

Supplemental Material

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Section 2: Supplemental figure/table legends

Section 3: Supplemental Methods, Supplemental Text, and Supplemental References

Section 1:
Supplemental Figures (S1-S6) and Supplemental Tables (S1-S13)

Figure S1

A

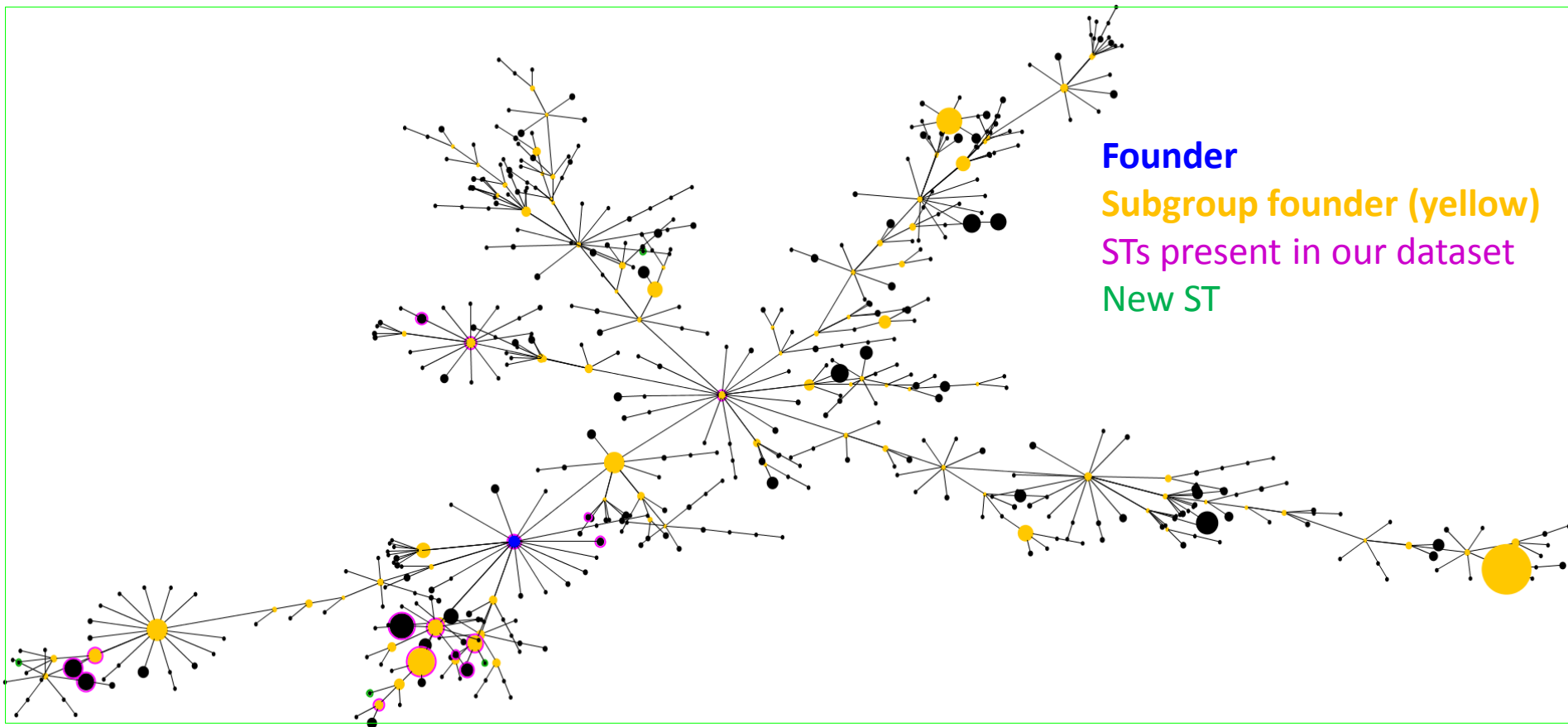


Figure S1

B

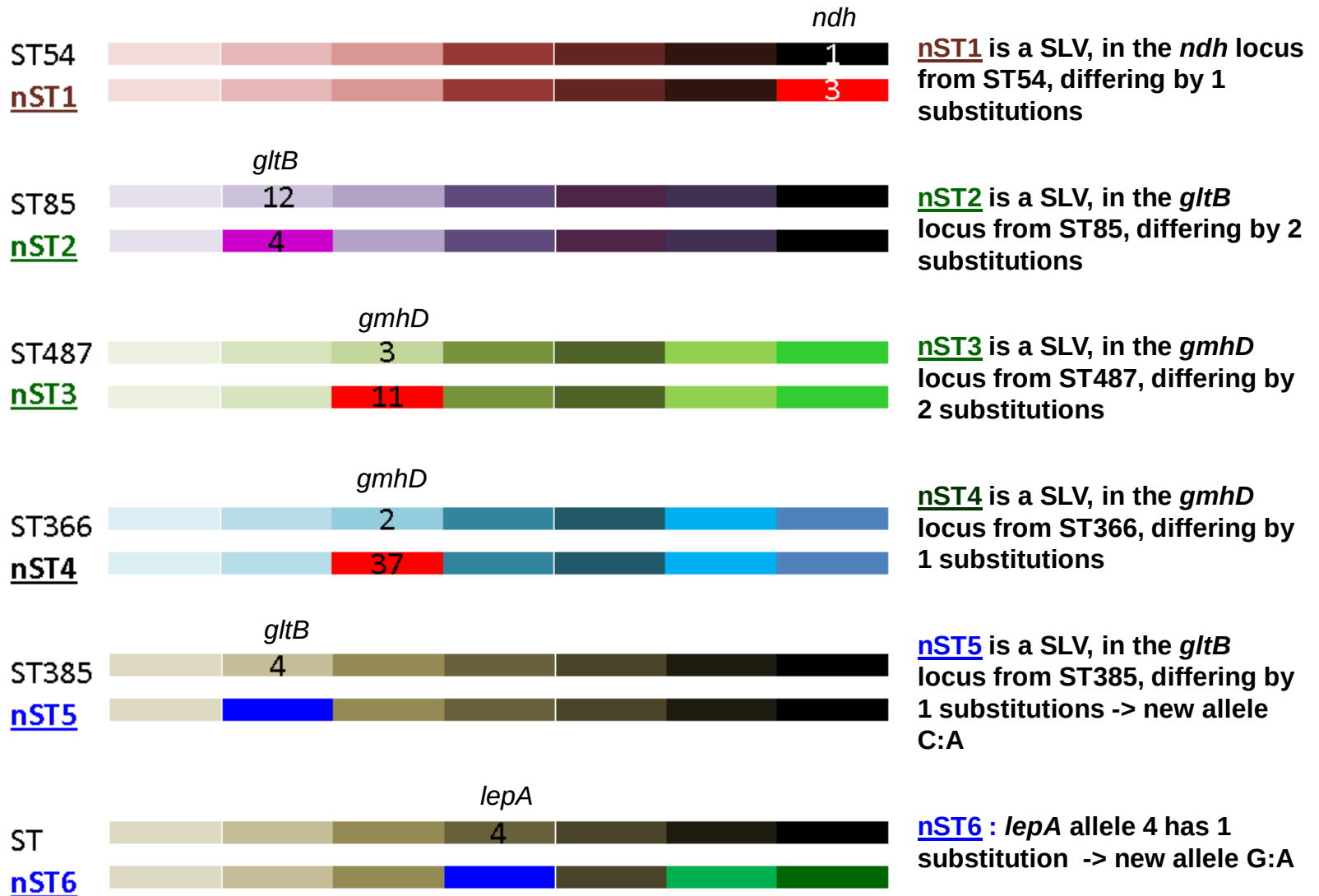
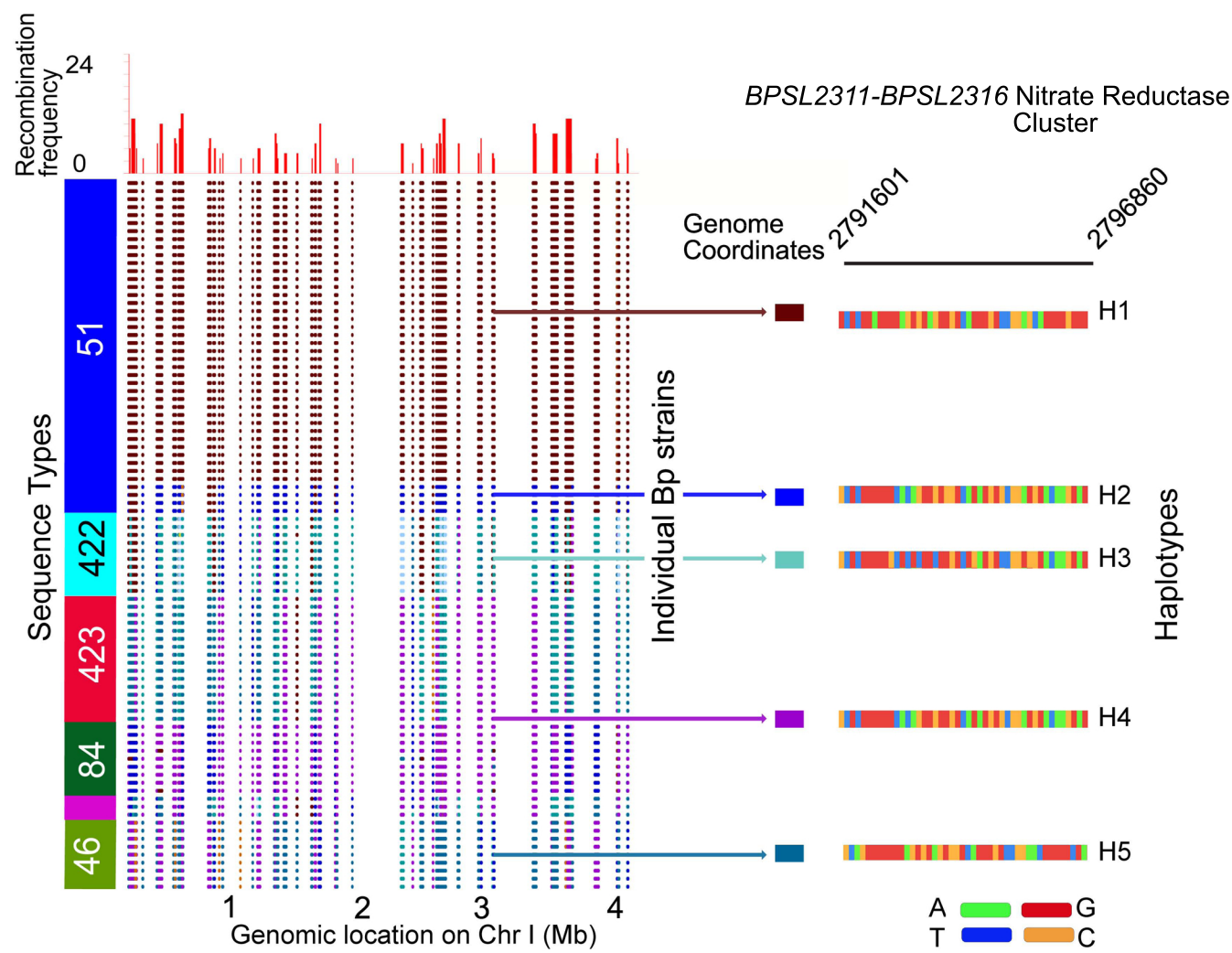


Figure S2

A



B

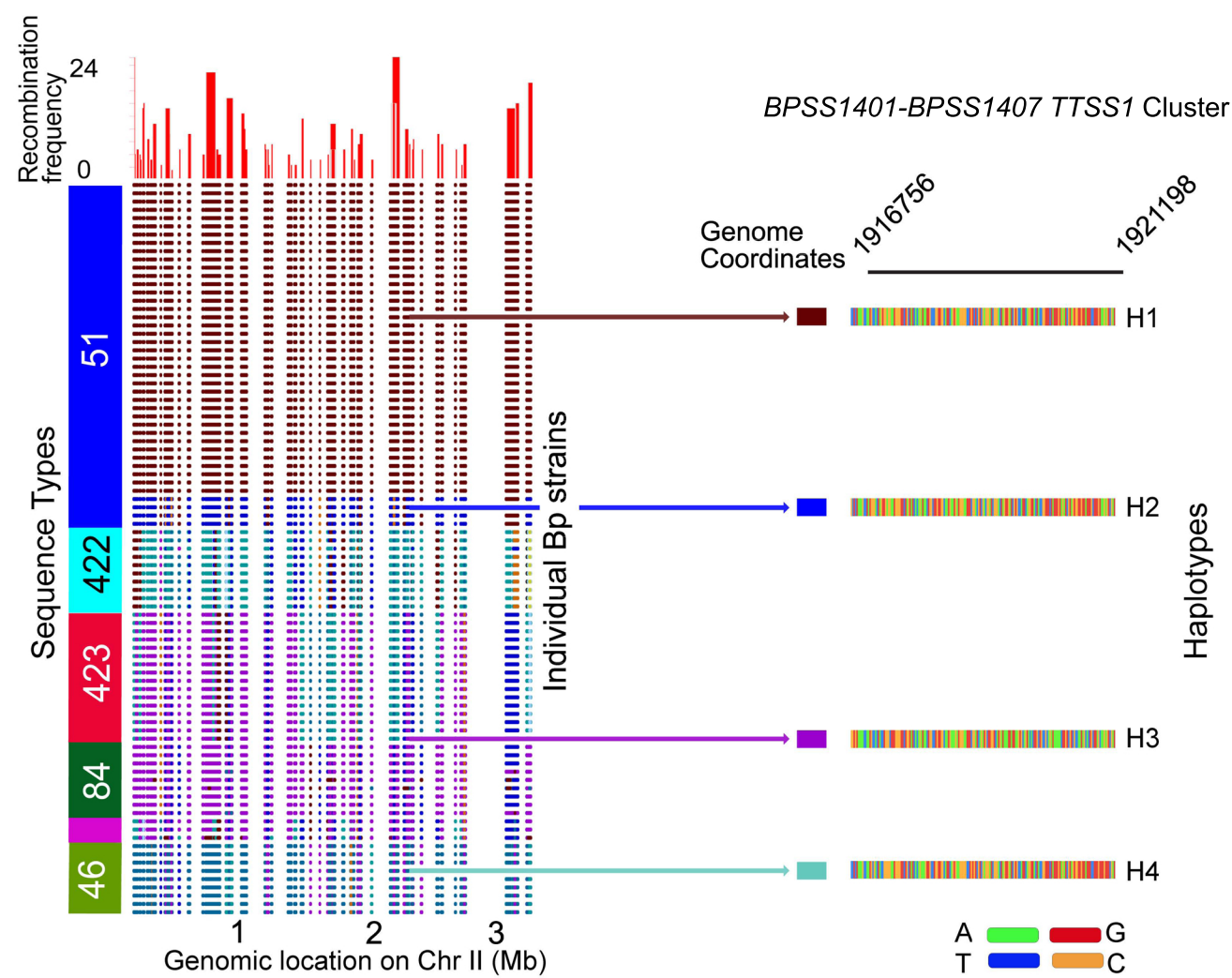
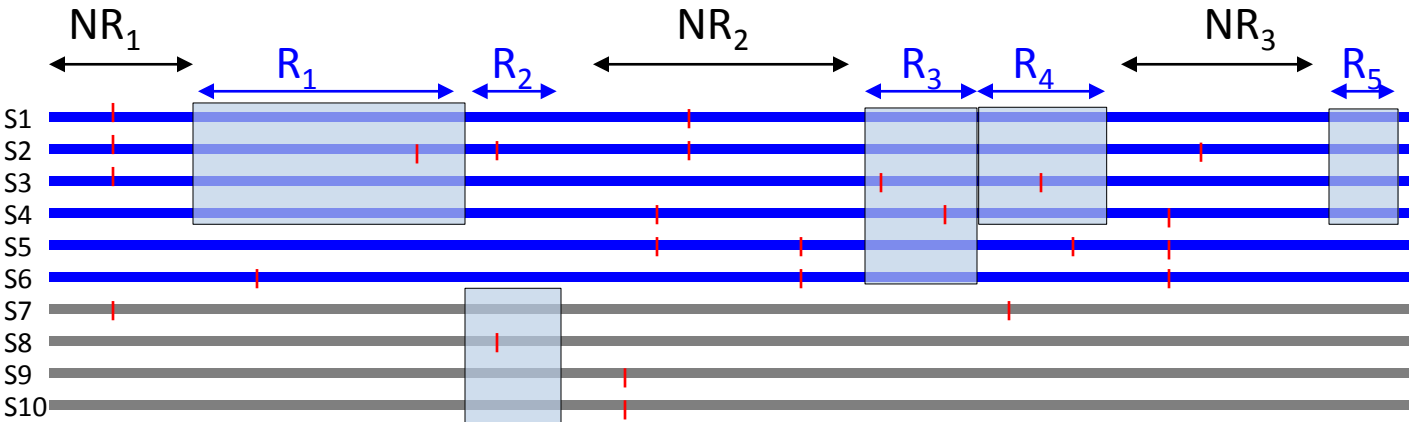


