX-94560049	185.5			AX-94693641	64.8	AX-94559074	280.4
AX-94690001	281.2	AX-94435033	158.1	AX-94582897	185.5			AX-94977990	64.8		
AX-94690816	302.3	AX-94817190	171.8	AX-94847013	185.5			AX-94537957	64.8		
AX-95115670	310.0	AX-95685456	173.6	AX-94710218	185.5			AX-94829855	64.8		
AX-95629926	310.6	AX-94873457	214.5	AX-95008927	185.5			AX-95629701	64.8		
AX-94585072	311.7	AX-94414949	249.4	AX-95000138	193.8			AX-94897757	64.8		
AX-94552678	318.7	AX-94800507	254.3	AX-94435238	195.5			AX-95137444	64.8		
AX-94441589	320.4	AX-95176502	254.3	AX-94724456	215.1			AX-94951003	64.8		
AX-94426996	336.9	AX-94429067	279.6	AX-94449265	240.0			AX-94806297	64.8		
AX-95015035	371.6	AX-94785328	304.1	AX-94508301	244.8			AX-95230022	64.8		
AX-94947082	371.6	AX-94492608	324.0	AX-94496082	245.3			AX-94621282	115.8		
AX-94920631	401.4	AX-94511011	324.0	AX-94385317	245.3			AX-95099722	158.2		
AX-94406590	407.6	AX-94749044	346.5	AX-94684842	268.7			AX-94417751	159.9		
AX-94488441	447.8	AX-94502454	366.8	AX-94458300	277.7						
AX-94393350	447.8	AX-94424823	378.5	AX-94474207	300.6						
AX-94432751	459.7	AX-95250945	383.9	AX-94860591	331.7						
		AX-94843616	385.0	AX-94584041	343.5						
		AX-95119979	386.1	AX-95145445	364.7						
		AX-94519749	389.0	AX-94565529	387.2						
		AX-94465885	399.4	AX-94927881	394.1						
		AX-94493482	399.4	AX-94714944	403.4						
		AX-94495953	399.4	AX-94560774	403.9						
		AX-94521932	399.4	AX-95097548	417.7						
		AX-94404854	399.4	AX-94410853	417.7						
		AX-95142423	399.4	AX-94534026	424.5						

	AX-94627936	399.4	AX-94649755	431.4		
	AX-94416401	405.8	AX-94494544	431.4		
	AX-94446293	409.3	AX-94731421	431.4		
	AX-94904781	416.9	AX-95009937	431.4		
	AX-95257493	429.5	AX-94440788	431.4		
	AX-94465985	430.6	AX-94457196	431.4		
	AX-94410503	430.6	AX-94471999	431.4		
	AX-94890349	439.7	AX-94408063	431.4		
	AX-95142448	439.7	AX-94896513	433.8		
	AX-94699304	439.7	AX-94397264	433.8		
	AX-95231255	439.7	AX-94953967	433.8		
	AX-94462625	440.2	AX-94467164	433.8		
	AX-94432664	440.2	AX-94412106	434.4		
	AX-95256298	441.9	AX-94460707	434.4		
	AX-94493169	441.9	AX-94955725	434.4		
	AX-95070532	441.9	AX-94745275	434.4		
	AX-94524014	452.6	AX-94635592	434.4		
	AX-94480810	467.6	AX-95025077	469.0		
	AX-94786042	481.3	AX-95209966	469.0		
	AX-94433869	489.0				
	AX-94605952	490.7				
	AX-94499921	490.7				
	AX-94706358	490.7				
	AX-95011964	502.5				
	AX-94487290	523.0				
	AX-94451559	527.7				
	AX-94390404	527.7				
	AX-94524701	527.7				
	AX-94863590	553.1				
	AX-94393326	553.1				
	AX-94727510	578.4				
	AX-94859739	578.4				

Table S2. Continued.

7A		7B		7D	
AX-95188541	0.0	AX-95023072	0.0	AX-94921533	0.0
AX-94395845	31.0	AX-94915462	0.0	AX-95202787	6.1
AX-94714854	32.7	AX-95008808	68.3	AX-94411546	11.6
AX-95235219	38.2	AX-95142017	100.7	AX-95202641	53.6
AX-94412117	41.0	AX-94799912	132.5	AX-94413894	55.9
AX-94524640	70.2	AX-94728959	140.3	AX-94696367	55.9
AX-94996554	97.6	AX-94590055	163.4	AX-94420021	57.0

AX-94511005	133.7	AX-94436861	163.4	AX-94504972	57.0
AX-94850949	171.3	AX-95248353	163.4	AX-95152265	57.0
AX-95104131	190.4	AX-94996590	165.1	AX-94948706	80.8
AX-94443346	191.5	AX-94537587	165.1	AX-94418300	114.0
AX-94660748	191.5	AX-94408038	166.2	AX-95174534	145.8
AX-94459904	191.5	AX-94676649	168.5	AX-94926638	151.2
AX-94470040	197.8	AX-94684729	168.5	AX-94527365	173.2
AX-95231723	197.8	AX-94474044	172.1	AX-94813540	196.9
AX-94423271	197.8	AX-94700055	173.2	AX-94587682	210.6
AX-94593529	197.8	AX-95195424	174.4	AX-95229588	214.2
AX-94622061	219.2	AX-94849472	182.8	AX-94404962	217.1
AX-95148320	219.2	AX-95652902	190.4	AX-94492621	220.6
AX-95172452	224.6	AX-94617870	211.9	AX-94798474	227.5
AX-94796657	230.9	AX-94430348	211.9	AX-94733039	264.1
AX-95093160	232.0	AX-94460931	217.0	AX-95219718	293.4
AX-94817832	267.3	AX-95657279	217.0	AX-94814963	315.7
AX-95091517	305.9	AX-94829027	217.6	AX-95202508	328.0
AX-94617192	349.6			AX-94639112	363.2
AX-95240942	402.4				