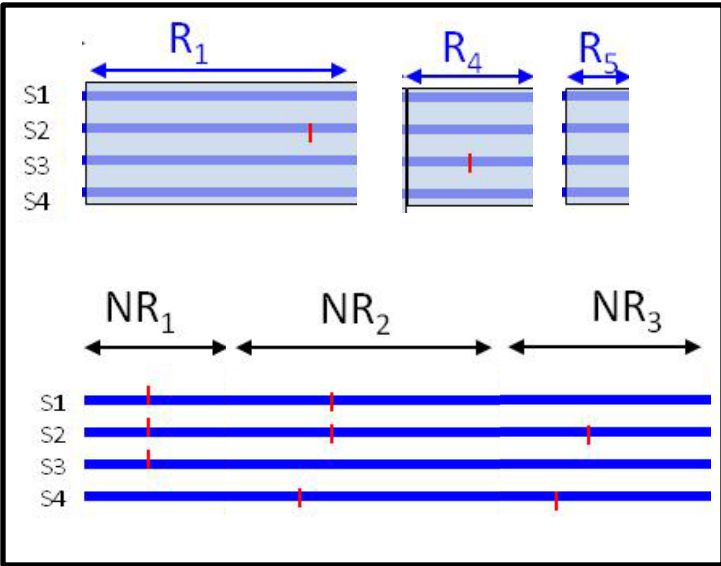
Figure S3

A

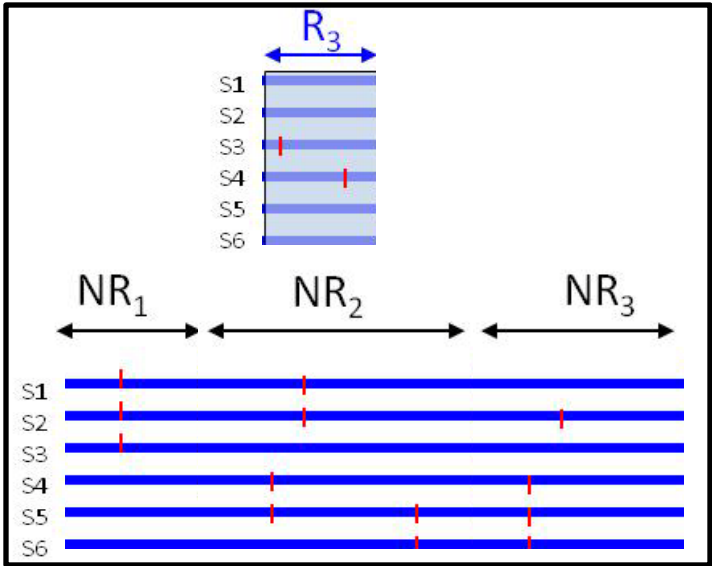


B

Observed Diversity



Expected Diversity



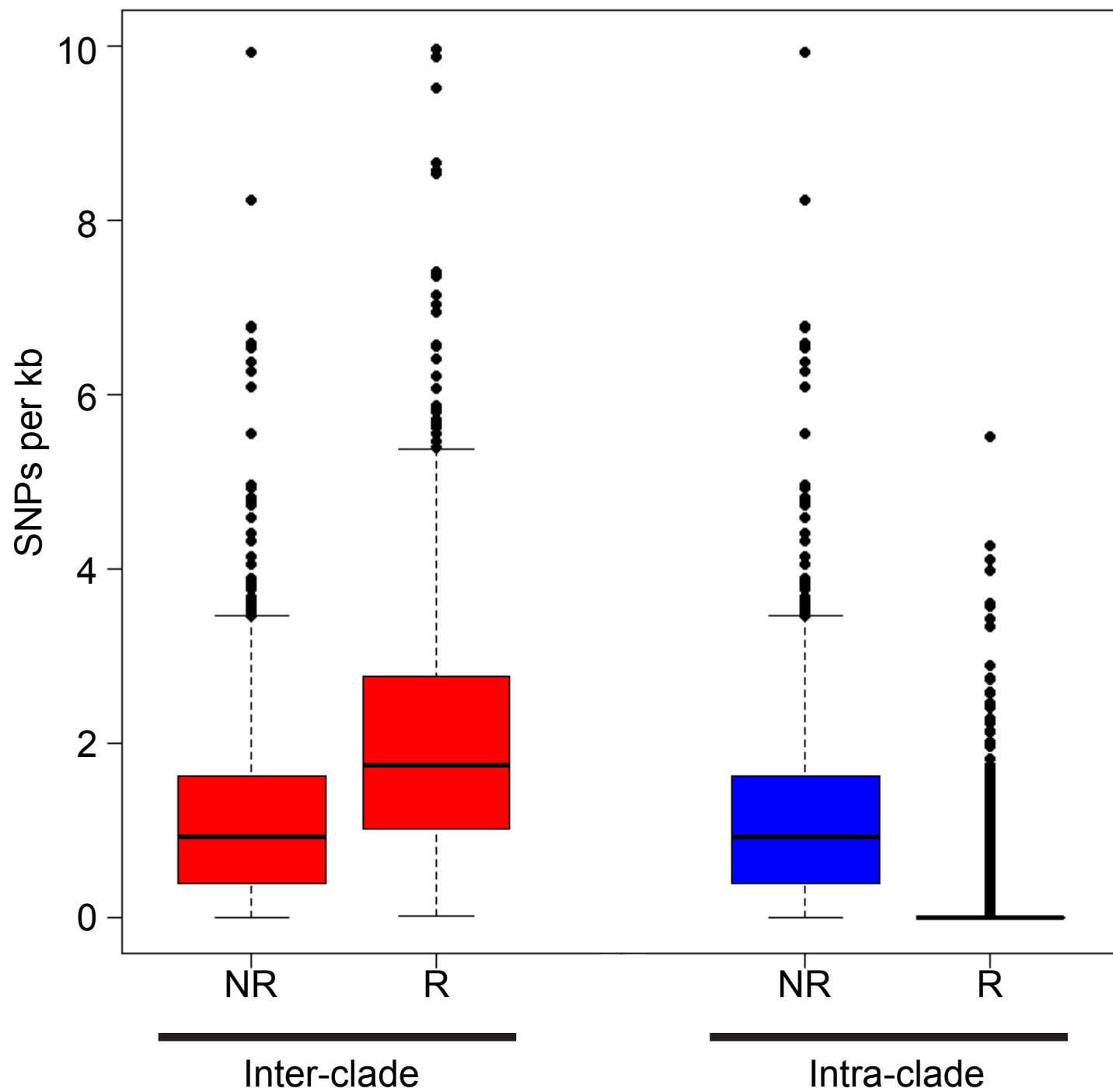


Figure S5

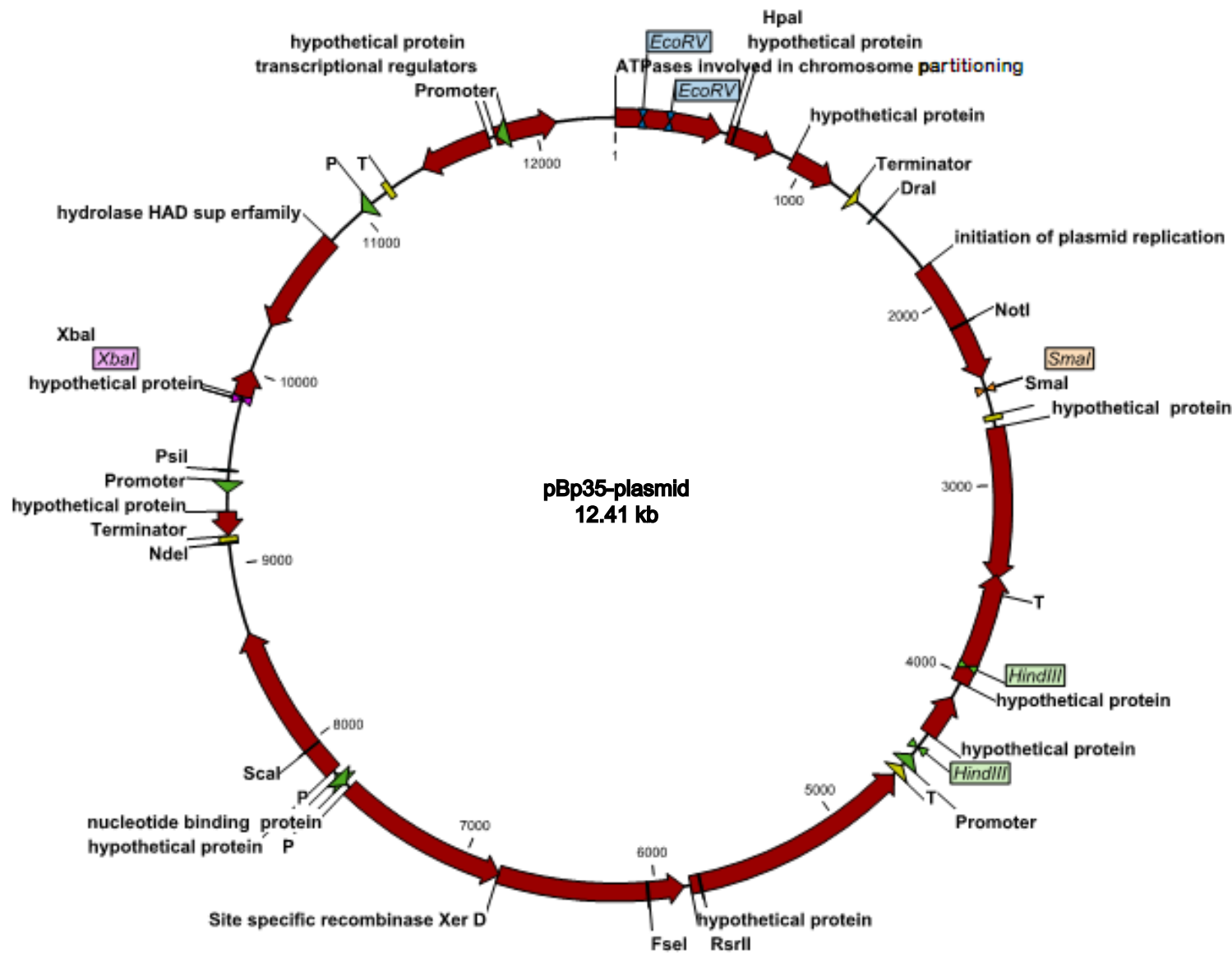


Figure S6

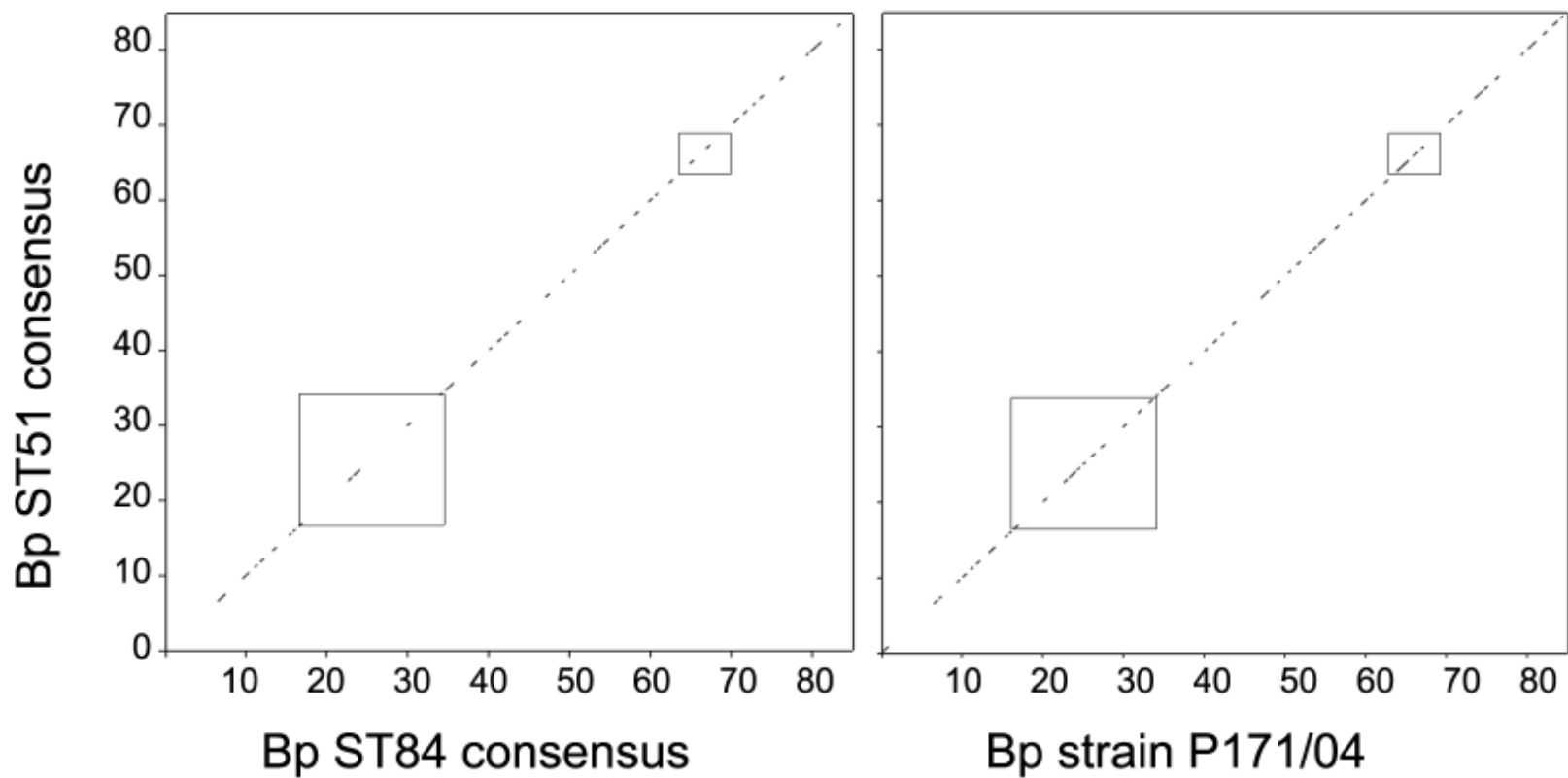


Table S1: Bp strain collection and description

	Isolate name	Source	Geography	Year	ST	Unmapped bases	%mapped	Mapped Coverage
Clinical	K96243	Human	Thailand	1996	10	-	-	Reference
	708a	Human	Thailand	1999	23	255637	96.47	95.88
	EY3	Human Blood	Malaysia	1997	46	297640	95.89	300.95
	EY4	Human Blood	Malaysia	1997	46	279556	96.14	240.89
	EY6	Human	Malaysia*	-	46	282222	96.11	209.25
	2746b	Human blood culture	Thailand	2001	48	330403	95.44	98.44
	6	Human Sputum	Singapore	2000	50	400143	94.48	111.76
	ATCC23343	Human	Singapore*	1996	51	277610	96.17	239.70
	JAM	Human	Singapore	1997	51	306369	95.77	121.72
	4090-0390	Human	Singapore	2004	51	308765	95.74	146.54
	EM1157	Human	Singapore	2004	51	315702	95.64	104.74
	AH4	Human	Singapore	2004	51	313495	95.67	129.73
	AH3	Human	Singapore	2004	51	307431	95.76	122.41
	59	Human Urine	Singapore	1996	51	307277	95.76	118.07
	4086-21	Human	Singapore	-	51	314325	95.66	99.92
	35	Human Pus	Singapore	1996	51	341722	95.28	70.21
	DM15342/00	Human	Singapore	-	51	317325	95.62	68.82
	D1 9033-5008	Human	Singapore	-	51	364226	94.97	72.20
	4009-19	Human	Singapore	2004	51	328122	95.47	40.93
	EY2	Human Blood	Malaysia	1997	84	292463	95.96	136.62
	EY5	Human Non septicemia	Malaysia	1997	84	305927	95.78	176.83
	8	Human Sputum	Singapore	1996	84	360224	95.03	139.44
	11	Human Blood	Singapore	1996	84	316033	95.64	119.25
	20	Human Pus	Singapore	1996	84	363639	94.98	69.88
	EB 6103/04	Human	Singapore	-	84	366165	94.95	95.81
	D6 8346-3058	Human	Singapore	-	84	346268	95.22	231.87
	EM2107	Human	Singapore	2004	84	372172	94.86	48.44
	BRI	Human	UK imported	-	158	330566	95.44	102.16
	EY8	Human Non septicemia	Malaysia	1997	169	288513	96.02	191.00
	10	Human Blood	Singapore	1996	289	354529	95.11	133.31
	DB61901/00	Human	Singapore	2002	289	338020	95.34	284.71
	EY7	Human Non septicemia	Malaysia	1997	414	256595	96.46	234.06
	EB5661	Human	Singapore	2004	422	351765	95.15	111.07
	4094-225	Human	Singapore	2004	422	347946	95.20	147.25
	DB19897/02	Human	Singapore	2002	422	305794	95.78	150.96
	4	Human Pus	Singapore	1996	422	354133	95.11	83.72
	56	Human Blood	Singapore	2000	422	354397	95.11	76.55
	KAS	Human	Singapore	1997	422	356354	95.08	61.21
	EM10266/01	Human	Singapore	2002	422	345742	95.23	153.70
	D10 7310-3154	Human	Singapore	2002	422	357063	95.07	93.37
	K1127 7244-293	Human	Singapore	2002	422	349885	95.17	134.74
	DR13450/01	Human	Singapore	2002	422	347041	95.21	190.09
	4094-0081*	Human	Singapore	2004	423	356606	95.08	98.21

Animal

17	Human Pus	Singapore	2000	423	347877	95.20	186.80
33	Human Sputum	Singapore	1996	423	368812	94.91	73.51
48	Human Pus	Singapore	2000	423	349548	95.18	143.64
54	Human Pericardial fluid	Singapore	2000	423	318323	95.61	67.06
AH1	Human	Singapore	-	423	362916	94.99	93.26
4044-138	Human	Singapore	-	423	362482	95.00	103.03
I6 4043-3096	Human	Singapore	2002	423	371337	94.88	50.29
D7 3230-3018	Human	Singapore	2002	423	340645	95.30	197.69
4033-10	Human	Singapore	2004	423	317199	95.62	56.90
DR08726/01	Human	Singapore	2002	423	361963	95.01	93.66
DB30729/00	Human	Singapore	2002	nST1	319039	95.60	67.68
EY1	Human Blood	Malaysia	1997	nST4	333111	95.40	117.95
HA	Human	Thailand*	-	nST6	342911	95.27	81.86
2/96	Pig	Singapore	1997	46	289774	96.00	148.37
21/96	Pig	Singapore	1997	46	298499	95.88	108.95
497/96	Pig	Singapore	1997	46	285708	96.06	188.72
504/96	Pig	Singapore	1997	46	268421	96.30	438.02
6./96	Pig	Singapore	1997	46	297531	95.89	131.86
35/96	Pig	Singapore	1997	46	300780	95.85	103.11
ATCC15682	Monkey	Singapore	1996	51	320379	95.58	374.60
115	Chimpanzee	Singapore	1996	51	311219	95.71	177.74
561	Kangaroo	Singapore	1996	51	315739	95.64	130.73
G. Shepherd	German Shepherd	Singapore	2000	51	321641	95.56	64.99
612	Crown Pigeon	Singapore	1996	51	311639	95.70	125.97
27/96	Pig	Singapore	1997	51	348604	95.19	144.83
P163/04	Parrot	Singapore	2005	51	317941	95.61	101.10
P166/04	Dog	Singapore	2005	51	361521	95.01	75.74
P157/04	Cat	Singapore	2005	51	324776	95.52	106.36
413	cassowary	Singapore*	-	51	357111	95.07	87.89
EY10	Monkey	Malaysia	1997	51	332121	95.42	108.25
147	palm cockatoo	Singapore*	-	51	311535	95.70	146.83
P165/04	Dog	Singapore	2005	51	325216	95.51	59.06
P169/04	Dog	Singapore	2005	51	317479	95.62	94.05
P164/04	Pig	Singapore	2005	51	363641	94.98	78.60
EY9	Guinea pig	Malaysia	1997	51	339221	95.32	59.19
153	Mueller gibbon	Singapore	1996	51	299295	95.87	35.74
488	Gorilla	Singapore	1996	51	314537	95.66	96.02
10./96	Pig	Singapore	1997	51	352622	95.13	115.89
457/96	Pig	Singapore	1997	51	364498	94.97	59.08
17/96	Pig	Singapore	1997	51	362214	95.00	87.65
23/96	Pig	Singapore	1997	51	344346	95.25	253.04
490	Bird of Paradise	Singapore	1996	51	326342	95.50	123.20
15/96	Pig	Singapore	1997	51	361315	95.01	90.85
P6	Pig	Singapore	1996	54	319219	95.60	291.60
P171/04	Sambar	Singapore	2005	84	362970	94.99	97.95
107	Doug Langur	Singapore	1996	289	366389	94.94	40.09
P170/04	Pig	Singapore	2005	nST5	366405	94.94	85.37

Environment	DB	Pulau Tekong	Singapore	2000	51	329925	95.45	23.75
	77/96	Field	Singapore	1996	51	313719	95.67	95.97
	DC	Pulau Tekong	Singapore	2000	51	339965	95.31	59.53
	109/96	Field	Singapore	1996	51	297513	95.89	302.02
	Soil	Field	Singapore	1996	51	325634	95.51	50.03
	78/96	Field	Singapore	1996	51	325179	95.51	55.17
	79/96	Field	Singapore	1996	51	317422	95.62	96.72
	E0387	Soil	Thailand	-	163	303477	95.81	56.74
	TRF661	Soil	Thailand	2000	300	252105	96.52	102.64
	SW9	Pulau Tekong	Singapore	2000	423	353778	95.12	95.68
	15-10	Pulau Tekong	Singapore	2000	423	363131	94.99	89.62
	15-40	Pulau Tekong	Singapore	2000	423	365256	94.96	81.03
	SW1	Pulau Tekong	Singapore	2000	423	350166	95.17	89.12
	12-40	Pulau Tekong	Singapore	2000	423	368265	94.92	65.22
	E25	soil	Thailand	-	nST2	312078	95.69	90.76
	E8	soil	Thailand	-	nST3	273876	96.22	76.92

* inferred geographic locations

Table S2: Genome coverage and assemblies

Isolate Name	Total length of sequence (bp)	GC %:	Total number of contigs	N ₅₀ stats:	N ₅₀ stats:	N ₅₀ stats:	N ₅₀ stats:
			PCR free approach			Conventional approach	
ATCC15682	7053166		222	28 sequences	84207	941 sequences	1518
P6	7009991	68.29%	263	27 sequences	89963	933 sequences	1483
ATCC23343	7032097	68.27%	218	29 sequences	85581	791 sequences	1903
EY1	7279261	67.86%	201	22 sequences	117717	617 sequences	2482
EY2	7193013	68.18%	282	26 sequences	90534	624 sequences	2616
EY3	7039569	68.24%	260	31 sequences	75841	465 sequences	3861
EY4	7199507	68.17%	276	32 sequences	75952	374 sequences	4866
EY5	7189991	68.18%	269	24 sequences	94891	543 sequences	3109
EY6	7135918	68.22%	265	30 sequences	78827	613 sequences	2818
EY7	7129384	68.23%	229	24 sequences	103943	859 sequences	1571
JAM	7039446	68.26%	183	17 sequences	144002	343 sequences	5050
BP107	6989491	68.31%	327	42 sequences	51940	490 sequences	3400
BP115	7138876	68.17%	215	21 sequences	116949	577 sequences	2668
4090-0390	7069218	68.23%	192	19 sequences	117539	608 sequences	2659
EM1157	7193342	68.11%	182	17 sequences	126366	735 sequences	1999
EB5661	7148982	68.19%	186	13 sequences	162907	601 sequences	2639
AH4	7210465	68.09%	217	25 sequences	92845	719 sequences	2123
AH3	7128877	68.18%	184	17 sequences	126366	689 sequences	2210
4094-0081	7096460	68.21%	220	19 sequences	131971	802 sequences	1795
561	7088735	68.24%	201	23 sequences	111111	720 sequences	2078
4094-225	7117764	68.22%	216	21 sequences	117603	601 sequences	2608
G-Shephard	7088610	68.24%	202	22 sequences	96315	465 sequences	3586
612	7125326	68.22%	172	14 sequences	161431	331 sequences	5308
DB19897/02	7156055	68.20%	215	21 sequences	108358	398 sequences	4306
27/96	7051225	68.25%	193	19 sequences	117536	561 sequences	2876
EY8	7061769	68.30%	234	28 sequences	90227	674 sequences	2467
BP4	7116721	68.22%	204	22 sequences	110969	697 sequences	2388
BP6	6977505	68.16%	226	17 sequences	125871	551 sequences	3147
BP8	7119851	68.20%	243	23 sequences	101350	640 sequences	2484
BP10	6996162	68.30%	229	23 sequences	102577	521 sequences	3201
BP11	7214538	68.14%	240	19 sequences	123418	434 sequences	4091
BP17	7000546	68.30%	243	25 sequences	90785	459 sequences	3864
BP20	7120931	68.20%	257	21 sequences	98478	270 sequences	7019
BP33	7005005	68.31%	234	27 sequences	87895	317 sequences	5580
BP48	7004994	68.30%	253	25 sequences	98030	980 sequences	1354
BP54	7003526	68.30%	235	22 sequences	102095	863 sequences	1659
BP56	7132355	68.21%	219	17 sequences	128109	679 sequences	2085
BP59	7090468	68.23%	172	14 sequences	149309	641 sequences	2507
KAS	7117780	68.22%	227	24 sequences	103190	484 sequences	3312
SW9	7003637	68.30%	221	19 sequences	136938	562 sequences	2907
P166/04	7046662	68.22%	181	16 sequences	128559	460 sequences	3628
39369	7003667	68.30%	218	20 sequences	128385	258 sequences	6910
TRF661	6972747	68.34%	196	13 sequences	186137	356 sequences	5072

P171/04	7115395	68.20%	223	19 sequences	130221	426 sequences	4055
P157/06	7076048	68.24%	157	14 sequences	179170	358 sequences	4769
15/40	7004773	68.30%	214	20 sequences	126568	578 sequences	2789
413	7061589	68.24%	179	14 sequences	146028	550 sequences	3039
EB6103/04	7180788	68.12%	228	17 sequences	157664	679 sequences	2277
4086-21	7108280	68.21%	185	18 sequences	128565	855 sequences	1651
P163/04	7089448	68.24%	174	15 sequences	134409	225 sequences	8012
35	7163089	68.11%	180	19 sequences	126366	737 sequences	1943
E387	7063526	68.27%	242	21 sequences	117249	680 sequences	2314
AM1	7002935	68.30%	208	18 sequences	136945	556 sequences	2866
4044-138	7001486	68.31%	208	18 sequences	128384	299 sequences	5887
147	7039691	68.26%	200	22 sequences	97449	380 sequences	4584
DM15342/00	7097129	68.22%	185	18 sequences	143210	437 sequences	3823
2746B	7071038	68.25%	208	16 sequences	149786	516 sequences	3286
2-96	7207968	68.15%	249	24 sequences	97399	657 sequences	2340
DI9033-508	7010838	68.27%	173	17 sequences	116963	613 sequences	2595
Bps708a	7069367	68.07%	250	16 sequences	138834	446 sequences	4043
EY10	7024038	68.28%	205	20 sequences	121374	273 sequences	6472
BpsHA	7320311	67.95%	231	17 sequences	121782	360 sequences	4992
BpsE25	7198697	68.07%	219	17 sequences	136227	531 sequences	3229
BpsBRI	7116840	68.18%	228	17 sequences	134482	405 sequences	4322
BpsE8	7218988	68.08%	220	18 sequences	131896	392 sequences	4528
P165/04	7120044	68.19%	189	22 sequences	116957	399 sequences	4422
169/04	7298366	68.01%	195	17 sequences	128580	660 sequences	2253
170/04	7127383	68.18%	209	21 sequences	122510	572 sequences	2860
SW1	7002825	68.30%	208	20 sequences	123392	479 sequences	3300
12-40	7004287	68.30%	239	25 sequences	108214	716 sequences	2122
164/04	7050334	68.25%	179	15 sequences	134488	766 sequences	1963
EY9	7068420	68.25%	230	25 sequences	96460	696 sequences	2195
EM10266/01	7117393	68.22%	267	28 sequences	84803	238 sequences	7419
488	7088688	68.24%	214	23 sequences	96321	333 sequences	5238
21/96	7204329	68.15%	252	25 sequences	97831	475 sequences	3660
497/96	7143463	68.20%	288	30 sequences	70724	440 sequences	3968
10-96	7052135	68.25%	195	20 sequences	117536	600 sequences	2574
457/96	7051510	68.25%	248	31 sequences	79575	590 sequences	2785
504/96	7100002	68.24%	292	31 sequences	72199	458 sequences	3888
17/96	7052462	68.25%	213	23 sequences	97403	623 sequences	2503
33847	7134764	68.23%	274	30 sequences	82060	725 sequences	2063
35/96	7177934	68.17%	264	26 sequences	88654	705 sequences	2170
153	7392524	68.06%	1515	106 sequences	21329	515 sequences	3117
23/96	7051192	68.25%	232	28 sequences	84788	446 sequences	3651
D107310-3154	7117496	68.22%	236	26 sequences	92433	342 sequences	5138
K11277244-293	7116420	68.22%	250	26 sequences	89095	234 sequences	7642
I64043-3096	7004682	68.31%	330	40 sequences	59690	311 sequences	5477
P73230-3018	7002380	68.31%	283	30 sequences	70642	458 sequences	3688
DB	7077913	68.30%	1200	197 sequences	10930	463 sequences	3766
77/96	7039551	68.26%	209	24 sequences	99650	647 sequences	2488

DC	7194145	68.14%	328	33 sequences	68997	553 sequences	3081
109/96	7244398	68.09%	229	28 sequences	85565	448 sequences	3781
490	7124194	68.19%	255	27 sequences	87618	655 sequences	2391
4009-19	7092055	68.24%	319	42 sequences	53443	749 sequences	2041
SOIL	7092129	68.24%	289	36 sequences	63732	752 sequences	1916
D68346-3058	7117486	68.20%	274	30 sequences	74860	593 sequences	2654
78/96	7244833	68.09%	246	31 sequences	81754	692 sequences	2135
79/96	7053459	68.25%	204	24 sequences	105017	434 sequences	3888
DR13450/01	7118852	68.22%	260	29 sequences	84792	558 sequences	2808
EM2107	7211189	68.11%	317	36 sequences	60527	484 sequences	3425
15/96	7051677	68.25%	211	23 sequences	91346	656 sequences	2476
4033-10	7002935	68.31%	287	32 sequences	68589	772 sequences	1910
DB30729/00	7149183	68.16%	259	27 sequences	86898	598 sequences	2639
DB61091/00	6980322	68.31%	259	26 sequences	77538	472 sequences	3514
DR08726/01	7004319	68.31%	235	22 sequences	101811	486 sequences	3571

Table S3: List of 342 distinct L-SNPs segregating ST51

SNP coordinate	CDS/rRNA/ tRNA/ Intergenic	Strand	CDS_name	Synonymous/ Non-synonymous	Ref_base	SNP base in ST51a	SNP base in ST51b
256	CDS	-	BPSL0001	S	T	.	C
1581	CDS	-	BPSL0002	S	T	C	.
1686	CDS	-	BPSL0002	S	C	T	.
2022	CDS	-	BPSL0002	S	T	C	.
2082	CDS	-	BPSL0002	S	A	C	.
3462	CDS	-	BPSL0003	S	C	T	.
4152	CDS	-	BPSL0003	S	A	G	.
4395	CDS	-	BPSL0003	S	A	.	G
6346	CDS	-	BPSL0005	S	C	T	.
6400	CDS	-	BPSL0005	S	A	G	.
6587	CDS	-	BPSL0005	N	T	C	.
6832	CDS	-	BPSL0005	S	A	.	G
6846	CDS	-	BPSL0005	N	T	.	C
7286	Intergenic	.	-	-	C	T	.
7442	Intergenic	.	-	-	A	.	G
7518	Intergenic	.	-	-	C	T	.
7525	Intergenic	.	-	-	G	A	.
15849	CDS	+	BPSL0014	S	G	.	A
16382	Intergenic	.	-	-	G	.	C
17077	CDS	+	BPSL0015	S	T	C	.
17836	CDS	+	BPSL0016	S	C	T	.
18058	CDS	+	BPSL0016	S	A	G	.
18274	CDS	+	BPSL0016	S	C	T	.
18535	CDS	+	BPSL0016	S	T	.	C
18832	CDS	+	BPSL0016	S	C	T	.
142173	CDS	+	BPSL0126	S	C	.	T
253198	CDS	-	BPSL0242	N	G	C	.
254062	CDS	-	BPSL0243	S	G	.	T
351400	CDS	-	BPSL0328	S	G	A	.
353001	Intergenic	.	-	-	C	T	.
353039	CDS	-	BPSL0330	S	C	T	.
353174	CDS	-	BPSL0330	S	G	A	.
353207	CDS	-	BPSL0330	S	C	T	.
353473	CDS	-	BPSL0330	N	T	G	.
504622	CDS	+	BPSL0467	S	C	.	T
504682	CDS	+	BPSL0467	S	C	.	T
505000	CDS	+	BPSL0467	S	T	.	C
505252	CDS	+	BPSL0467	S	T	.	C
509580	CDS	+	BPSL0471	S	G	A	.
509996	CDS	+	BPSL0472	S	T	C	.
559327	CDS	-	BPSL0508	S	C	.	T
559342	CDS	-	BPSL0508	N	G	T	.
559819	Intergenic	.	-	-	A	.	G

559880	Intergenic	.	-	-	C	.	T
559928	Intergenic	.	-	-	C	A	T
571662	CDS	-	<i>BPSL0518</i>	N	A	.	C
577654	CDS	-	<i>BPSL0525</i>	S	G	A	.
578092	CDS	-	<i>BPSL0525</i>	S	C	T	.
578200	CDS	-	<i>BPSL0525</i>	S	C	T	.
584538	CDS	-	<i>BPSL0532</i>	S	C	.	T
587767	CDS	-	<i>BPSL0535</i>	S	C	T	.
593103	Intergenic	.	-	-	G	.	C
717821	Intergenic	.	-	-	G	.	T
728264	Intergenic	.	-	-	G	A	.
757761	CDS	-	<i>BPSL0667</i>	N	G	.	T
758457	CDS	-	<i>BPSL0667</i>	S	A	.	G
758460	CDS	-	<i>BPSL0667</i>	S	A	.	G
775182	CDS	-	<i>BPSL0681</i>	N	C	.	T
775693	CDS	-	<i>BPSL0681</i>	S	C	.	G
918568	CDS	-	<i>BPSL0790</i>	S	C	.	T
918598	CDS	-	<i>BPSL0790</i>	S	C	G	.
922243	CDS	+	<i>BPSL0794</i>	S	A	G	.
923233	CDS	+	<i>BPSL0796</i>	N	C	.	T
972692	CDS	+	<i>BPSL0837</i>	N	T	G	.
1045804	CDS	+	<i>BPSL0897</i>	N	G	A	.
1069709	Intergenic	.	-	-	C	.	T
1069953	CDS	-	<i>BPSL0917</i>	S	C	.	T
1071991	CDS	+	<i>BPSL0919</i>	S	C	.	T
1072303	CDS	+	<i>BPSL0919</i>	S	C	.	T
1072450	Intergenic	.	-	-	G	.	A
1074393	CDS	+	<i>BPSL0921</i>	S	G	.	A
1085944	Intergenic	.	-	-	C	.	A
1087042	Intergenic	.	-	-	A	.	G
1087084	CDS	-	<i>BPSL0935</i>	N	C	.	T
1087095	CDS	-	<i>BPSL0935</i>	N	G	.	A
1087345	CDS	-	<i>BPSL0935</i>	S	G	.	A
1087453	CDS	-	<i>BPSL0935</i>	N	C	.	T
1087724	CDS	-	<i>BPSL0935</i>	S	C	.	T
1087808	CDS	-	<i>BPSL0936</i>	N	C	.	T
1088166	CDS	-	<i>BPSL0936</i>	N	C	.	T
1089842	CDS	+	<i>BPSL0938</i>	S	T	.	A
1090646	CDS	+	<i>BPSL0938A</i>	S	G	.	A
1353201	CDS	+	<i>BPSL1172</i>	S	G	A	.
1404837	CDS	+	<i>BPSL1218</i>	N	T	.	G
1405378	CDS	+	<i>BPSL1219</i>	S	T	C	.
1406863	CDS	+	<i>BPSL1222</i>	S	G	.	A
1424817	CDS	-	<i>BPSL1240</i>	S	C	T	.
1431403	Intergenic	.	-	-	G	.	T
1471953	Intergenic	.	-	-	C	A	.
1471956	Intergenic	.	-	-	T	G	.

1472000	Intergenic	.	-	-	A	G	.
1472327	CDS	-	<i>BPSL1270</i>	S	A	G	.
1472636	CDS	-	<i>BPSL1270</i>	S	C	G	.
1611699	Intergenic	.	-	-	C	.	T
1656988	CDS	-	<i>BPSL1422</i>	N	C	.	T
1674118	CDS	+	<i>BPSL1437</i>	S	C	.	G
1674950	CDS	+	<i>BPSL1438</i>	N	G	.	A
1674962	CDS	+	<i>BPSL1438</i>	S	T	.	C
1674989	CDS	+	<i>BPSL1438</i>	N	A	.	G
1675111	Intergenic	.	-	-	C	.	T
1684795	Intergenic	.	-	-	G	T	.
1744946	CDS	+	<i>BPSL1506</i>	N	A	.	T
1745108	Intergenic	.	-	-	A	.	G
1780969	Intergenic	.	-	-	C	.	T
1783383	CDS	+	<i>BPSL1538</i>	S	G	.	A
1783444	CDS	+	<i>BPSL1538</i>	N	G	.	A
1784200	CDS	+	<i>BPSL1539</i>	N	G	.	A
1784896	CDS	+	<i>BPSL1540</i>	S	T	.	C
1785455	CDS	+	<i>BPSL1540</i>	N	C	.	A
1785668	CDS	+	<i>BPSL1540</i>	N	C	.	T
1801025	CDS	+	<i>BPSL1551</i>	S	C	A	.
1823777	CDS	-	<i>BPSL1568</i>	S	G	.	A
1825309	CDS	-	<i>BPSL1570</i>	S	G	A	.
1826714	CDS	-	<i>BPSL1570</i>	N	C	.	T
1831611	CDS	+	<i>BPSL1575</i>	N	C	.	T
2004545	CDS	-	<i>BPSL1712</i>	S	C	.	G
2005500	CDS	-	<i>BPSL1712</i>	N	C	G	.
2005583	CDS	-	<i>BPSL1712</i>	S	T	C	.
2174001	CDS	-	<i>BPSL1825</i>	S	G	.	A
2187677	CDS	-	<i>BPSL1834</i>	N	C	.	A
2189121	CDS	-	<i>BPSL1835</i>	S	C	T	.
2221613	CDS	+	<i>BPSL1868</i>	S	C	.	A
2221778	Intergenic	.	-	-	G	.	A
2221908	Intergenic	.	-	-	G	A	.
2222059	Intergenic	.	-	-	G	.	A
2258575	CDS	-	<i>BPSL1896</i>	S	C	.	A
2326042	CDS	-	<i>BPSL1954</i>	S	G	.	A
2370719	CDS	-	<i>BPSL1988</i>	N	C	.	T
2373311	CDS	+	<i>BPSL1991</i>	S	G	.	A
2469658	CDS	-	<i>BPSL2063</i>	S	C	.	T
2486082	CDS	+	<i>BPSL2075</i>	S	C	T	.
2487152	CDS	+	<i>BPSL2075</i>	S	C	T	.
2557270	CDS	-	<i>BPSL2128</i>	N	G	T	.
2605431	Intergenic	.	-	-	G	.	A
2684819	CDS	-	<i>BPSL2231</i>	N	G	.	A
2685485	Intergenic	.	-	-	C	.	T
2698107	CDS	-	<i>BPSL2238</i>	S	C	.	T

2699657	Intergenic	.	-	-	T	C	.
2699659	Intergenic	.	-	-	G	A	.
2700152	Intergenic	.	-	-	A	.	G
2701566	CDS	-	<i>BPSL2239</i>	S	A	.	G
2701865	Intergenic	.	-	-	C	.	T
2702412	CDS	-	<i>BPSL2240</i>	N	C	.	T
2755057	CDS	-	<i>BPSL2286</i>	S	C	.	G
2755973	CDS	-	<i>BPSL2288</i>	N	C	.	T
2769885	CDS	-	<i>BPSL2300</i>	S	A	.	G
2770525	Intergenic	.	-	-	A	T	.
2776092	CDS	+	<i>BPSL2303</i>	S	C	.	T
2802524	CDS	-	<i>BPSL2320</i>	N	A	.	C
2803835	Intergenic	.	-	-	C	.	T
2880117	Intergenic	.	-	-	G	.	A
2883547	CDS	-	<i>BPSL2387</i>	S	G	.	A
2885413	CDS	-	<i>BPSL2389</i>	S	A	.	G
2947522	CDS	-	<i>BPSL2442</i>	S	A	G	.
2950794	CDS	+	<i>BPSL2446</i>	S	C	T	.
2992911	CDS	-	<i>BPSL2478</i>	S	G	.	A
2993141	CDS	-	<i>BPSL2478</i>	N	T	G	.
3006770	Intergenic	.	-	-	G	.	A
3010037	CDS	+	<i>BPSL2497</i>	S	A	G	.
3043654	CDS	-	<i>BPSL2526</i>	S	C	.	T
3047066	CDS	+	<i>BPSL2529</i>	S	G	A	.
3061587	CDS	+	<i>BPSL2538</i>	N	C	G	.
3061807	CDS	+	<i>BPSL2538</i>	N	C	.	A
3084207	CDS	+	<i>BPSL2555</i>	S	A	.	G
3088098	CDS	+	<i>BPSL2559</i>	S	G	.	C
3093004	CDS	-	<i>BPSL2563</i>	S	T	C	.
3127270	CDS	+	<i>BPSL2606</i>	N	G	.	T
3127404	CDS	+	<i>BPSL2606</i>	S	T	C	.
3129213	CDS	-	<i>BPSL2608</i>	S	G	A	.
3129341	CDS	-	<i>BPSL2608</i>	S	G	A	.
3129447	CDS	-	<i>BPSL2608</i>	S	C	.	G
3130678	CDS	-	<i>BPSL2609</i>	S	G	.	A
3132080	CDS	-	<i>BPSL2611</i>	S	G	.	A
3132449	CDS	-	<i>BPSL2611</i>	S	G	.	A
3145618	CDS	+	<i>BPSL2623</i>	S	G	.	A
3171883	CDS	+	<i>BPSL2649</i>	S	G	.	A
3173473	CDS	-	<i>BPSL2650</i>	S	G	.	A
3173606	Intergenic	.	-	-	C	.	T
3174445	CDS	+	<i>BPSL2651</i>	N	C	.	T
3202225	CDS	-	<i>BPSL2676</i>	S	C	.	T
3202303	CDS	-	<i>BPSL2676</i>	S	T	.	C
3206463	CDS	-	<i>BPSL2679</i>	S	C	.	T
3212540	CDS	-	<i>BPSL2685</i>	S	G	.	A
3214427	CDS	+	<i>BPSL2687</i>	S	C	.	G

3290136	CDS	+	<i>BPSL2747</i>	S	G	C	.
3292306	Intergenic	.	-	-	C	.	T
3292328	Intergenic	.	-	-	T	.	C
3292338	Intergenic	.	-	-	G	.	A
3292979	CDS	+	<i>BPSL2751</i>	S	G	.	A
3317897	CDS	-	<i>BPSL2779</i>	S	G	.	A
3319429	CDS	-	<i>BPSL2780</i>	S	T	.	C
3319446	CDS	-	<i>BPSL2780</i>	N	C	T	.
3357615	CDS	+	<i>BPSL2808</i>	S	C	T	.
3448231	CDS	+	<i>BPSL2881</i>	N	C	.	T
3456319	Intergenic	.	-	-	G	A	.
3496004	CDS	+	<i>BPSL2927</i>	S	A	G	.
3497131	CDS	+	<i>BPSL2928</i>	S	A	G	.
3497328	CDS	+	<i>BPSL2928</i>	N	A	C	.
3499537	CDS	-	<i>BPSL2930</i>	N	G	.	T
3573920	Intergenic	.	-	-	C	T	.
3573963	CDS	-	<i>BPSL2998</i>	S	G	.	A
3574756	CDS	-	<i>BPSL2998</i>	N	T	.	A
3574950	CDS	-	<i>BPSL2998</i>	S	T	C	.
3579265	CDS	-	<i>BPSL3002</i>	S	T	.	C
3581657	CDS	-	<i>BPSL3004</i>	S	G	.	A
3598142	CDS	-	<i>BPSL3018</i>	S	A	G	.
3598342	Intergenic	.	-	-	A	G	.
3602086	CDS	-	<i>BPSL3022</i>	S	C	.	T
3608478	CDS	-	<i>BPSL3027</i>	S	G	.	T
3608646	CDS	-	<i>BPSL3027</i>	S	T	.	C
3608992	CDS	-	<i>BPSL3028</i>	S	G	.	A
3609041	CDS	-	<i>BPSL3028</i>	N	T	C	.
3610081	CDS	-	<i>BPSL3029</i>	N	C	.	T
3610908	CDS	-	<i>BPSL3029</i>	S	C	T	.
3633785	CDS	+	<i>BPSL3043</i>	S	T	C	.
3640971	CDS	+	<i>BPSL3050</i>	S	T	.	C
3644264	CDS	+	<i>BPSL3054</i>	N	C	.	T
3644276	CDS	+	<i>BPSL3054</i>	N	C	.	T
3644457	CDS	+	<i>BPSL3054</i>	S	C	.	T
3644765	Intergenic	.	-	-	C	T	.
3644813	CDS	+	<i>BPSL3055</i>	S	G	C	.
3716025	CDS	+	<i>BPSL3110</i>	S	C	.	A
3718395	Intergenic	.	-	-	G	A	.
3719970	CDS	+	<i>BPSL3115</i>	N	C	A	.
3811570	CDS	-	<i>BPSL3216</i>	S	G	.	A
3812110	CDS	-	<i>BPSL3216</i>	S	C	.	T
3814018	Intergenic	.	-	-	T	C	.
3819119	CDS	-	<i>BPSL3220</i>	S	T	C	.
3858922	CDS	+	<i>BPSL3247</i>	S	C	.	T
3860460	CDS	+	<i>BPSL3248</i>	S	G	.	A
3861685	CDS	+	<i>BPSL3249</i>	S	T	.	C

3861997	CDS	+	<i>BPSL3249</i>	S	G	.	A
3863427	Intergenic	.	-	-	A	.	G
3864285	CDS	+	<i>BPSL3251</i>	S	C	T	.
3949026	CDS	+	<i>BPSL3329</i>	N	T	G	.
3949364	Intergenic	.	-	-	G	.	C
3949829	CDS	-	<i>BPSL3330</i>	N	C	T	.
4085484	Intergenic	.	-	-	A	.	C
4086388	CDS	+	<i>BPSS0012</i>	S	C	.	T
4303077	CDS	-	<i>BPSS0170</i>	N	C	.	T
4430567	CDS	+	<i>BPSS0268</i>	S	C	.	T
4430935	CDS	+	<i>BPSS0268</i>	S	A	.	G
4432017	CDS	+	<i>BPSS0268</i>	N	G	A	.
4489904	CDS	-	<i>BPSS0306</i>	S	G	.	T
4514873	CDS	+	<i>BPSS0313</i>	S	G	A	.
4555021	CDS	+	<i>BPSS0346</i>	S	T	C	.
4556373	CDS	+	<i>BPSS0348</i>	S	T	C	.
4556980	CDS	+	<i>BPSS0348</i>	N	A	G	.
4558749	Intergenic	.	-	-	A	G	.
4558860	CDS	+	<i>BPSS0350</i>	S	C	T	.
4643755	CDS	+	<i>BPSS0414</i>	S	C	T	.
4737005	CDS	+	<i>BPSS0486</i>	S	A	G	.
4803271	CDS	+	<i>BPSS0533</i>	N	A	.	G
4869149	Intergenic	.	-	-	C	T	.
4869209	Intergenic	.	-	-	C	.	A
4907509	CDS	-	<i>BPSS0610</i>	S	G	.	A
4926749	CDS	-	<i>BPSS0624</i>	S	C	T	.
4926887	CDS	-	<i>BPSS0624</i>	S	G	.	A
4999469	CDS	+	<i>BPSS0684</i>	S	C	T	.
4999922	CDS	+	<i>BPSS0684</i>	S	A	.	G
5000733	CDS	+	<i>BPSS0685</i>	S	G	.	A
5001879	CDS	+	<i>BPSS0686</i>	S	A	.	G
5009074	CDS	+	<i>BPSS0693</i>	S	T	.	C
5061897	CDS	-	<i>BPSS0734</i>	N	A	.	C
5130324	CDS	+	<i>BPSS0790</i>	N	C	.	G
5220039	CDS	+	<i>BPSS0855</i>	N	T	.	G
5318121	Intergenic	.	-	-	A	.	G
5319530	CDS	+	<i>BPSS0943</i>	S	G	.	A
5333394	CDS	-	<i>BPSS0956</i>	S	G	.	A
5333968	Intergenic	.	-	-	T	.	G
5338477	Intergenic	.	-	-	A	.	C
5339470	CDS	+	<i>BPSS0960</i>	S	T	.	C
5340328	CDS	+	<i>BPSS0960</i>	S	C	.	T
5349575	CDS	-	<i>BPSS0964</i>	S	C	.	T
5389549	CDS	-	<i>BPSS0995</i>	N	C	T	.
5391658	Intergenic	.	-	-	C	A	.
5393052	CDS	-	<i>BPSS0997</i>	S	G	.	A
5394193	CDS	-	<i>BPSS0998</i>	S	G	.	A

5492177	CDS	-	BPSS1041	S	A	G	.
5725782	CDS	+	BPSS1221	S	G	A	.
5725959	CDS	+	BPSS1221	S	T	.	C
5948071	CDS	-	BPSS1369	S	C	.	G
6010101	Intergenic	.	-	-	G	.	T
6010193	Intergenic	.	-	-	A	.	G
6013238	CDS	-	BPSS1424	S	C	.	T
6013869	Intergenic	.	-	-	C	A	.
6077996	Intergenic	.	-	-	G	A	.
6361922	CDS	-	BPSS1665	S	G	.	C
6361985	CDS	-	BPSS1665	S	A	G	.
6435854	CDS	+	BPSS1722	S	C	.	T
6436741	CDS	+	BPSS1723	S	G	A	.
6437635	CDS	+	BPSS1724	S	T	.	C
6539052	CDS	+	BPSS1804	N	T	.	C
6539276	CDS	+	BPSS1804	S	C	.	A
6539967	CDS	-	BPSS1805	S	C	G	.
6540038	CDS	-	BPSS1805	S	G	.	A
6544669	CDS	-	BPSS1811	S	A	.	G
6549854	Intergenic	.	-	-	A	.	G
6575532	CDS	-	BPSS1838	N	G	.	T
6658851	CDS	-	BPSS1907	N	A	.	G
6659536	CDS	-	BPSS1907	S	A	.	G
6666274	CDS	-	BPSS1913	S	G	.	A
6707956	CDS	-	BPSS1946	N	C	.	T
6759689	CDS	+	BPSS1984	S	G	.	A
6759713	CDS	+	BPSS1984	S	C	T	.
6759881	CDS	+	BPSS1984	S	T	C	.
6760157	CDS	+	BPSS1984	S	C	A	.
6760193	CDS	+	BPSS1984	S	G	.	A
6760205	CDS	+	BPSS1984	S	G	.	C
6760708	CDS	+	BPSS1985	S	C	G	.
6761810	CDS	+	BPSS1986	S	G	.	A
6761870	CDS	+	BPSS1986	S	G	A	.
6767710	Intergenic	.	-	-	A	G	.
6767758	Intergenic	.	-	-	A	.	G
6768036	CDS	-	BPSS1992	S	G	.	A
6793494	CDS	-	BPSS2011	S	T	C	.
6793518	CDS	-	BPSS2011	S	A	G	.
6793611	CDS	-	BPSS2011	S	A	.	G
6808876	CDS	+	BPSS2023	N	G	.	A
6808907	Intergenic	.	-	-	G	.	A
6809388	CDS	-	BPSS2024	S	G	.	A
6832514	CDS	+	BPSS2042	S	A	G	.
6832904	CDS	+	BPSS2042	S	T	C	.
6833237	CDS	+	BPSS2042	S	C	T	.
6833360	CDS	+	BPSS2042	S	C	.	T

6837007	CDS	+	<i>BPSS2046</i>	S	G	.	A
6905177	CDS	-	<i>BPSS2092</i>	N	T	.	C
6905634	CDS	-	<i>BPSS2092</i>	S	G	.	A
6906168	CDS	-	<i>BPSS2093</i>	S	A	G	.
6906456	CDS	-	<i>BPSS2093</i>	S	A	G	.
6913272	CDS	-	<i>BPSS2096</i>	S	G	A	.
7114061	CDS	-	<i>BPSS2261</i>	S	A	G	.
7119994	CDS	-	<i>BPSS2267</i>	S	G	A	.
7135761	CDS	+	<i>BPSS2278</i>	S	G	A	.
7156689	CDS	-	<i>BPSS2291</i>	S	G	A	.
7158591	CDS	-	<i>BPSS2291</i>	S	G	C	.
7163022	CDS	+	<i>BPSS2295</i>	S	G	A	.
7222257	CDS	-	<i>BPSS2332</i>	S	C	.	T
7222596	CDS	-	<i>BPSS2332</i>	S	C	.	T
7227117	CDS	-	<i>BPSS2337</i>	S	C	.	T
7234322	CDS	-	<i>BPSS2343</i>	S	G	A	.
7235281	Intergenic	.	-	-	A	.	G

Supplemental Table S4**a) Distribution of L-SNPS across Bp Chr I and Chr II**

S.No	Bp Chr	Coding		
		Syn	NSy	Syn / Nsy
1	Chr I	3792 (54.15%)	1633 (23.32%)	1 (0.01%)
2	Chr II	1579 (47.68%)	933 (28.17%)	0

b) Distribution of L-SNPS across genic and intergenic regions

	Coding %	Non-coding %	#SNPs coding	#SNPs non-coding	Total #SNPs
Bp Chr I	3418684 (83.90%)	655858 (16.10%)	5437	1565	7002
Bp Chr II	2628633 (82.80%)	544372 (17.16%)	2516	796	3312

Stop codons	Noncoding	TOTAL
11 (0.16%)	1565 (22.35%)	7002
4 (0.12%)	796 (24.03%)	3312

Table S5: List of L-SNPs within Bp core genome (Chr I and Chr II)

Chromosome	SNP co-ordinate	Feature	Strand	Gene ID	Sy /Nsy	Reference base	SNP base
Bp Chr I	82	CDS	-	<i>BPSL0001</i>	S	G	A
Bp Chr I	238	CDS	-	<i>BPSL0001</i>	S	C	T
Bp Chr I	256	CDS	-	<i>BPSL0001</i>	S	T	C
Bp Chr I	649	CDS	-	<i>BPSL0001</i>	S	G	A
Bp Chr I	814	CDS	-	<i>BPSL0001</i>	S	T	C
Bp Chr I	918	CDS	-	<i>BPSL0001</i>	S	T	G
Bp Chr I	919	CDS	-	<i>BPSL0001</i>	S	G	A
Bp Chr I	1284	CDS	-	<i>BPSL0002</i>	S	A	G
Bp Chr I	1581	CDS	-	<i>BPSL0002</i>	S	T	C
Bp Chr I	1686	CDS	-	<i>BPSL0002</i>	S	C	T
Bp Chr I	1905	CDS	-	<i>BPSL0002</i>	S	G	A
Bp Chr I	2022	CDS	-	<i>BPSL0002</i>	S	T	C
Bp Chr I	2028	CDS	-	<i>BPSL0002</i>	S	G	A
Bp Chr I	2082	CDS	-	<i>BPSL0002</i>	S	A	C
Bp Chr I	2235	CDS	-	<i>BPSL0002</i>	S	G	A
Bp Chr I	2721	Intergenic	.	-	-	A	G
Bp Chr I	2761	Intergenic	.	-	-	C	T
Bp Chr I	2999	Intergenic	.	-	-	G	A
Bp Chr I	3069	Intergenic	.	-	-	C	T
Bp Chr I	3072	Intergenic	.	-	-	G	T
Bp Chr I	3082	Intergenic	.	-	-	T	C
Bp Chr I	3162	CDS	-	<i>BPSL0003</i>	S	A	G
Bp Chr I	3462	CDS	-	<i>BPSL0003</i>	S	C	T
Bp Chr I	3522	CDS	-	<i>BPSL0003</i>	S	A	G
Bp Chr I	4152	CDS	-	<i>BPSL0003</i>	S	A	G
Bp Chr I	4318	CDS	-	<i>BPSL0003</i>	N	C	A
Bp Chr I	4395	CDS	-	<i>BPSL0003</i>	S	A	G
Bp Chr I	4652	CDS	-	<i>BPSL0003</i>	N	T	C
Bp Chr I	4782	CDS	-	<i>BPSL0003</i>	S	C	T
Bp Chr I	4985	CDS	-	<i>BPSL0003</i>	N	C	T
Bp Chr I	6208	CDS	-	<i>BPSL0005</i>	S	G	A
Bp Chr I	6292	CDS	-	<i>BPSL0005</i>	S	C	A
Bp Chr I	6346	CDS	-	<i>BPSL0005</i>	S	C	T
Bp Chr I	6400	CDS	-	<i>BPSL0005</i>	S	A	G
Bp Chr I	6441	CDS	-	<i>BPSL0005</i>	N	C	T
Bp Chr I	6445	CDS	-	<i>BPSL0005</i>	S	G	T
Bp Chr I	6451	CDS	-	<i>BPSL0005</i>	S	T	C
Bp Chr I	6470	CDS	-	<i>BPSL0005</i>	N	C	T
Bp Chr I	6587	CDS	-	<i>BPSL0005</i>	N	T	C
Bp Chr I	6751	CDS	-	<i>BPSL0005</i>	S	C	T
Bp Chr I	6832	CDS	-	<i>BPSL0005</i>	S	A	G
Bp Chr I	6846	CDS	-	<i>BPSL0005</i>	N	T	C
Bp Chr I	6991	CDS	-	<i>BPSL0005</i>	S	G	A
Bp Chr I	7032	CDS	-	<i>BPSL0005</i>	N	C	T
Bp Chr I	7286	Intergenic	.	-	-	C	T
Bp Chr I	7429	Intergenic	.	-	-	A	G
Bp Chr I	7442	Intergenic	.	-	-	A	G

Bp Chr I	7473	Intergenic	.	-	-	T	C
Bp Chr I	7498	Intergenic	.	-	-	T	C
Bp Chr I	7518	Intergenic	.	-	-	C	T
Bp Chr I	7525	Intergenic	.	-	-	G	A
Bp Chr I	7563	CDS	-	BPSL0006	N	A	G
Bp Chr I	7669	CDS	-	BPSL0006	S	T	C
Bp Chr I	7708	CDS	-	BPSL0006	S	A	G
Bp Chr I	7897	CDS	-	BPSL0006	S	G	A
Bp Chr I	8158	Intergenic	.	-	-	G	A
Bp Chr I	8652	CDS	+	BPSL0007	S	G	T
Bp Chr I	8991	CDS	+	BPSL0007	S	C	T
Bp Chr I	9028	CDS	+	BPSL0007	S	C	T
Bp Chr I	9106	CDS	+	BPSL0007	S	C	T
Bp Chr I	9112	CDS	+	BPSL0007	S	C	T
Bp Chr I	9142	CDS	+	BPSL0007	N	A	G
Bp Chr I	9183	CDS	+	BPSL0007	S	T	C
Bp Chr I	9235	CDS	+	BPSL0007	N	C	T
Bp Chr I	9247	CDS	+	BPSL0007	S	C	T
Bp Chr I	9273	CDS	+	BPSL0007	S	C	T
Bp Chr I	9591	CDS	+	BPSL0007	S	G	A
Bp Chr I	13629	CDS	-	BPSL0010	S	C	T
Bp Chr I	14357	CDS	+	BPSL0011	S	G	A
Bp Chr I	14525	Intergenic	.	-	-	C	T
Bp Chr I	14615	Intergenic	.	-	-	T	C
Bp Chr I	14618	CDS	+	BPSL0012	N	T	G
Bp Chr I	14928	CDS	+	BPSL0012	S	T	C
Bp Chr I	15027	CDS	+	BPSL0012	S	C	T
Bp Chr I	15097	Intergenic	.	-	-	C	T
Bp Chr I	15263	CDS	+	BPSL0013	S	C	T
Bp Chr I	15530	CDS	+	BPSL0014	N	C	T
Bp Chr I	15558	CDS	+	BPSL0014	S	A	G
Bp Chr I	15571	CDS	+	BPSL0014	N	G	A
Bp Chr I	15849	CDS	+	BPSL0014	S	G	A
Bp Chr I	16293	Intergenic	.	-	-	C	T
Bp Chr I	16307	Intergenic	.	-	-	G	A
Bp Chr I	16316	Intergenic	.	-	-	C	A
Bp Chr I	16320	Intergenic	.	-	-	A	G
Bp Chr I	16329	Intergenic	.	-	-	A	G
Bp Chr I	16382	Intergenic	.	-	-	G	C
Bp Chr I	16675	CDS	+	BPSL0015	S	C	T
Bp Chr I	16764	CDS	+	BPSL0015	N	T	C
Bp Chr I	16789	CDS	+	BPSL0015	S	A	G
Bp Chr I	16846	CDS	+	BPSL0015	S	C	T
Bp Chr I	17077	CDS	+	BPSL0015	S	T	C
Bp Chr I	17437	CDS	+	BPSL0015	S	C	T
Bp Chr I	17695	CDS	+	BPSL0016	S	G	T
Bp Chr I	17836	CDS	+	BPSL0016	S	C	T
Bp Chr I	17997	CDS	+	BPSL0016	N	G	A
Bp Chr I	18058	CDS	+	BPSL0016	S	A	G
Bp Chr I	18112	CDS	+	BPSL0016	S	C	T

Bp Chr I	18205	CDS	+	BPSL0016	S	C	T
Bp Chr I	18225	CDS	+	BPSL0016	N	T	C
Bp Chr I	18274	CDS	+	BPSL0016	S	C	T
Bp Chr I	18331	CDS	+	BPSL0016	S	G	A
Bp Chr I	18482	CDS	+	BPSL0016	S	T	C
Bp Chr I	18535	CDS	+	BPSL0016	S	T	C
Bp Chr I	18571	CDS	+	BPSL0016	S	G	A
Bp Chr I	18832	CDS	+	BPSL0016	S	C	T
Bp Chr I	85858	CDS	-	BPSL0075	S	C	G
Bp Chr I	85870	CDS	-	BPSL0075	S	C	T
Bp Chr I	86187	CDS	-	BPSL0075	S	A	G
Bp Chr I	86236	CDS	-	BPSL0075	S	A	G
Bp Chr I	86296	CDS	-	BPSL0075	S	C	G
Bp Chr I	86317	CDS	-	BPSL0075	S	C	T
Bp Chr I	86557	CDS	-	BPSL0075	S	G	A
Bp Chr I	86584	CDS	-	BPSL0075	S	G	A
Bp Chr I	86613	CDS	-	BPSL0075	N	T	A
Bp Chr I	138349	CDS	+	BPSL0123	S	C	G
Bp Chr I	138612	CDS	+	BPSL0123	N	T	C
Bp Chr I	138854	Intergenic	.	-	-	C	T
Bp Chr I	139127	CDS	+	BPSL0124	S	C	T
Bp Chr I	139172	CDS	+	BPSL0124	S	T	C
Bp Chr I	139463	CDS	+	BPSL0124	S	G	C
Bp Chr I	139559	CDS	+	BPSL0124	S	A	G
Bp Chr I	139788	Intergenic	.	-	-	T	C
Bp Chr I	139791	Intergenic	.	-	-	G	T
Bp Chr I	139831	Intergenic	.	-	-	C	T
Bp Chr I	139835	Intergenic	.	-	-	C	T
Bp Chr I	139904	Intergenic	.	-	-	G	A
Bp Chr I	139958	Intergenic	.	-	-	G	A
Bp Chr I	139966	Intergenic	.	-	-	G	A
Bp Chr I	139974	Intergenic	.	-	-	G	A
Bp Chr I	139976	Intergenic	.	-	-	G	A
Bp Chr I	139978	Intergenic	.	-	-	C	T
Bp Chr I	139982	Intergenic	.	-	-	G	A
Bp Chr I	139983	Intergenic	.	-	-	C	T
Bp Chr I	139984	Intergenic	.	-	-	G	A
Bp Chr I	139990	Intergenic	.	-	-	G	A
Bp Chr I	139998	Intergenic	.	-	-	G	A
Bp Chr I	140006	Intergenic	.	-	-	G	A
Bp Chr I	140014	Intergenic	.	-	-	A	G
Bp Chr I	140022	Intergenic	.	-	-	A	G
Bp Chr I	140024	Intergenic	.	-	-	G	A
Bp Chr I	140030	Intergenic	.	-	-	A	G
Bp Chr I	140032	Intergenic	.	-	-	G	A
Bp Chr I	140038	Intergenic	.	-	-	A	G
Bp Chr I	140040	Intergenic	.	-	-	G	A
Bp Chr I	140048	Intergenic	.	-	-	A	G
Bp Chr I	140058	Intergenic	.	-	-	C	T
Bp Chr I	140063	Intergenic	.	-	-	C	T

Bp Chr I	140064	Intergenic	.	-	-	G	A
Bp Chr I	140101	Intergenic	.	-	-	C	T
Bp Chr I	140205	Intergenic	.	-	-	A	G
Bp Chr I	140242	CDS	+	<i>BPSL0125</i>	S	T	C
Bp Chr I	140245	CDS	+	<i>BPSL0125</i>	S	C	T
Bp Chr I	140273	CDS	+	<i>BPSL0125</i>	N	G	T
Bp Chr I	140467	CDS	+	<i>BPSL0125</i>	S	C	T
Bp Chr I	140652	CDS	+	<i>BPSL0125</i>	N	G	A
Bp Chr I	140713	CDS	+	<i>BPSL0125</i>	S	A	G
Bp Chr I	140911	CDS	+	<i>BPSL0125</i>	S	G	T
Bp Chr I	140950	CDS	+	<i>BPSL0125</i>	S	T	C
Bp Chr I	141029	CDS	+	<i>BPSL0125</i>	N	T	G
Bp Chr I	141349	CDS	+	<i>BPSL0125</i>	S	C	T
Bp Chr I	142022	CDS	+	<i>BPSL0126</i>	N	T	G
Bp Chr I	142086	CDS	+	<i>BPSL0126</i>	S	C	T
Bp Chr I	142173	CDS	+	<i>BPSL0126</i>	S	C	T
Bp Chr I	142330	CDS	+	<i>BPSL0127</i>	S	G	A
Bp Chr I	142489	CDS	+	<i>BPSL0127</i>	S	C	T
Bp Chr I	142843	CDS	+	<i>BPSL0127</i>	S	C	T
Bp Chr I	142957	CDS	+	<i>BPSL0127</i>	S	C	G
Bp Chr I	143215	CDS	+	<i>BPSL0127</i>	S	G	A
Bp Chr I	143476	CDS	+	<i>BPSL0127</i>	S	C	G
Bp Chr I	143521	CDS	+	<i>BPSL0127</i>	S	G	A
Bp Chr I	143965	CDS	+	<i>BPSL0127</i>	S	C	T
Bp Chr I	144007	CDS	+	<i>BPSL0127</i>	S	C	T
Bp Chr I	144187	CDS	+	<i>BPSL0127</i>	S	A	G
Bp Chr I	144397	CDS	+	<i>BPSL0127</i>	S	C	T
Bp Chr I	144558	CDS	+	<i>BPSL0127</i>	N	C	G
Bp Chr I	144567	CDS	+	<i>BPSL0127</i>	N	G	C
Bp Chr I	144730	CDS	+	<i>BPSL0128</i>	S	G	A
Bp Chr I	145021	CDS	+	<i>BPSL0128</i>	S	T	G
Bp Chr I	186293	Intergenic	.	-	-	C	A
Bp Chr I	186339	CDS	-	<i>BPSL0182</i>	N	C	A
Bp Chr I	186403	CDS	-	<i>BPSL0182</i>	N	T	G
Bp Chr I	186440	CDS	-	<i>BPSL0182</i>	S	G	A
Bp Chr I	186803	CDS	-	<i>BPSL0182</i>	S	G	A
Bp Chr I	187244	CDS	-	<i>BPSL0182</i>	S	T	C
Bp Chr I	187267	CDS	-	<i>BPSL0182</i>	N	C	T
Bp Chr I	187391	CDS	-	<i>BPSL0182</i>	S	G	A
Bp Chr I	187527	CDS	-	<i>BPSL0183</i>	N	C	T
Bp Chr I	187531	CDS	-	<i>BPSL0183</i>	S	A	C
Bp Chr I	187621	CDS	-	<i>BPSL0183</i>	S	G	T
Bp Chr I	187661	CDS	-	<i>BPSL0183</i>	N	G	A
Bp Chr I	187662	CDS	-	<i>BPSL0183</i>	N	C	T
Bp Chr I	187667	CDS	-	<i>BPSL0183</i>	N	G	A
Bp Chr I	187738	CDS	-	<i>BPSL0183</i>	S	C	T
Bp Chr I	187744	CDS	-	<i>BPSL0183</i>	S	C	G
Bp Chr I	187767	CDS	-	<i>BPSL0183</i>	N	A	G
Bp Chr I	187849	CDS	-	<i>BPSL0183</i>	S	T	C
Bp Chr I	187858	CDS	-	<i>BPSL0183</i>	S	T	C

Bp Chr I	187898	CDS	-	<i>BPSL0183</i>	N	A	G
Bp Chr I	187905	CDS	-	<i>BPSL0183</i>	N	T	C
Bp Chr I	187972	CDS	-	<i>BPSL0183</i>	S	T	C
Bp Chr I	187999	CDS	-	<i>BPSL0183</i>	S	G	A
Bp Chr I	188104	CDS	-	<i>BPSL0183</i>	S	G	A
Bp Chr I	188261	CDS	-	<i>BPSL0183</i>	N	G	A
Bp Chr I	188269	CDS	-	<i>BPSL0183</i>	S	T	C
Bp Chr I	188354	CDS	-	<i>BPSL0183</i>	N	T	C
Bp Chr I	188569	CDS	-	<i>BPSL0183</i>	S	A	C
Bp Chr I	188652	CDS	-	<i>BPSL0183</i>	S	G	A
Bp Chr I	188695	CDS	-	<i>BPSL0183</i>	S	C	T
Bp Chr I	188701	CDS	-	<i>BPSL0183</i>	S	A	G
Bp Chr I	188803	CDS	-	<i>BPSL0183</i>	S	G	A
Bp Chr I	189145	CDS	-	<i>BPSL0183</i>	S	G	A
Bp Chr I	190001	Intergenic	.	-	-	C	G
Bp Chr I	190020	Intergenic	.	-	-	C	A
Bp Chr I	190026	Intergenic	.	-	-	G	A
Bp Chr I	190030	Intergenic	.	-	-	C	T
Bp Chr I	190035	Intergenic	.	-	-	G	T
Bp Chr I	190040	Intergenic	.	-	-	G	C
Bp Chr I	190042	Intergenic	.	-	-	G	A
Bp Chr I	190402	CDS	-	<i>BPSL0184</i>	S	A	G
Bp Chr I	190932	CDS	-	<i>BPSL0185</i>	S	C	T
Bp Chr I	191304	CDS	-	<i>BPSL0185</i>	S	G	A
Bp Chr I	191451	CDS	-	<i>BPSL0185</i>	S	G	A
Bp Chr I	191787	Intergenic	.	-	-	C	T
Bp Chr I	191918	CDS	-	<i>BPSL0186</i>	S	G	A
Bp Chr I	192302	CDS	-	<i>BPSL0186</i>	N	C	A
Bp Chr I	192437	CDS	-	<i>BPSL0186</i>	S	A	G
Bp Chr I	192563	CDS	-	<i>BPSL0186</i>	S	G	A
Bp Chr I	192775	CDS	-	<i>BPSL0186</i>	N	C	A
Bp Chr I	193409	CDS	+	<i>BPSL0187</i>	S	G	T
Bp Chr I	193770	CDS	+	<i>BPSL0188</i>	S	G	A
Bp Chr I	193791	CDS	+	<i>BPSL0188</i>	S	A	G
Bp Chr I	194187	CDS	+	<i>BPSL0188</i>	S	G	C
Bp Chr I	195009	CDS	+	<i>BPSL0188</i>	S	C	T
Bp Chr I	195074	CDS	+	<i>BPSL0188</i>	N	C	A
Bp Chr I	195170	CDS	+	<i>BPSL0189</i>	S	A	G
Bp Chr I	195191	CDS	+	<i>BPSL0189</i>	S	T	C
Bp Chr I	195245	CDS	+	<i>BPSL0189</i>	S	C	G
Bp Chr I	195285	CDS	+	<i>BPSL0189</i>	N	C	T
Bp Chr I	195437	CDS	+	<i>BPSL0189</i>	S	C	T
Bp Chr I	195905	CDS	+	<i>BPSL0189</i>	S	C	T
Bp Chr I	195915	CDS	+	<i>BPSL0189</i>	N	C	T
Bp Chr I	196001	CDS	+	<i>BPSL0189</i>	S	A	C
Bp Chr I	196013	CDS	+	<i>BPSL0189</i>	S	C	T
Bp Chr I	196052	CDS	+	<i>BPSL0189</i>	S	G	A
Bp Chr I	196068	CDS	+	<i>BPSL0189</i>	N	A	G
Bp Chr I	196208	CDS	+	<i>BPSL0189</i>	S	G	A
Bp Chr I	196597	CDS	+	<i>BPSL0189</i>	2	A	G

Bp Chr I	196680	Intergenic	.	-	-	G	A
Bp Chr I	196800	CDS	+	<i>BPSL0190</i>	N	C	T
Bp Chr I	197132	CDS	+	<i>BPSL0190</i>	S	T	C
Bp Chr I	250837	CDS	-	<i>BPSL0240</i>	S	G	A
Bp Chr I	251080	CDS	-	<i>BPSL0240</i>	S	G	C
Bp Chr I	251297	Intergenic	.	-	-	A	G
Bp Chr I	251462	Intergenic	.	-	-	C	T
Bp Chr I	251928	CDS	-	<i>BPSL0241</i>	S	G	A
Bp Chr I	252108	CDS	-	<i>BPSL0241</i>	S	C	T
Bp Chr I	252117	CDS	-	<i>BPSL0241</i>	S	A	G
Bp Chr I	252251	CDS	-	<i>BPSL0241</i>	N	C	T
Bp Chr I	252270	CDS	-	<i>BPSL0241</i>	S	T	C
Bp Chr I	253136	CDS	-	<i>BPSL0242</i>	S	A	G
Bp Chr I	253198	CDS	-	<i>BPSL0242</i>	N	G	C
Bp Chr I	253273	Intergenic	.	-	-	C	T
Bp Chr I	253726	CDS	-	<i>BPSL0243</i>	S	C	A
Bp Chr I	254062	CDS	-	<i>BPSL0243</i>	S	G	T
Bp Chr I	254871	Intergenic	.	-	-	G	A
Bp Chr I	254883	Intergenic	.	-	-	G	A
Bp Chr I	255060	CDS	+	<i>BPSL0245</i>	S	G	A
Bp Chr I	255232	CDS	+	<i>BPSL0245</i>	N	A	C
Bp Chr I	255252	CDS	+	<i>BPSL0245</i>	S	C	T
Bp Chr I	255429	CDS	+	<i>BPSL0245</i>	S	C	T
Bp Chr I	255453	CDS	+	<i>BPSL0245</i>	S	G	A
Bp Chr I	255513	CDS	+	<i>BPSL0245</i>	S	G	A
Bp Chr I	255534	CDS	+	<i>BPSL0245</i>	S	C	T
Bp Chr I	255945	CDS	+	<i>BPSL0245</i>	S	G	T
Bp Chr I	255981	CDS	+	<i>BPSL0245</i>	S	C	T
Bp Chr I	256337	CDS	+	<i>BPSL0246</i>	S	T	C
Bp Chr I	256489	CDS	+	<i>BPSL0246</i>	N	C	G
Bp Chr I	256513	CDS	+	<i>BPSL0246</i>	N	T	G
Bp Chr I	256514	CDS	+	<i>BPSL0246</i>	S	C	T
Bp Chr I	256700	CDS	+	<i>BPSL0246</i>	S	A	G
Bp Chr I	256981	CDS	+	<i>BPSL0246</i>	N	G	A
Bp Chr I	257029	CDS	+	<i>BPSL0246</i>	N	G	A
Bp Chr I	257078	CDS	+	<i>BPSL0246</i>	S	T	C
Bp Chr I	257679	Intergenic	.	-	-	G	T
Bp Chr I	258143	CDS	+	<i>BPSL0248</i>	S	T	C
Bp Chr I	290137	CDS	+	<i>BPSL0278</i>	S	C	A
Bp Chr I	290419	Intergenic	.	-	-	C	T
Bp Chr I	290421	Intergenic	.	-	-	C	T
Bp Chr I	290748	CDS	+	<i>BPSL0279</i>	S	G	A
Bp Chr I	290760	CDS	+	<i>BPSL0279</i>	S	C	T
Bp Chr I	290763	CDS	+	<i>BPSL0279</i>	S	T	C
Bp Chr I	290774	CDS	+	<i>BPSL0279</i>	N	C	T
Bp Chr I	291012	CDS	+	<i>BPSL0279</i>	S	C	T
Bp Chr I	291198	CDS	+	<i>BPSL0279</i>	S	A	G
Bp Chr I	291234	Intergenic	.	-	-	C	T
Bp Chr I	291247	Intergenic	.	-	-	C	G
Bp Chr I	291276	Intergenic	.	-	-	C	T

Bp Chr I	291466	CDS	+	<i>BPSL0280</i>	S	G	A
Bp Chr I	291565	CDS	+	<i>BPSL0280</i>	S	C	T
Bp Chr I	291663	CDS	+	<i>BPSL0280</i>	N	A	G
Bp Chr I	291704	CDS	+	<i>BPSL0280</i>	S	C	T
Bp Chr I	333022	CDS	-	<i>BPSL0312</i>	N	C	T
Bp Chr I	333339	CDS	-	<i>BPSL0312</i>	S	T	C
Bp Chr I	333597	CDS	-	<i>BPSL0313</i>	S	C	T
Bp Chr I	333879	CDS	-	<i>BPSL0313</i>	S	A	G
Bp Chr I	333981	CDS	-	<i>BPSL0313</i>	S	A	C
Bp Chr I	334018	CDS	-	<i>BPSL0313</i>	N	C	T
Bp Chr I	334085	CDS	-	<i>BPSL0313</i>	N	C	T
Bp Chr I	334218	CDS	-	<i>BPSL0313</i>	S	T	C
Bp Chr I	334225	CDS	-	<i>BPSL0313</i>	N	C	T
Bp Chr I	334374	CDS	-	<i>BPSL0313</i>	S	C	A
Bp Chr I	334518	CDS	-	<i>BPSL0313</i>	S	G	A
Bp Chr I	334548	CDS	-	<i>BPSL0313</i>	S	T	C
Bp Chr I	334740	CDS	-	<i>BPSL0313</i>	S	G	C
Bp Chr I	334952	Intergenic	.	-	-	G	A
Bp Chr I	335013	Intergenic	.	-	-	G	C
Bp Chr I	335018	Intergenic	.	-	-	C	T
Bp Chr I	335049	Intergenic	.	-	-	G	T
Bp Chr I	335070	Intergenic	.	-	-	C	T
Bp Chr I	335113	Intergenic	.	-	-	G	A
Bp Chr I	335222	Intergenic	.	-	-	C	T
Bp Chr I	335235	Intergenic	.	-	-	T	A
Bp Chr I	335265	Intergenic	.	-	-	C	T
Bp Chr I	335274	Intergenic	.	-	-	C	T
Bp Chr I	335277	Intergenic	.	-	-	T	G
Bp Chr I	335283	Intergenic	.	-	-	T	C
Bp Chr I	335292	Intergenic	.	-	-	T	C
Bp Chr I	335301	Intergenic	.	-	-	T	C
Bp Chr I	335309	Intergenic	.	-	-	T	C
Bp Chr I	335310	Intergenic	.	-	-	T	C
Bp Chr I	335322	Intergenic	.	-	-	G	T
Bp Chr I	335325	Intergenic	.	-	-	A	G
Bp Chr I	335450	Intergenic	.	-	-	C	T
Bp Chr I	335462	Intergenic	.	-	-	C	T
Bp Chr I	335595	CDS	-	<i>BPSL0314</i>	S	A	G
Bp Chr I	336312	CDS	-	<i>BPSL0314</i>	S	G	A
Bp Chr I	336595	CDS	-	<i>BPSL0315</i>	N	C	T
Bp Chr I	336743	CDS	-	<i>BPSL0315</i>	S	A	G
Bp Chr I	337067	CDS	-	<i>BPSL0316</i>	S	C	T
Bp Chr I	337106	CDS	-	<i>BPSL0316</i>	S	T	C
Bp Chr I	337172	CDS	-	<i>BPSL0316</i>	S	G	A
Bp Chr I	337199	CDS	-	<i>BPSL0316</i>	S	A	G
Bp Chr I	337235	CDS	-	<i>BPSL0316</i>	S	A	G
Bp Chr I	337242	CDS	-	<i>BPSL0316</i>	N	C	G
Bp Chr I	337456	CDS	-	<i>BPSL0316</i>	N	T	C
Bp Chr I	337602	CDS	-	<i>BPSL0316</i>	N	C	A
Bp Chr I	337603	CDS	-	<i>BPSL0316</i>	N	G	A

Bp Chr I	337725	CDS	-	BPSL0316	N	T	G
Bp Chr I	337750	CDS	-	BPSL0316	N	C	G
Bp Chr I	337769	CDS	-	BPSL0316	S	C	A
Bp Chr I	337772	CDS	-	BPSL0316	S	C	G
Bp Chr I	337793	CDS	-	BPSL0316	S	C	A
Bp Chr I	337796	CDS	-	BPSL0316	S	T	G
Bp Chr I	337800	CDS	-	BPSL0316	N	G	A
Bp Chr I	338312	CDS	+	BPSL0317	S	T	C
Bp Chr I	338444	CDS	+	BPSL0317	S	T	C
Bp Chr I	351400	CDS	-	BPSL0328	S	G	A
Bp Chr I	351613	CDS	-	BPSL0328	S	C	A
Bp Chr I	351816	Intergenic	.	-	-	A	G
Bp Chr I	351860	Intergenic	.	-	-	T	C
Bp Chr I	351875	Intergenic	.	-	-	G	A
Bp Chr I	351996	CDS	+	BPSL0329	N	C	T
Bp Chr I	352519	CDS	+	BPSL0329	S	C	T
Bp Chr I	352627	CDS	+	BPSL0329	S	C	T
Bp Chr I	352660	CDS	+	BPSL0329	S	G	A
Bp Chr I	352723	CDS	+	BPSL0329	S	G	C
Bp Chr I	352732	CDS	+	BPSL0329	S	G	A
Bp Chr I	352879	CDS	+	BPSL0329	S	G	A
Bp Chr I	352975	Intergenic	.	-	-	G	A
Bp Chr I	353001	Intergenic	.	-	-	C	T
Bp Chr I	353039	CDS	-	BPSL0330	S	C	T
Bp Chr I	353174	CDS	-	BPSL0330	S	G	A
Bp Chr I	353207	CDS	-	BPSL0330	S	C	T
Bp Chr I	353418	CDS	-	BPSL0330	N	A	T
Bp Chr I	353473	CDS	-	BPSL0330	N	T	G
Bp Chr I	353488	CDS	-	BPSL0330	N	A	G
Bp Chr I	353549	Intergenic	.	-	-	G	A
Bp Chr I	353571	Intergenic	.	-	-	T	C
Bp Chr I	353583	Intergenic	.	-	-	C	G
Bp Chr I	353728	CDS	+	BPSL0331	S	G	A
Bp Chr I	353911	CDS	+	BPSL0331	S	C	T
Bp Chr I	353983	CDS	+	BPSL0331	S	G	A
Bp Chr I	354010	CDS	+	BPSL0331	S	T	C
Bp Chr I	354076	CDS	+	BPSL0331	S	C	T
Bp Chr I	354373	CDS	+	BPSL0331	S	A	G
Bp Chr I	354645	Intergenic	.	-	-	G	A
Bp Chr I	354656	Intergenic	.	-	-	C	T
Bp Chr I	354813	Intergenic	.	-	-	A	G
Bp Chr I	414746	CDS	-	BPSL0383	S	C	T
Bp Chr I	414884	CDS	-	BPSL0383	S	A	G
Bp Chr I	415059	CDS	-	BPSL0383	N	A	G
Bp Chr I	415334	CDS	-	BPSL0383	S	G	A
Bp Chr I	487070	CDS	+	BPSL0447	S	C	T
Bp Chr I	487134	Intergenic	.	-	-	C	T
Bp Chr I	487160	Intergenic	.	-	-	C	G
Bp Chr I	487786	CDS	+	BPSL0448	S	C	T
Bp Chr I	487806	Intergenic	.	-	-	C	T

Bp Chr I	487819	Intergenic	.	-	-	C	T
Bp Chr I	487965	Intergenic	.	-	-	C	T
Bp Chr I	487980	Intergenic	.	-	-	C	T
Bp Chr I	488052	Intergenic	.	-	-	G	A
Bp Chr I	488139	Intergenic	.	-	-	T	G
Bp Chr I	488192	Intergenic	.	-	-	G	A
Bp Chr I	488413	CDS	-	BPSL0449	S	T	C
Bp Chr I	488415	CDS	-	BPSL0449	N	A	C
Bp Chr I	488716	Intergenic	.	-	-	G	T
Bp Chr I	488732	Intergenic	.	-	-	T	C
Bp Chr I	488822	CDS	-	BPSL0450	S	G	A
Bp Chr I	489013	CDS	-	BPSL0450	N	T	G
Bp Chr I	489083	CDS	-	BPSL0450	S	C	T
Bp Chr I	489288	CDS	-	BPSL0450	N	G	A
Bp Chr I	489475	Intergenic	.	-	-	C	T
Bp Chr I	489499	Intergenic	.	-	-	C	T
Bp Chr I	493303	CDS	+	BPSL0454	S	T	C
Bp Chr I	494125	CDS	+	BPSL0454	S	T	C
Bp Chr I	494636	CDS	+	BPSL0455	N	A	G
Bp Chr I	494778	Intergenic	.	-	-	T	C
Bp Chr I	494911	CDS	+	BPSL0456	N	A	G
Bp Chr I	495036	CDS	+	BPSL0456	S	T	C
Bp Chr I	495313	CDS	+	BPSL0456	S	C	T
Bp Chr I	495362	CDS	+	BPSL0456	N	G	C
Bp Chr I	495627	Intergenic	.	-	-	A	G
Bp Chr I	495640	Intergenic	.	-	-	T	C
Bp Chr I	496276	CDS	+	BPSL0458	N	A	G
Bp Chr I	496383	CDS	+	BPSL0458	S	C	A
Bp Chr I	496605	Intergenic	.	-	-	A	C
Bp Chr I	496608	Intergenic	.	-	-	G	A
Bp Chr I	496654	Intergenic	.	-	-	T	C
Bp Chr I	497067	CDS	+	BPSL0459	S	C	G
Bp Chr I	497197	CDS	+	BPSL0459	N	G	A
Bp Chr I	497259	CDS	+	BPSL0459	S	C	T
Bp Chr I	497273	CDS	+	BPSL0459	N	C	T
Bp Chr I	497349	CDS	+	BPSL0459	S	C	T
Bp Chr I	497376	CDS	+	BPSL0459	S	T	C
Bp Chr I	497397	CDS	+	BPSL0459	S	T	C
Bp Chr I	497429	CDS	+	BPSL0459	N	C	T
Bp Chr I	497438	CDS	+	BPSL0459	N	C	T
Bp Chr I	497571	CDS	+	BPSL0459	S	C	T
Bp Chr I	498049	CDS	+	BPSL0460	S	C	T
Bp Chr I	498076	CDS	+	BPSL0460	S	C	T
Bp Chr I	498119	CDS	+	BPSL0460	N	G	A
Bp Chr I	498143	CDS	+	BPSL0460	N	G	A
Bp Chr I	498199	CDS	+	BPSL0460	S	G	A
Bp Chr I	498246	CDS	+	BPSL0460	N	C	T
Bp Chr I	498476	Intergenic	.	-	-	G	A
Bp Chr I	498716	CDS	+	BPSL0461	S	C	T
Bp Chr I	498939	CDS	+	BPSL0461	S	C	T

Bp Chr I	499059	CDS	+	BPSL0461	N	C	T
Bp Chr I	499104	CDS	+	BPSL0461	N	G	A
Bp Chr I	499115	CDS	+	BPSL0461	S	C	G
Bp Chr I	499119	CDS	+	BPSL0461	N	A	G
Bp Chr I	499124	CDS	+	BPSL0461	S	G	T
Bp Chr I	499126	CDS	+	BPSL0461	N	T	G
Bp Chr I	499137	CDS	+	BPSL0461	N	A	G
Bp Chr I	499159	CDS	+	BPSL0461	N	C	T
Bp Chr I	499535	CDS	+	BPSL0461	S	C	T
Bp Chr I	499706	CDS	+	BPSL0462	S	T	G
Bp Chr I	500018	CDS	+	BPSL0462	S	A	G
Bp Chr I	500189	CDS	+	BPSL0462	S	G	A
Bp Chr I	500247	CDS	+	BPSL0462	S	C	T
Bp Chr I	500285	CDS	+	BPSL0462	S	G	T
Bp Chr I	500374	CDS	+	BPSL0462	N	C	T
Bp Chr I	500613	CDS	+	BPSL0463	S	C	T
Bp Chr I	500805	CDS	+	BPSL0463	S	C	G
Bp Chr I	500814	CDS	+	BPSL0463	S	C	T
Bp Chr I	500832	CDS	+	BPSL0463	S	A	G
Bp Chr I	500855	CDS	+	BPSL0463	N	T	A
Bp Chr I	500925	CDS	+	BPSL0463	S	C	T
Bp Chr I	500956	CDS	+	BPSL0463	N	G	A
Bp Chr I	501087	CDS	+	BPSL0463	S	T	C
Bp Chr I	501115	CDS	+	BPSL0463	S	C	T
Bp Chr I	501199	Intergenic	.	-	-	T	C
Bp Chr I	501581	Intergenic	.	-	-	G	A
Bp Chr I	501587	Intergenic	.	-	-	T	C
Bp Chr I	501625	Intergenic	.	-	-	G	A
Bp Chr I	501631	Intergenic	.	-	-	C	T
Bp Chr I	501955	CDS	+	BPSL0465	S	C	G
Bp Chr I	501977	CDS	+	BPSL0465	N	A	C
Bp Chr I	502066	CDS	+	BPSL0465	S	C	T
Bp Chr I	502150	CDS	+	BPSL0465	S	G	A
Bp Chr I	502466	CDS	+	BPSL0465	N	G	A
Bp Chr I	502517	CDS	+	BPSL0465	S	C	T
Bp Chr I	502756	CDS	+	BPSL0465	S	C	T
Bp Chr I	502960	CDS	+	BPSL0465	S	T	C
Bp Chr I	503357	CDS	+	BPSL0465	N	T	C
Bp Chr I	503420	Intergenic	.	-	-	C	T
Bp Chr I	503527	Intergenic	.	-	-	T	C
Bp Chr I	503553	CDS	+	BPSL0466	S	A	G
Bp Chr I	503575	CDS	+	BPSL0466	N	G	A
Bp Chr I	503707	CDS	+	BPSL0466	N	G	A
Bp Chr I	503754	CDS	+	BPSL0466	S	G	A
Bp Chr I	503814	CDS	+	BPSL0466	S	G	A
Bp Chr I	503829	CDS	+	BPSL0466	S	C	T
Bp Chr I	503848	CDS	+	BPSL0466	N	G	A
Bp Chr I	503971	CDS	+	BPSL0466	N	C	G
Bp Chr I	504192	CDS	+	BPSL0466	S	C	T
Bp Chr I	504292	CDS	+	BPSL0466	N	G	A

Bp Chr I	504297	CDS	+	BPSL0466	S	G	A
Bp Chr I	504393	Intergenic	.	-	-	G	A
Bp Chr I	504399	Intergenic	.	-	-	C	T
Bp Chr I	504423	Intergenic	.	-	-	G	A
Bp Chr I	504448	Intergenic	.	-	-	C	T
Bp Chr I	504622	CDS	+	BPSL0467	S	C	T
Bp Chr I	504682	CDS	+	BPSL0467	S	C	T
Bp Chr I	504889	CDS	+	BPSL0467	S	G	A
Bp Chr I	504967	CDS	+	BPSL0467	S	C	G
Bp Chr I	505000	CDS	+	BPSL0467	S	T	C
Bp Chr I	505028	CDS	+	BPSL0467	S	C	T
Bp Chr I	505077	CDS	+	BPSL0467	N	T	C
Bp Chr I	505252	CDS	+	BPSL0467	S	T	C
Bp Chr I	505426	CDS	+	BPSL0467	S	G	A
Bp Chr I	505717	Intergenic	.	-	-	G	A
Bp Chr I	505785	Intergenic	.	-	-	C	T
Bp Chr I	505793	Intergenic	.	-	-	C	G
Bp Chr I	506074	CDS	+	BPSL0468	N	A	C
Bp Chr I	506226	CDS	+	BPSL0468	S	A	G
Bp Chr I	506280	CDS	+	BPSL0468	S	G	A
Bp Chr I	506286	CDS	+	BPSL0468	S	A	G
Bp Chr I	507276	CDS	+	BPSL0469	S	G	A
Bp Chr I	507618	Intergenic	.	-	-	G	A
Bp Chr I	507929	CDS	+	BPSL0470	S	C	T
Bp Chr I	508298	CDS	+	BPSL0470	S	G	A
Bp Chr I	508560	CDS	+	BPSL0471	S	C	T
Bp Chr I	508766	CDS	+	BPSL0471	N	C	T
Bp Chr I	508826	CDS	+	BPSL0471	N	C	T
Bp Chr I	509310	CDS	+	BPSL0471	S	C	T
Bp Chr I	509344	CDS	+	BPSL0471	N	A	G
Bp Chr I	509580	CDS	+	BPSL0471	S	G	A
Bp Chr I	509996	CDS	+	BPSL0472	S	T	C
Bp Chr I	510092	CDS	+	BPSL0472	S	G	T
Bp Chr I	513452	Intergenic	.	-	-	T	C
Bp Chr I	513724	CDS	-	BPSL0473	S	G	T
Bp Chr I	513967	CDS	-	BPSL0473	S	G	A
Bp Chr I	514189	CDS	-	BPSL0473	S	T	C
Bp Chr I	514249	CDS	-	BPSL0473	S	A	G
Bp Chr I	515208	CDS	-	BPSL0474	N	G	A
Bp Chr I	515293	CDS	-	BPSL0474	N	G	A
Bp Chr I	515348	CDS	-	BPSL0474	S	C	G
Bp Chr I	515852	CDS	-	BPSL0475	S	A	G
Bp Chr I	515933	CDS	-	BPSL0475	S	C	T
Bp Chr I	515963	CDS	-	BPSL0475	S	G	A
Bp Chr I	516170	CDS	-	BPSL0475	S	A	G
Bp Chr I	516488	CDS	-	BPSL0475	S	T	C
Bp Chr I	516672	CDS	-	BPSL0475	N	G	A
Bp Chr I	516766	Intergenic	.	-	-	G	A
Bp Chr I	516812	CDS	-	BPSL0476	S	C	T
Bp Chr I	517079	CDS	-	BPSL0476	S	G	A

Bp Chr I	517246	CDS	-	BPSL0476	N	C	G
Bp Chr I	517342	CDS	-	BPSL0476	N	T	A
Bp Chr I	517514	CDS	-	BPSL0476	S	T	C
Bp Chr I	517523	CDS	-	BPSL0476	S	A	G
Bp Chr I	517574	CDS	-	BPSL0476	S	C	A
Bp Chr I	518199	CDS	-	BPSL0477	N	T	G
Bp Chr I	518328	CDS	-	BPSL0477	N	T	C
Bp Chr I	518966	CDS	-	BPSL0478	N	C	T
Bp Chr I	519135	CDS	-	BPSL0478	S	A	G
Bp Chr I	519216	CDS	-	BPSL0478	S	C	T
Bp Chr I	519813	CDS	-	BPSL0478	S	C	T
Bp Chr I	519848	CDS	-	BPSL0478	N	C	T
Bp Chr I	520030	CDS	-	BPSL0479	S	A	C
Bp Chr I	520171	CDS	-	BPSL0479	S	C	T
Bp Chr I	520216	CDS	-	BPSL0479	S	G	A
Bp Chr I	520237	CDS	-	BPSL0479	S	G	A
Bp Chr I	520473	CDS	-	BPSL0479	N	T	G
Bp Chr I	520513	CDS	-	BPSL0479	S	G	A
Bp Chr I	520720	CDS	-	BPSL0479	S	C	T
Bp Chr I	521142	CDS	-	BPSL0480	S	C	T
Bp Chr I	521311	CDS	-	BPSL0480	N	T	A
Bp Chr I	521388	CDS	-	BPSL0480	S	A	G
Bp Chr I	521538	CDS	-	BPSL0480	S	C	T
Bp Chr I	521541	CDS	-	BPSL0480	S	A	G
Bp Chr I	521736	CDS	-	BPSL0480	S	A	G
Bp Chr I	521830	CDS	-	BPSL0480	N	A	C
Bp Chr I	521831	CDS	-	BPSL0480	N	G	T
Bp Chr I	521842	CDS	-	BPSL0480	N	C	T
Bp Chr I	521876	CDS	-	BPSL0480	N	A	C
Bp Chr I	521937	CDS	-	BPSL0480	S	C	T
Bp Chr I	522506	CDS	-	BPSL0481	S	G	A
Bp Chr I	522546	CDS	-	BPSL0481	N	G	A
Bp Chr I	522599	CDS	-	BPSL0481	S	C	G
Bp Chr I	522803	CDS	-	BPSL0482	S	C	T
Bp Chr I	522853	CDS	-	BPSL0482	N	C	T
Bp Chr I	522965	CDS	-	BPSL0482	S	G	A
Bp Chr I	523034	CDS	-	BPSL0482	S	G	A
Bp Chr I	523099	CDS	-	BPSL0482	N	C	T
Bp Chr I	523225	CDS	-	BPSL0482	S	G	A
Bp Chr I	523525	CDS	-	BPSL0482	N	G	T
Bp Chr I	523589	CDS	-	BPSL0482	S	G	A
Bp Chr I	523614	CDS	-	BPSL0482	N	C	T
Bp Chr I	523663	CDS	-	BPSL0482	N	C	T
Bp Chr I	524027	CDS	-	BPSL0483	N	G	A
Bp Chr I	524072	CDS	-	BPSL0483	N	C	T
Bp Chr I	524667	CDS	-	BPSL0483	S	G	A
Bp Chr I	524703	CDS	-	BPSL0483	S	C	A,G
Bp Chr I	524747	CDS	-	BPSL0483	N	G	A
Bp Chr I	524757	CDS	-	BPSL0483	S	C	T
Bp Chr I	524775	CDS	-	BPSL0483	S	G	A

Bp Chr I	524928	CDS	-	BPSL0483	S	G	A
Bp Chr I	525248	CDS	-	BPSL0483	N	G	A
Bp Chr I	525315	CDS	-	BPSL0483	S	A	G
Bp Chr I	525597	CDS	-	BPSL0483	S	G	A
Bp Chr I	525627	CDS	-	BPSL0483	S	C	T
Bp Chr I	525654	CDS	-	BPSL0483	S	C	T
Bp Chr I	526151	CDS	-	BPSL0484	S	C	T
Bp Chr I	526238	CDS	-	BPSL0484	S	C	T
Bp Chr I	526339	CDS	-	BPSL0484	N	C	T
Bp Chr I	526583	CDS	-	BPSL0484	S	C	T
Bp Chr I	526719	CDS	-	BPSL0484	N	C	T
Bp Chr I	526800	CDS	-	BPSL0485	N	G	T
Bp Chr I	526842	CDS	-	BPSL0485	S	G	A
Bp Chr I	526987	CDS	-	BPSL0485	S	C	T
Bp Chr I	526998	CDS	-	BPSL0485	N	C	T
Bp Chr I	527053	CDS	-	BPSL0485	S	C	T
Bp Chr I	527122	CDS	-	BPSL0485	S	C	T
Bp Chr I	535445	CDS	-	BPSL0493	S	G	A
Bp Chr I	535733	CDS	-	BPSL0493	S	G	T
Bp Chr I	535784	CDS	-	BPSL0493	S	C	T
Bp Chr I	535819	CDS	-	BPSL0493	N	C	T
Bp Chr I	536102	CDS	-	BPSL0493	S	A	G
Bp Chr I	536366	Intergenic	.	-	-	T	G
Bp Chr I	536370	Intergenic	.	-	-	G	A
Bp Chr I	536400	Intergenic	.	-	-	T	G
Bp Chr I	536406	Intergenic	.	-	-	G	C
Bp Chr I	536494	Intergenic	.	-	-	C	T
Bp Chr I	536541	Intergenic	.	-	-	C	T
Bp Chr I	536589	Intergenic	.	-	-	C	T
Bp Chr I	536909	CDS	+	BPSL0494	S	C	T
Bp Chr I	537005	CDS	+	BPSL0494	S	C	T
Bp Chr I	537224	CDS	+	BPSL0494	S	G	A
Bp Chr I	537452	CDS	+	BPSL0494	S	C	T
Bp Chr I	558702	Intergenic	.	-	-	T	G
Bp Chr I	558773	CDS	-	BPSL0508	N	C	T
Bp Chr I	558786	CDS	-	BPSL0508	N	G	C
Bp Chr I	558789	CDS	-	BPSL0508	N	C	T
Bp Chr I	558790	CDS	-	BPSL0508	S	G	A
Bp Chr I	558803	CDS	-	BPSL0508	N	G	A
Bp Chr I	558807	CDS	-	BPSL0508	N	C	T
Bp Chr I	559045	CDS	-	BPSL0508	S	C	T
Bp Chr I	559094	CDS	-	BPSL0508	N	G	A
Bp Chr I	559327	CDS	-	BPSL0508	S	C	T
Bp Chr I	559342	CDS	-	BPSL0508	N	G	T
Bp Chr I	559643	Intergenic	.	-	-	T	G
Bp Chr I	559819	Intergenic	.	-	-	A	G
Bp Chr I	559825	Intergenic	.	-	-	C	T
Bp Chr I	559831	Intergenic	.	-	-	G	A
Bp Chr I	559880	Intergenic	.	-	-	C	T
Bp Chr I	559907	Intergenic	.	-	-	C	T

Bp Chr I	559928	Intergenic	.	-	-	C	A,T
Bp Chr I	559963	Intergenic	.	-	-	C	T,G
Bp Chr I	560114	Intergenic	.	-	-	A	G
Bp Chr I	560122	Intergenic	.	-	-	G	A
Bp Chr I	560442	CDS	-	BPSL0509	N	A	G
Bp Chr I	560444	CDS	-	BPSL0509	S	C	T
Bp Chr I	560477	CDS	-	BPSL0509	S	G	A
Bp Chr I	560486	CDS	-	BPSL0509	S	C	T
Bp Chr I	561005	CDS	-	BPSL0509	S	C	A
Bp Chr I	561367	CDS	-	BPSL0510	S	A	G
Bp Chr I	561560	CDS	-	BPSL0510	N	A	G
Bp Chr I	561643	CDS	-	BPSL0510	S	C	T
Bp Chr I	570260	CDS	+	BPSL0515	N	C	T
Bp Chr I	570424	Intergenic	.	-	-	C	T
Bp Chr I	570636	CDS	+	BPSL0516	S	A	G
Bp Chr I	570876	CDS	+	BPSL0516	S	G	A
Bp Chr I	570998	Intergenic	.	-	-	C	T
Bp Chr I	571073	CDS	+	BPSL0517	S	A	G
Bp Chr I	571082	CDS	+	BPSL0517	S	C	T
Bp Chr I	571299	Intergenic	.	-	-	C	T
Bp Chr I	571306	Intergenic	.	-	-	C	T
Bp Chr I	571443	Intergenic	.	-	-	A	G
Bp Chr I	571446	Intergenic	.	-	-	C	T
Bp Chr I	571448	Intergenic	.	-	-	G	C
Bp Chr I	571450	Intergenic	.	-	-	C	G
Bp Chr I	571513	CDS	-	BPSL0518	S	T	C
Bp Chr I	571662	CDS	-	BPSL0518	N	A	C
Bp Chr I	571688	CDS	-	BPSL0518	N	G	A
Bp Chr I	571771	CDS	-	BPSL0518	S	T	C
Bp Chr I	571795	CDS	-	BPSL0518	S	G	A
Bp Chr I	571952	CDS	-	BPSL0518	N	A	G
Bp Chr I	572096	CDS	-	BPSL0518	N	G	C
Bp Chr I	572135	CDS	-	BPSL0518	N	T	C
Bp Chr I	572220	CDS	-	BPSL0518	S	G	A
Bp Chr I	572383	CDS	-	BPSL0518	S	G	A
Bp Chr I	572611	Intergenic	.	-	-	C	T
Bp Chr I	572722	CDS	-	BPSL0519	N	T	C
Bp Chr I	572745	CDS	-	BPSL0519	N	C	G
Bp Chr I	572795	CDS	-	BPSL0519	S	C	T
Bp Chr I	572870	CDS	-	BPSL0519	S	T	C
Bp Chr I	572930	CDS	-	BPSL0519	S	C	A
Bp Chr I	573128	CDS	-	BPSL0519	S	A	G
Bp Chr I	573382	CDS	-	BPSL0520	S	C	T
Bp Chr I	573866	CDS	-	BPSL0520	N	C	T
Bp Chr I	574205	CDS	-	BPSL0521	S	T	C
Bp Chr I	574820	CDS	-	BPSL0521	S	C	T
Bp Chr I	575248	Intergenic	.	-	-	A	G
Bp Chr I	575267	CDS	-	BPSL0523	S	G	A
Bp Chr I	575413	CDS	-	BPSL0523	N	T	G
Bp Chr I	575474	CDS	-	BPSL0523	S	C	T

Bp Chr I	575660	CDS	-	BPSL0523	S	T	C
Bp Chr I	575870	CDS	-	BPSL0523	S	G	A
Bp Chr I	575942	CDS	-	BPSL0523	S	C	T
Bp Chr I	576243	CDS	-	BPSL0524	N	A	G
Bp Chr I	576314	CDS	-	BPSL0524	S	G	A
Bp Chr I	576344	CDS	-	BPSL0524	S	G	C
Bp Chr I	576395	CDS	-	BPSL0524	S	C	T
Bp Chr I	576440	CDS	-	BPSL0524	S	T	C
Bp Chr I	576557	CDS	-	BPSL0524	S	C	T
Bp Chr I	576762	CDS	-	BPSL0524	N	G	A
Bp Chr I	577267	CDS	-	BPSL0525	S	G	C
Bp Chr I	577273	CDS	-	BPSL0525	S	C	T
Bp Chr I	577369	CDS	-	BPSL0525	S	C	T
Bp Chr I	577407	CDS	-	BPSL0525	N	C	T
Bp Chr I	577453	CDS	-	BPSL0525	S	T	C
Bp Chr I	577654	CDS	-	BPSL0525	S	G	A
Bp Chr I	577998	CDS	-	BPSL0525	S	G	A
Bp Chr I	578092	CDS	-	BPSL0525	S	C	T
Bp Chr I	578200	CDS	-	BPSL0525	S	C	T
Bp Chr I	578437	CDS	-	BPSL0525	S	C	G
Bp Chr I	578528	CDS	-	BPSL0525	N	G	A
Bp Chr I	579082	CDS	+	BPSL0526	S	G	C
Bp Chr I	579205	CDS	+	BPSL0526	S	T	C
Bp Chr I	579346	CDS	+	BPSL0526	S	T	C
Bp Chr I	579495	CDS	+	BPSL0526	N	A	T
Bp Chr I	579553	CDS	+	BPSL0527	N	C	T
Bp Chr I	584538	CDS	-	BPSL0532	S	C	T
Bp Chr I	585011	Intergenic	.	-	-	G	A
Bp Chr I	585112	CDS	-	BPSL0533	N	C	T
Bp Chr I	585134	CDS	-	BPSL0533	S	G	A
Bp Chr I	586136	CDS	-	BPSL0533	S	G	A
Bp Chr I	586153	CDS	-	BPSL0533	N	C	T
Bp Chr I	586237	CDS	-	BPSL0533	N	C	T
Bp Chr I	586677	Intergenic	.	-	-	T	C
Bp Chr I	586952	CDS	-	BPSL0534	S	G	A
Bp Chr I	587153	CDS	-	BPSL0534	S	C	T
Bp Chr I	587363	CDS	-	BPSL0534	S	C	T
Bp Chr I	587557	CDS	-	BPSL0535	S	C	T
Bp Chr I	587685	CDS	-	BPSL0535	N	T	C
Bp Chr I	587716	CDS	-	BPSL0535	S	C	T
Bp Chr I	587767	CDS	-	BPSL0535	S	C	T
Bp Chr I	587998	CDS	-	BPSL0535	S	C	T
Bp Chr I	588073	CDS	-	BPSL0535	S	C	T
Bp Chr I	588855	CDS	-	BPSL0537	S	C	T
Bp Chr I	588993	CDS	-	BPSL0537	S	C	T
Bp Chr I	589158	CDS	-	BPSL0537	S	G	A
Bp Chr I	589461	CDS	-	BPSL0538	N	C	T
Bp Chr I	589577	CDS	-	BPSL0538	S	G	A
Bp Chr I	589877	CDS	-	BPSL0538	S	G	A
Bp Chr I	589890	CDS	-	BPSL0538	N	G	A

Bp Chr I	590147	CDS	-	BPSL0538	S	G	A
Bp Chr I	590570	CDS	+	BPSL0539	S	G	A
Bp Chr I	590690	CDS	+	BPSL0539	S	C	T
Bp Chr I	590954	CDS	+	BPSL0539	S	G	A
Bp Chr I	591018	CDS	+	BPSL0539	S	C	T
Bp Chr I	591572	CDS	+	BPSL0539	S	T	C
Bp Chr I	591768	CDS	+	BPSL0539	N	A	G
Bp Chr I	591894	CDS	+	BPSL0539	S	C	T
Bp Chr I	592280	CDS	+	BPSL0539	S	C	T
Bp Chr I	592509	Intergenic	.	-	-	C	T
Bp Chr I	592876	CDS	+	BPSL0540	S	G	A
Bp Chr I	592969	CDS	+	BPSL0540	S	C	T
Bp Chr I	592974	CDS	+	BPSL0540	N	T	C
Bp Chr I	593037	CDS	+	BPSL0540	N	G	A
Bp Chr I	593077	CDS	+	BPSL0540	S	G	A
Bp Chr I	593092	Intergenic	.	-	-	G	A
Bp Chr I	593103	Intergenic	.	-	-	G	C
Bp Chr I	593185	CDS	+	BPSL0541	S	T	C
Bp Chr I	593192	CDS	+	BPSL0541	S	C	T
Bp Chr I	593288	CDS	+	BPSL0541	N	A	C
Bp Chr I	593652	CDS	+	BPSL0541	N	C	T
Bp Chr I	691020	CDS	-	BPSL0611	S	G	T
Bp Chr I	691095	CDS	-	BPSL0611	N	T	C
Bp Chr I	691339	CDS	-	BPSL0611	S	G	C
Bp Chr I	691696	CDS	-	BPSL0611	S	C	T
Bp Chr I	691763	CDS	-	BPSL0611	N	T	C
Bp Chr I	692099	CDS	-	BPSL0611	N	A	G
Bp Chr I	692200	CDS	-	BPSL0611	S	T	C
Bp Chr I	692341	CDS	-	BPSL0611	S	C	T
Bp Chr I	692365	CDS	-	BPSL0611	S	T	C
Bp Chr I	692432	CDS	-	BPSL0611	N	C	T
Bp Chr I	692445	CDS	-	BPSL0611	N	A	G
Bp Chr I	692812	CDS	-	BPSL0611	S	G	A
Bp Chr I	692861	CDS	-	BPSL0611	N	C	T
Bp Chr I	692869	CDS	-	BPSL0611	S	A	C
Bp Chr I	692899	CDS	-	BPSL0611	S	G	A
Bp Chr I	693210	CDS	-	BPSL0612	S	C	T
Bp Chr I	693240	CDS	-	BPSL0612	S	G	A
Bp Chr I	693513	CDS	-	BPSL0612	S	G	A
Bp Chr I	693543	CDS	-	BPSL0612	S	G	C
Bp Chr I	693951	CDS	-	BPSL0612	S	C	T
Bp Chr I	715781	CDS	-	BPSL0632	N	T	C
Bp Chr I	715840	CDS	-	BPSL0632	S	T	C
Bp Chr I	716229	CDS	-	BPSL0633	N	G	T
Bp Chr I	716252	CDS	-	BPSL0633	S	C	T
Bp Chr I	716300	CDS	-	BPSL0633	S	G	A
Bp Chr I	716384	CDS	-	BPSL0633	S	G	A
Bp Chr I	716450	CDS	-	BPSL0633	S	T	C
Bp Chr I	716543	CDS	-	BPSL0633	S	A	G
Bp Chr I	716554	CDS	-	BPSL0633	N	G	T

Bp Chr I	717323	CDS	-	BPSL0633	S	C	T
Bp Chr I	717567	CDS	-	BPSL0633	N	C	T
Bp Chr I	717568	CDS	-	BPSL0633	N	C	T
Bp Chr I	717569	CDS	-	BPSL0633	S	C	G
Bp Chr I	717575	CDS	-	BPSL0633	S	C	T
Bp Chr I	717588	CDS	-	BPSL0633	N	C	T
Bp Chr I	717698	Intergenic	.	-	-	A	G
Bp Chr I	717777	Intergenic	.	-	-	C	T
Bp Chr I	717812	Intergenic	.	-	-	A	G
Bp Chr I	717821	Intergenic	.	-	-	G	T
Bp Chr I	718353	CDS	+	BPSL0634	S	T	C
Bp Chr I	718529	CDS	+	BPSL0634	N	C	T
Bp Chr I	718650	CDS	+	BPSL0634	S	C	T
Bp Chr I	718770	CDS	+	BPSL0634	S	G	A
Bp Chr I	718906	CDS	+	BPSL0634	N	A	G
Bp Chr I	719312	CDS	+	BPSL0634	N	A	G
Bp Chr I	720159	CDS	+	BPSL0634	S	T	C
Bp Chr I	720162	CDS	+	BPSL0634	S	C	T
Bp Chr I	720186	CDS	+	BPSL0634	S	G	C
Bp Chr I	720204	CDS	+	BPSL0634	S	G	A
Bp Chr I	720546	CDS	+	BPSL0634	S	G	A
Bp Chr I	720936	CDS	+	BPSL0634	S	G	A
Bp Chr I	721203	CDS	+	BPSL0634	S	C	T
Bp Chr I	721220	CDS	+	BPSL0634	N	C	T
Bp Chr I	721635	CDS	+	BPSL0634	S	C	A
Bp Chr I	721992	CDS	+	BPSL0634	N	C	G
Bp Chr I	722007	CDS	+	BPSL0634	S	C	T
Bp Chr I	722055	CDS	+	BPSL0634	S	C	T
Bp Chr I	722103	CDS	+	BPSL0634	S	T	C
Bp Chr I	722572	CDS	+	BPSL0635	S	C	T
Bp Chr I	722700	CDS	+	BPSL0636	S	G	A
Bp Chr I	723046	CDS	+	BPSL0636	N	G	A
Bp Chr I	723338	CDS	+	BPSL0637	S	A	G
Bp Chr I	723722	CDS	+	BPSL0637	S	C	T
Bp Chr I	724167	CDS	+	BPSL0638	N	T	C
Bp Chr I	724449	CDS	+	BPSL0638	N	C	A
Bp Chr I	724527	CDS	+	BPSL0638	N	C	G
Bp Chr I	724532	CDS	+	BPSL0638	N	G	A
Bp Chr I	724555	CDS	+	BPSL0638	S	C	T
Bp Chr I	724619	CDS	+	BPSL0638	S	C	T
Bp Chr I	724711	CDS	+	BPSL0638	S	T	C
Bp Chr I	724724	CDS	+	BPSL0638	N	G	A
Bp Chr I	724829	CDS	+	BPSL0638	N	A	G
Bp Chr I	725046	CDS	+	BPSL0639	S	C	T
Bp Chr I	725057	CDS	+	BPSL0639	N	A	C
Bp Chr I	725061	CDS	+	BPSL0639	S	C	T
Bp Chr I	725138	CDS	+	BPSL0639	N	C	T
Bp Chr I	725258	CDS	+	BPSL0639	N	G	C
Bp Chr I	725286	CDS	+	BPSL0639	S	A	G
Bp Chr I	725328	CDS	+	BPSL0639	S	C	T

Bp Chr I	725577	CDS	+	BPSL0639	S	T	C
Bp Chr I	725952	CDS	+	BPSL0640	S	G	A
Bp Chr I	726531	CDS	+	BPSL0640	S	C	T
Bp Chr I	726639	CDS	+	BPSL0640	S	G	T
Bp Chr I	726837	CDS	+	BPSL0640	S	G	A
Bp Chr I	727122	CDS	+	BPSL0640	S	A	G
Bp Chr I	727185	CDS	+	BPSL0640	S	T	C
Bp Chr I	727287	Intergenic	.	-	-	C	T
Bp Chr I	727331	Intergenic	.	-	-	T	A
Bp Chr I	727339	Intergenic	.	-	-	G	A
Bp Chr I	727341	Intergenic	.	-	-	A	G
Bp Chr I	727428	Intergenic	.	-	-	G	A
Bp Chr I	727481	Intergenic	.	-	-	C	T
Bp Chr I	727489	Intergenic	.	-	-	A	G
Bp Chr I	727524	Intergenic	.	-	-	G	A
Bp Chr I	727586	Intergenic	.	-	-	T	C
Bp Chr I	727611	CDS	+	BPSL0641	N	T	C
Bp Chr I	727632	CDS	+	BPSL0641	N	C	T
Bp Chr I	727643	CDS	+	BPSL0641	S	G	A
Bp Chr I	727657	CDS	+	BPSL0641	N	C	A
Bp Chr I	727849	CDS	+	BPSL0641	N	C	T
Bp Chr I	727883	CDS	+	BPSL0641	S	T	C
Bp Chr I	727907	CDS	+	BPSL0641	S	C	T
Bp Chr I	728256	Intergenic	.	-	-	G	A
Bp Chr I	728264	Intergenic	.	-	-	G	A
Bp Chr I	728443	CDS	+	BPSL0642	N	C	A
Bp Chr I	728527	CDS	+	BPSL0642	N	T	G
Bp Chr I	728558	CDS	+	BPSL0642	N	G	A
Bp Chr I	728947	CDS	+	BPSL0643	S	T	C
Bp Chr I	729640	CDS	+	BPSL0644	N	G	A
Bp Chr I	729885	CDS	+	BPSL0644	S	G	A
Bp Chr I	729984	CDS	+	BPSL0644	S	T	C
Bp Chr I	730011	CDS	+	BPSL0644	S	C	T
Bp Chr I	730026	CDS	+	BPSL0644	S	G	A
Bp Chr I	730257	CDS	+	BPSL0644	S	A	G
Bp Chr I	730680	CDS	+	BPSL0644	S	C	T
Bp Chr I	731232	CDS	+	BPSL0644	S	C	T
Bp Chr I	731272	Intergenic	.	-	-	C	A
Bp Chr I	731273	Intergenic	.	-	-	G	A
Bp Chr I	731276	Intergenic	.	-	-	C	G
Bp Chr I	731310	Intergenic	.	-	-	C	T
Bp Chr I	731317	Intergenic	.	-	-	C	T
Bp Chr I	731574	CDS	+	BPSL0645	S	A	G
Bp Chr I	731667	CDS	+	BPSL0645	S	T	C
Bp Chr I	731817	CDS	+	BPSL0645	S	A	G
Bp Chr I	731895	CDS	+	BPSL0645	S	C	T
Bp Chr I	732098	CDS	+	BPSL0646	S	C	T
Bp Chr I	732417	CDS	+	BPSL0646	S	C	T
Bp Chr I	732431	CDS	+	BPSL0646	S	C	T
Bp Chr I	732575	CDS	+	BPSL0646	S	G	A

Bp Chr I	733090	CDS	+	<i>BPSL0646</i>	N	C	A
Bp Chr I	733231	Intergenic	.	-	-	C	T
Bp Chr I	733339	Intergenic	.	-	-	C	T
Bp Chr I	733616	CDS	+	<i>BPSL0647</i>	S	C	T
Bp Chr I	733851	CDS	+	<i>BPSL0647</i>	N	C	G
Bp Chr I	734789	CDS	+	<i>BPSL0648</i>	S	C	T
Bp Chr I	735092	CDS	+	<i>BPSL0648</i>	S	C	T
Bp Chr I	735413	CDS	+	<i>BPSL0648</i>	S	C	T
Bp Chr I	735611	CDS	+	<i>BPSL0648</i>	S	A	G
Bp Chr I	735887	Intergenic	.	-	-	G	A
Bp Chr I	735943	Intergenic	.	-	-	A	G
Bp Chr I	736252	CDS	+	<i>BPSL0649</i>	N	G	A
Bp Chr I	736345	CDS	+	<i>BPSL0649</i>	N	G	A
Bp Chr I	736521	CDS	+	<i>BPSL0649</i>	S	C	T
Bp Chr I	736611	CDS	+	<i>BPSL0649</i>	S	C	T
Bp Chr I	737217	CDS	+	<i>BPSL0649</i>	S	A	G
Bp Chr I	755926	CDS	-	<i>BPSL0664</i>	N	C	G
Bp Chr I	756367	CDS	-	<i>BPSL0665</i>	S	G	C
Bp Chr I	756757	CDS	-	<i>BPSL0665</i>	S	A	G
Bp Chr I	756856	CDS	-	<i>BPSL0665</i>	S	T	C
Bp Chr I	757018	CDS	-	<i>BPSL0666</i>	S	G	A
Bp Chr I	757228	CDS	-	<i>BPSL0666</i>	S	G	A
Bp Chr I	757761	CDS	-	<i>BPSL0667</i>	N	G	T
Bp Chr I	757787	CDS	-	<i>BPSL0667</i>	N	T	G
Bp Chr I	758399	CDS	-	<i>BPSL0667</i>	S	G	A
Bp Chr I	758457	CDS	-	<i>BPSL0667</i>	S	A	G
Bp Chr I	758460	CDS	-	<i>BPSL0667</i>	S	A	G
Bp Chr I	758902	CDS	-	<i>BPSL0667</i>	N	C	T
Bp Chr I	758933	CDS	-	<i>BPSL0667</i>	N	T	C
Bp Chr I	759015	CDS	-	<i>BPSL0667</i>	S	C	T
Bp Chr I	759156	CDS	-	<i>BPSL0667</i>	S	G	A
Bp Chr I	759381	CDS	-	<i>BPSL0667</i>	S	T	C
Bp Chr I	759817	CDS	-	<i>BPSL0668</i>	S	C	A
Bp Chr I	759982	CDS	-	<i>BPSL0668</i>	S	T	C
Bp Chr I	760060	CDS	-	<i>BPSL0668</i>	S	C	T
Bp Chr I	760144	CDS	-	<i>BPSL0668</i>	S	A	G
Bp Chr I	760884	Intergenic	.	-	-	T	C
Bp Chr I	761119	CDS	-	<i>BPSL0669</i>	S	G	C
Bp Chr I	761359	CDS	-	<i>BPSL0669</i>	S	T	C
Bp Chr I	761461	CDS	-	<i>BPSL0669</i>	S	G	A
Bp Chr I	761641	CDS	-	<i>BPSL0669</i>	S	C	T
Bp Chr I	761647	CDS	-	<i>BPSL0669</i>	S	G	C
Bp Chr I	761653	CDS	-	<i>BPSL0669</i>	S	C	A
Bp Chr I	761740	CDS	-	<i>BPSL0669</i>	S	T	C
Bp Chr I	761812	CDS	-	<i>BPSL0669</i>	S	C	T
Bp Chr I	761956	CDS	-	<i>BPSL0669</i>	S	G	A
Bp Chr I	761963	CDS	-	<i>BPSL0669</i>	N	C	T
Bp Chr I	761986	CDS	-	<i>BPSL0669</i>	S	G	A
Bp Chr I	762259	CDS	-	<i>BPSL0669</i>	S	C	T
Bp Chr I	762271	CDS	-	<i>BPSL0669</i>	S	C	T

Bp Chr I	762443	CDS	-	BPSL0669	N	C	T
Bp Chr I	762730	CDS	-	BPSL0670	S	A	G
Bp Chr I	762898	CDS	-	BPSL0670	S	C	T
Bp Chr I	763267	CDS	-	BPSL0670	S	C	T
Bp Chr I	773718	CDS	-	BPSL0679	S	T	C
Bp Chr I	774192	Intergenic	.	-	-	T	C
Bp Chr I	774405	CDS	-	BPSL0680	S	A	G
Bp Chr I	774711	CDS	-	BPSL0680	S	G	A
Bp Chr I	774980	CDS	-	BPSL0680	N	T	G
Bp Chr I	775182	CDS	-	BPSL0681	N	C	T
Bp Chr I	775306	CDS	-	BPSL0681	S	G	A
Bp Chr I	775399	CDS	-	BPSL0681	S	G	C
Bp Chr I	775648	CDS	-	BPSL0681	S	T	C
Bp Chr I	775693	CDS	-	BPSL0681	S	C	G
Bp Chr I	778239	CDS	-	BPSL0683	S	T	C
Bp Chr I	778424	CDS	-	BPSL0683	N	C	T
Bp Chr I	778446	CDS	-	BPSL0683	S	G	A
Bp Chr I	779111	CDS	-	BPSL0683	N	T	C
Bp Chr I	779259	CDS	-	BPSL0683	S	C	T
Bp Chr I	779377	Intergenic	.	-	-	C	T
Bp Chr I	779792	CDS	-	BPSL0684	S	G	C
Bp Chr I	779867	CDS	-	BPSL0684	S	T	C
Bp Chr I	780146	CDS	-	BPSL0684	S	C	T
Bp Chr I	780238	CDS	-	BPSL0684	N	C	G
Bp Chr I	780356	CDS	-	BPSL0684	S	T	C
Bp Chr I	780425	CDS	-	BPSL0684	S	G	A
Bp Chr I	780454	CDS	-	BPSL0684	N	C	T
Bp Chr I	781201	Intergenic	.	-	-	C	A
Bp Chr I	781330	Intergenic	.	-	-	C	T
Bp Chr I	781349	Intergenic	.	-	-	C	G
Bp Chr I	781447	Intergenic	.	-	-	T	C
Bp Chr I	781602	Intergenic	.	-	-	G	T
Bp Chr I	781659	Intergenic	.	-	-	G	A
Bp Chr I	781669	Intergenic	.	-	-	T	A
Bp Chr I	781725	Intergenic	.	-	-	T	C
Bp Chr I	781805	Intergenic	.	-	-	G	T
Bp Chr I	781846	Intergenic	.	-	-	T	C
Bp Chr I	781854	Intergenic	.	-	-	C	T
Bp Chr I	781860	Intergenic	.	-	-	C	T
Bp Chr I	781865	Intergenic	.	-	-	A	T
Bp Chr I	781889	Intergenic	.	-	-	G	A
Bp Chr I	781930	Intergenic	.	-	-	T	C
Bp Chr I	781955	Intergenic	.	-	-	C	T
Bp Chr I	781983	Intergenic	.	-	-	G	T
Bp Chr I	782139	CDS	-	BPSL0686	S	G	A
Bp Chr I	782145	CDS	-	BPSL0686	S	A	G
Bp Chr I	782256	CDS	-	BPSL0686	S	T	C
Bp Chr I	782280	CDS	-	BPSL0686	S	G	A
Bp Chr I	782294	CDS	-	BPSL0686	S	G	A
Bp Chr I	782363	CDS	-	BPSL0686	S	A	G

Bp Chr I	782437	CDS	-	BPSL0686	N	T	C
Bp Chr I	782727	CDS	-	BPSL0686	S	C	T
Bp Chr I	782945	CDS	-	BPSL0687	N	C	T
Bp Chr I	784273	CDS	-	BPSL0687	S	T	C
Bp Chr I	784435	Intergenic	.	-	-	T	C
Bp Chr I	784538	CDS	-	BPSL0688	N	G	T
Bp Chr I	784539	CDS	-	BPSL0688	N	C	T
Bp Chr I	784682	CDS	-	BPSL0688	N	T	G
Bp Chr I	784708	CDS	-	BPSL0688	S	C	T
Bp Chr I	784807	CDS	-	BPSL0688	S	G	A
Bp Chr I	784860	CDS	-	BPSL0688	N	C	T
Bp Chr I	784870	CDS	-	BPSL0688	S	G	A
Bp Chr I	784909	CDS	-	BPSL0688	S	C	T
Bp Chr I	785077	CDS	-	BPSL0688	S	C	T
Bp Chr I	785164	CDS	-	BPSL0688	S	C	A
Bp Chr I	785218	CDS	-	BPSL0688	S	T	C
Bp Chr I	785305	CDS	-	BPSL0688	S	G	A
Bp Chr I	785411	CDS	-	BPSL0688	N	C	A
Bp Chr I	786589	Intergenic	.	-	-	T	C
Bp Chr I	786627	CDS	-	BPSL0690	S	T	C
Bp Chr I	786702	CDS	-	BPSL0690	S	C	T
Bp Chr I	787134	Intergenic	.	-	-	A	G
Bp Chr I	787293	CDS	-	BPSL0691	S	A	G
Bp Chr I	787761	CDS	-	BPSL0691	S	G	A
Bp Chr I	787791	CDS	-	BPSL0691	S	A	G
Bp Chr I	788084	Intergenic	.	-	-	G	A
Bp Chr I	788139	Intergenic	.	-	-	T	C
Bp Chr I	788419	CDS	+	BPSL0692	S	T	C
Bp Chr I	788452	CDS	+	BPSL0692	S	G	A
Bp Chr I	788581	CDS	+	BPSL0692	S	G	A
Bp Chr I	788692	CDS	+	BPSL0692	S	G	A
Bp Chr I	800081	Intergenic	.	-	-	C	T
Bp Chr I	800128	CDS	+	BPSL0702	N	G	A
Bp Chr I	800214	CDS	+	BPSL0702	N	G	C
Bp Chr I	800225	CDS	+	BPSL0702	N	C	T
Bp Chr I	800388	CDS	+	BPSL0702	S	C	T
Bp Chr I	800416	CDS	+	BPSL0702	N	G	A
Bp Chr I	800481	CDS	+	BPSL0702	S	T	C
Bp Chr I	800595	CDS	+	BPSL0702	S	T	C
Bp Chr I	800817	CDS	+	BPSL0702	S	G	A
Bp Chr I	801222	CDS	+	BPSL0702	S	C	G
Bp Chr I	815240	CDS	-	BPSL0712	S	G	A
Bp Chr I	815775	CDS	-	BPSL0712	S	C	T
Bp Chr I	815970	CDS	-	BPSL0712	N	C	T
Bp Chr I	816034	Intergenic	.	-	-	T	A
Bp Chr I	816160	CDS	-	BPSL0713	N	C	A
Bp Chr I	816230	CDS	-	BPSL0713	S	T	C
Bp Chr I	816465	CDS	-	BPSL0713	N	G	A
Bp Chr I	816743	CDS	-	BPSL0713	S	G	A
Bp Chr I	816753	CDS	-	BPSL0713	N	A	G

Bp Chr I	816797	CDS	-	<i>BPSL0713</i>	S	T	C
Bp Chr I	816842	CDS	-	<i>BPSL0713</i>	S	C	T
Bp Chr I	816899	CDS	-	<i>BPSL0713</i>	S	G	A
Bp Chr I	816969	CDS	-	<i>BPSL0713</i>	N	G	A
Bp Chr I	817080	CDS	-	<i>BPSL0713</i>	N	G	T
Bp Chr I	817337	CDS	-	<i>BPSL0713</i>	S	T	C
Bp Chr I	817408	CDS	-	<i>BPSL0713</i>	N	T	C
Bp Chr I	817424	CDS	-	<i>BPSL0713</i>	S	G	A
Bp Chr I	817460	CDS	-	<i>BPSL0713</i>	S	A	G
Bp Chr I	817550	CDS	-	<i>BPSL0713</i>	S	G	A
Bp Chr I	817620	CDS	-	<i>BPSL0713</i>	N	C	T
Bp Chr I	817744	CDS	-	<i>BPSL0713</i>	N	C	T
Bp Chr I	905056	CDS	+	<i>BPSL0777</i>	S	C	T
Bp Chr I	905116	CDS	+	<i>BPSL0777</i>	N	G	A
Bp Chr I	905208	CDS	+	<i>BPSL0777</i>	S	C	T
Bp Chr I	905489	Intergenic	.	-	-	G	A
Bp Chr I	905547	Intergenic	.	-	-	A	C
Bp Chr I	905549	Intergenic	.	-	-	T	C
Bp Chr I	905563	Intergenic	.	-	-	T	C
Bp Chr I	905583	Intergenic	.	-	-	T	C
Bp Chr I	905778	CDS	+	<i>BPSL0778</i>	S	A	G
Bp Chr I	905808	CDS	+	<i>BPSL0778</i>	S	T	C
Bp Chr I	905834	CDS	+	<i>BPSL0778</i>	N	T	C
Bp Chr I	905856	CDS	+	<i>BPSL0778</i>	S	G	A
Bp Chr I	905928	CDS	+	<i>BPSL0778</i>	S	C	T
Bp Chr I	905934	CDS	+	<i>BPSL0778</i>	S	C	G
Bp Chr I	906093	CDS	+	<i>BPSL0778</i>	S	G	A
Bp Chr I	906122	CDS	+	<i>BPSL0778</i>	N	A	G
Bp Chr I	906613	CDS	+	<i>BPSL0779</i>	S	G	A
Bp Chr I	906808	CDS	+	<i>BPSL0779</i>	S	C	T
Bp Chr I	906817	CDS	+	<i>BPSL0779</i>	S	C	T
Bp Chr I	906826	CDS	+	<i>BPSL0779</i>	S	G	A
Bp Chr I	906844	CDS	+	<i>BPSL0779</i>	S	C	T
Bp Chr I	907063	CDS	+	<i>BPSL0779</i>	S	C	T
Bp Chr I	907252	CDS	+	<i>BPSL0779</i>	S	G	A
Bp Chr I	907393	CDS	+	<i>BPSL0779</i>	S	T	C
Bp Chr I	907540	CDS	+	<i>BPSL0779</i>	2	A	G
Bp Chr I	907807	CDS	+	<i>BPSL0780</i>	S	T	C
Bp Chr I	915858	CDS	+	<i>BPSL0787</i>	S	G	T
Bp Chr I	915886	CDS	+	<i>BPSL0787</i>	N	G	A
Bp Chr I	915912	CDS	+	<i>BPSL0787</i>	S	G	A
Bp Chr I	915966	CDS	+	<i>BPSL0787</i>	S	T	G
Bp Chr I	915983	CDS	+	<i>BPSL0787</i>	N	T	C
Bp Chr I	915989	CDS	+	<i>BPSL0787</i>	N	C	G
Bp Chr I	915990	CDS	+	<i>BPSL0787</i>	S	G	C
Bp Chr I	916011	CDS	+	<i>BPSL0787</i>	S	C	T
Bp Chr I	916338	CDS	+	<i>BPSL0787</i>	S	A	G
Bp Chr I	916432	Intergenic	.	-	-	G	A
Bp Chr I	916540	Intergenic	.	-	-	A	C
Bp Chr I	916624	Intergenic	.	-	-	A	G

Bp Chr I	916633	Intergenic	.	-	-	A	G
Bp Chr I	916642	Intergenic	.	-	-	A	G
Bp Chr I	916652	Intergenic	.	-	-	T	C
Bp Chr I	916655	Intergenic	.	-	-	A	G
Bp Chr I	916715	Intergenic	.	-	-	C	T
Bp Chr I	916718	Intergenic	.	-	-	C	T
Bp Chr I	916743	Intergenic	.	-	-	C	T
Bp Chr I	916776	CDS	-	<i>BPSL0788</i>	N	C	T
Bp Chr I	916805	CDS	-	<i>BPSL0788</i>	S	G	C
Bp Chr I	916904	CDS	-	<i>BPSL0788</i>	S	G	A
Bp Chr I	917093	CDS	-	<i>BPSL0788</i>	S	C	T
Bp Chr I	917252	CDS	-	<i>BPSL0788</i>	S	C	T
Bp Chr I	917256	CDS	-	<i>BPSL0788</i>	N	G	A
Bp Chr I	917427	CDS	-	<i>BPSL0789</i>	S	C	T
Bp Chr I	917499	CDS	-	<i>BPSL0789</i>	S	C	T
Bp Chr I	917699	CDS	-	<i>BPSL0789</i>	N	C	T
Bp Chr I	917820	CDS	-	<i>BPSL0789</i>	S	G	A
Bp Chr I	917835	CDS	-	<i>BPSL0789</i>	S	C	T
Bp Chr I	917855	CDS	-	<i>BPSL0789</i>	N	T	C
Bp Chr I	917967	CDS	-	<i>BPSL0789</i>	S	C	A
Bp Chr I	917985	CDS	-	<i>BPSL0789</i>	S	C	T
Bp Chr I	918042	CDS	-	<i>BPSL0789</i>	S	G	A
Bp Chr I	918045	CDS	-	<i>BPSL0789</i>	S	G	A
Bp Chr I	918568	CDS	-	<i>BPSL0790</i>	S	C	T
Bp Chr I	918598	CDS	-	<i>BPSL0790</i>	S	C	G
Bp Chr I	919548	CDS	-	<i>BPSL0791</i>	N	A	T
Bp Chr I	919653	CDS	-	<i>BPSL0791</i>	S	C	T
Bp Chr I	919710	CDS	-	<i>BPSL0791</i>	S	G	A
Bp Chr I	919767	CDS	-	<i>BPSL0791</i>	S	A	G
Bp Chr I	919779	CDS	-	<i>BPSL0791</i>	S	A	G
Bp Chr I	920976	CDS	-	<i>BPSL0793</i>	S	T	C
Bp Chr I	921409	Intergenic	.	-	-	T	C
Bp Chr I	921682	CDS	+	<i>BPSL0794</i>	S	G	A
Bp Chr I	921754	CDS	+	<i>BPSL0794</i>	S	G	A
Bp Chr I	921790	CDS	+	<i>BPSL0794</i>	S	A	G
Bp Chr I	921791	CDS	+	<i>BPSL0794</i>	N	G	A
Bp Chr I	921859	CDS	+	<i>BPSL0794</i>	S	C	A
Bp Chr I	921904	CDS	+	<i>BPSL0794</i>	S	C	T
Bp Chr I	922243	CDS	+	<i>BPSL0794</i>	S	A	G
Bp Chr I	922284	CDS	+	<i>BPSL0794</i>	N	G	T
Bp Chr I	922301	CDS	+	<i>BPSL0794</i>	N	C	G
Bp Chr I	922302	CDS	+	<i>BPSL0794</i>	N	A	G
Bp Chr I	922485	CDS	+	<i>BPSL0795</i>	S	C	T
Bp Chr I	923233	CDS	+	<i>BPSL0796</i>	N	C	T
Bp Chr I	923250	CDS	+	<i>BPSL0796</i>	S	C	T
Bp Chr I	923693	CDS	+	<i>BPSL0796</i>	S	G	A
Bp Chr I	923806	CDS	+	<i>BPSL0796</i>	N	A	C
Bp Chr I	923847	CDS	+	<i>BPSL0796</i>	N	G	A
Bp Chr I	923975	CDS	+	<i>BPSL0796</i>	S	C	T
Bp Chr I	924182	Intergenic	.	-	-	A	G

Bp Chr I	924201	Intergenic	.	-	-	T	A
Bp Chr I	924263	Intergenic	.	-	-	C	A
Bp Chr I	924495	CDS	+	<i>BPSL0797</i>	S	C	A
Bp Chr I	925377	CDS	+	<i>BPSL0797</i>	S	G	A
Bp Chr I	925488	CDS	+	<i>BPSL0797</i>	S	C	T
Bp Chr I	925901	Intergenic	.	-	-	G	A
Bp Chr I	925949	Intergenic	.	-	-	G	A
Bp Chr I	925981	Intergenic	.	-	-	C	T
Bp Chr I	926106	Intergenic	.	-	-	A	C
Bp Chr I	926233	CDS	+	<i>BPSL0798</i>	S	C	T
Bp Chr I	927277	Intergenic	.	-	-	C	A
Bp Chr I	927664	CDS	+	<i>BPSL0799</i>	S	C	T
Bp Chr I	927715	CDS	+	<i>BPSL0799</i>	S	C	T
Bp Chr I	927803	CDS	+	<i>BPSL0799</i>	N	G	A
Bp Chr I	928356	CDS	+	<i>BPSL0800</i>	S	T	C
Bp Chr I	928512	CDS	+	<i>BPSL0800</i>	S	G	C
Bp Chr I	928668	CDS	+	<i>BPSL0800</i>	S	C	T
Bp Chr I	928948	CDS	+	<i>BPSL0801</i>	S	T	C
Bp Chr I	929515	CDS	+	<i>BPSL0801</i>	S	G	A
Bp Chr I	929608	CDS	+	<i>BPSL0801</i>	S	T	C
Bp Chr I	929629	CDS	+	<i>BPSL0801</i>	S	C	T
Bp Chr I	929924	CDS	+	<i>BPSL0801</i>	N	G	T
Bp Chr I	929934	CDS	+	<i>BPSL0801</i>	N	T	C
Bp Chr I	929944	CDS	+	<i>BPSL0801</i>	S	G	A
Bp Chr I	930288	CDS	+	<i>BPSL0802</i>	S	C	T
Bp Chr I	930999	CDS	+	<i>BPSL0802</i>	S	C	T
Bp Chr I	931026	CDS	+	<i>BPSL0802</i>	S	A	G
Bp Chr I	931056	CDS	+	<i>BPSL0802</i>	S	C	T
Bp Chr I	931086	CDS	+	<i>BPSL0802</i>	S	A	G
Bp Chr I	931116	CDS	+	<i>BPSL0802</i>	S	A	G
Bp Chr I	931154	CDS	+	<i>BPSL0802</i>	N	C	T
Bp Chr I	931170	Intergenic	.	-	-	G	A
Bp Chr I	931214	Intergenic	.	-	-	A	G
Bp Chr I	931272	Intergenic	.	-	-	G	A
Bp Chr I	931278	Intergenic	.	-	-	G	A
Bp Chr I	931284	Intergenic	.	-	-	A	G
Bp Chr I	931290	Intergenic	.	-	-	A	G
Bp Chr I	931296	Intergenic	.	-	-	A	G
Bp Chr I	931302	Intergenic	.	-	-	A	G
Bp Chr I	931305	Intergenic	.	-	-	G	A
Bp Chr I	931308	Intergenic	.	-	-	A	G
Bp Chr I	931430	Intergenic	.	-	-	T	C
Bp Chr I	946710	CDS	+	<i>BPSL0815</i>	S	G	A
Bp Chr I	946911	CDS	+	<i>BPSL0815</i>	S	G	A
Bp Chr I	947034	CDS	+	<i>BPSL0815</i>	N	C	G
Bp Chr I	947343	CDS	+	<i>BPSL0815</i>	S	C	T
Bp Chr I	947368	Intergenic	.	-	-	C	T
Bp Chr I	948871	CDS	+	<i>BPSL0816</i>	N	G	T
Bp Chr I	949001	Intergenic	.	-	-	C	T
Bp Chr I	949018	Intergenic	.	-	-	A	G

Bp Chr I	949019	Intergenic	.	-	-	C	A
Bp Chr I	949114	Intergenic	.	-	-	C	G
Bp Chr I	949202	Intergenic	.	-	-	G	A
Bp Chr I	949256	Intergenic	.	-	-	G	A
Bp Chr I	949268	Intergenic	.	-	-	G	C
Bp Chr I	949293	Intergenic	.	-	-	G	T
Bp Chr I	949332	Intergenic	.	-	-	G	C
Bp Chr I	949335	Intergenic	.	-	-	T	C
Bp Chr I	949798	CDS	-	<i>BPSL0817</i>	S	T	C
Bp Chr I	949947	CDS	-	<i>BPSL0817</i>	S	A	G
Bp Chr I	950127	CDS	-	<i>BPSL0817</i>	N	T	C
Bp Chr I	950146	CDS	-	<i>BPSL0817</i>	S	T	C
Bp Chr I	950332	CDS	-	<i>BPSL0817</i>	S	T	C
Bp Chr I	950588	CDS	-	<i>BPSL0817</i>	N	A	G
Bp Chr I	955013	CDS	+	<i>BPSL0820</i>	S	C	T
Bp Chr I	955040	CDS	+	<i>BPSL0820</i>	S	G	T
Bp Chr I	955184	CDS	+	<i>BPSL0820</i>	S	T	C
Bp Chr I	955361	CDS	+	<i>BPSL0821</i>	N	C	T
Bp Chr I	955425	CDS	+	<i>BPSL0821</i>	S	A	G
Bp Chr I	955596	CDS	+	<i>BPSL0821</i>	S	A	G
Bp Chr I	955662	CDS	+	<i>BPSL0821</i>	S	G	A
Bp Chr I	955713	CDS	+	<i>BPSL0821</i>	S	A	G
Bp Chr I	955825	CDS	+	<i>BPSL0821</i>	S	C	T
Bp Chr I	955968	CDS	+	<i>BPSL0821</i>	S	C	T
Bp Chr I	955975	CDS	+	<i>BPSL0821</i>	N	C	T
Bp Chr I	956001	CDS	+	<i>BPSL0821</i>	S	T	C
Bp Chr I	956048	CDS	+	<i>BPSL0821</i>	N	C	T
Bp Chr I	956824	CDS	-	<i>BPSL0822</i>	S	C	T
Bp Chr I	956905	CDS	-	<i>BPSL0822</i>	S	C	T
Bp Chr I	956950	CDS	-	<i>BPSL0822</i>	S	C	T
Bp Chr I	957188	CDS	-	<i>BPSL0823</i>	S	G	A
Bp Chr I	957248	CDS	-	<i>BPSL0823</i>	S	C	T
Bp Chr I	957649	CDS	-	<i>BPSL0823</i>	N	C	T
Bp Chr I	957656	CDS	-	<i>BPSL0823</i>	S	C	T
Bp Chr I	957805	CDS	-	<i>BPSL0823</i>	N	G	A
Bp Chr I	957812	CDS	-	<i>BPSL0823</i>	S	G	A
Bp Chr I	957959	CDS	-	<i>BPSL0823</i>	S	C	T
Bp Chr I	957976	CDS	-	<i>BPSL0823</i>	N	G	T
Bp Chr I	958122	CDS	-	<i>BPSL0824</i>	S	G	A
Bp Chr I	958189	CDS	-	<i>BPSL0824</i>	N	C	T
Bp Chr I	958290	CDS	-	<i>BPSL0824</i>	S	A	G
Bp Chr I	958388	CDS	-	<i>BPSL0824</i>	N	C	T
Bp Chr I	958491	CDS	-	<i>BPSL0824</i>	S	G	T
Bp Chr I	958849	CDS	-	<i>BPSL0824</i>	N	G	A
Bp Chr I	959207	CDS	-	<i>BPSL0825</i>	S	G	A
Bp Chr I	959312	CDS	-	<i>BPSL0825</i>	S	C	T
Bp Chr I	959588	CDS	-	<i>BPSL0825</i>	S	G	A
Bp Chr I	959631	Intergenic	.	-	-	A	G
Bp Chr I	959671	Intergenic	.	-	-	C	T
Bp Chr I	959687	Intergenic	.	-	-	G	T

Bp Chr I	959802	Intergenic	.	-	-	C	T
Bp Chr I	959840	Intergenic	.	-	-	G	A
Bp Chr I	959858	Intergenic	.	-	-	C	T
Bp Chr I	959859	Intergenic	.	-	-	G	A
Bp Chr I	959988	CDS	+	<i>BPSL0826</i>	S	A	G
Bp Chr I	960040	CDS	+	<i>BPSL0826</i>	N	A	G
Bp Chr I	960121	CDS	+	<i>BPSL0826</i>	N	G	A
Bp Chr I	960183	CDS	+	<i>BPSL0826</i>	S	C	T
Bp Chr I	960282	CDS	+	<i>BPSL0826</i>	S	C	A
Bp Chr I	960648	CDS	+	<i>BPSL0826</i>	S	T	C
Bp Chr I	960908	CDS	+	<i>BPSL0827</i>	N	G	A
Bp Chr I	961003	CDS	+	<i>BPSL0827</i>	N	T	G
Bp Chr I	961057	CDS	+	<i>BPSL0827</i>	S	T	C
Bp Chr I	961141	CDS	+	<i>BPSL0827</i>	S	G	A
Bp Chr I	961158	CDS	+	<i>BPSL0827</i>	N	A	G
Bp Chr I	961216	CDS	+	<i>BPSL0827</i>	S	G	A
Bp Chr I	961270	CDS	+	<i>BPSL0827</i>	S	T	C
Bp Chr I	961381	CDS	+	<i>BPSL0827</i>	S	C	A
Bp Chr I	961468	CDS	+	<i>BPSL0827</i>	S	C	T
Bp Chr I	967364	CDS	+	<i>BPSL0833</i>	S	G	A
Bp Chr I	967560	CDS	+	<i>BPSL0833</i>	N	C	T
Bp Chr I	967664	CDS	+	<i>BPSL0833</i>	S	T	C
Bp Chr I	967679	CDS	+	<i>BPSL0833</i>	S	G	A
Bp Chr I	967925	CDS	+	<i>BPSL0833</i>	S	T	C
Bp Chr I	968135	CDS	+	<i>BPSL0833</i>	S	C	T
Bp Chr I	968294	Intergenic	.	-	-	G	A
Bp Chr I	968296	Intergenic	.	-	-	T	C
Bp Chr I	968303	Intergenic	.	-	-	G	A
Bp Chr I	968319	Intergenic	.	-	-	C	T
Bp Chr I	968394	Intergenic	.	-	-	C	T
Bp Chr I	968437	Intergenic	.	-	-	C	G
Bp Chr I	968454	Intergenic	.	-	-	C	T
Bp Chr I	968462	Intergenic	.	-	-	C	G
Bp Chr I	968470	Intergenic	.	-	-	G	C
Bp Chr I	968478	Intergenic	.	-	-	G	C,T
Bp Chr I	968633	CDS	-	<i>BPSL0834</i>	S	T	G
Bp Chr I	968693	CDS	-	<i>BPSL0834</i>	S	A	G
Bp Chr I	968770	CDS	-	<i>BPSL0834</i>	N	A	C
Bp Chr I	968813	CDS	-	<i>BPSL0834</i>	S	G	A
Bp Chr I	968857	CDS	-	<i>BPSL0834</i>	N	C	T
Bp Chr I	968859	CDS	-	<i>BPSL0834</i>	N	G	A
Bp Chr I	968888	CDS	-	<i>BPSL0834</i>	S	T	C
Bp Chr I	968957	CDS	-	<i>BPSL0834</i>	S	G	A
Bp Chr I	969276	CDS	-	<i>BPSL0834</i>	N	G	T
Bp Chr I	969293	CDS	-	<i>BPSL0834</i>	S	C	T
Bp Chr I	969815	Intergenic	.	-	-	G	A
Bp Chr I	969844	Intergenic	.	-	-	C	T
Bp Chr I	970005	Intergenic	.	-	-	T	C
Bp Chr I	970007	Intergenic	.	-	-	A	G
Bp Chr I	970078	Intergenic	.	-	-	A	C

Bp Chr I	970106	Intergenic	.	-	-	T	C
Bp Chr I	970117	Intergenic	.	-	-	G	C
Bp Chr I	970119	Intergenic	.	-	-	C	G
Bp Chr I	970121	Intergenic	.	-	-	C	T
Bp Chr I	970126	Intergenic	.	-	-	C	T,G
Bp Chr I	970202	Intergenic	.	-	-	T	G
Bp Chr I	970209	Intergenic	.	-	-	G	A
Bp Chr I	970365	CDS	-	<i>BPSL0835</i>	N	A	G
Bp Chr I	970441	CDS	-	<i>BPSL0835</i>	N	T	G
Bp Chr I	970448	CDS	-	<i>BPSL0835</i>	S	A	G
Bp Chr I	970485	CDS	-	<i>BPSL0835</i>	N	C	T
Bp Chr I	970514	CDS	-	<i>BPSL0835</i>	S	C	A
Bp Chr I	970589	CDS	-	<i>BPSL0835</i>	S	A	G
Bp Chr I	970628	CDS	-	<i>BPSL0835</i>	S	G	A
Bp Chr I	970739	CDS	-	<i>BPSL0835</i>	S	G	A
Bp Chr I	970828	CDS	-	<i>BPSL0835</i>	N	T	C
Bp Chr I	971159	Intergenic	.	-	-	C	G
Bp Chr I	971179	Intergenic	.	-	-	A	G
Bp Chr I	971187	Intergenic	.	-	-	C	T
Bp Chr I	971373	CDS	+	<i>BPSL0836</i>	S	C	T
Bp Chr I	971585	CDS	+	<i>BPSL0836</i>	N	G	A
Bp Chr I	971704	CDS	+	<i>BPSL0836</i>	N	T	C
Bp Chr I	971742	CDS	+	<i>BPSL0836</i>	S	T	C
Bp Chr I	971755	CDS	+	<i>BPSL0836</i>	S	C	T
Bp Chr I	971850	CDS	+	<i>BPSL0836</i>	S	C	T
Bp Chr I	971916	CDS	+	<i>BPSL0836</i>	S	G	A
Bp Chr I	972031	CDS	+	<i>BPSL0836</i>	N	T	A
Bp Chr I	972156	CDS	+	<i>BPSL0836</i>	S	C	T
Bp Chr I	972240	CDS	+	<i>BPSL0836</i>	S	A	G
Bp Chr I	972254	CDS	+	<i>BPSL0836</i>	N	G	A
Bp Chr I	972266	CDS	+	<i>BPSL0836</i>	N	C	T
Bp Chr I	972306	CDS	+	<i>BPSL0836</i>	S	C	T
Bp Chr I	972312	CDS	+	<i>BPSL0836</i>	S	G	C
Bp Chr I	972328	CDS	+	<i>BPSL0836</i>	N	T	C
Bp Chr I	972659	CDS	+	<i>BPSL0837</i>	S	A	C
Bp Chr I	972692	CDS	+	<i>BPSL0837</i>	N	T	G
Bp Chr I	972821	CDS	+	<i>BPSL0837</i>	S	C	T
Bp Chr I	973064	CDS	+	<i>BPSL0837</i>	N	T	G
Bp Chr I	973079	CDS	+	<i>BPSL0837</i>	S	C	G
Bp Chr I	973221	CDS	+	<i>BPSL0837</i>	N	G	A
Bp Chr I	973241	CDS	+	<i>BPSL0837</i>	S	A	G
Bp Chr I	973346	CDS	+	<i>BPSL0837</i>	S	C	T
Bp Chr I	973376	CDS	+	<i>BPSL0837</i>	S	C	A
Bp Chr I	973520	CDS	+	<i>BPSL0837</i>	S	C	T
Bp Chr I	973620	CDS	+	<i>BPSL0837</i>	N	T	C
Bp Chr I	973626	CDS	+	<i>BPSL0837</i>	N	G	A
Bp Chr I	973702	Intergenic	.	-	-	G	A
Bp Chr I	973752	Intergenic	.	-	-	T	C
Bp Chr I	973764	Intergenic	.	-	-	T	C
Bp Chr I	973770	Intergenic	.	-	-	C	T

Bp Chr I	973798	Intergenic	.	-	-	C	T
Bp Chr I	973803	Intergenic	.	-	-	C	T
Bp Chr I	973867	CDS	-	<i>BPSL0838</i>	S	T	C
Bp Chr I	973874	CDS	-	<i>BPSL0838</i>	N	G	C
Bp Chr I	973894	CDS	-	<i>BPSL0838</i>	S	C	A,T
Bp Chr I	974131	CDS	-	<i>BPSL0838</i>	S	A	C
Bp Chr I	974314	CDS	-	<i>BPSL0838</i>	S	T	C
Bp Chr I	974416	CDS	-	<i>BPSL0838</i>	S	G	A
Bp Chr I	974572	CDS	-	<i>BPSL0838</i>	S	G	A
Bp Chr I	974579	CDS	-	<i>BPSL0838</i>	N	T	C
Bp Chr I	974629	CDS	-	<i>BPSL0838</i>	S	G	A
Bp Chr I	974692	CDS	-	<i>BPSL0838</i>	S	C	T
Bp Chr I	974922	CDS	-	<i>BPSL0839</i>	S	G	A
Bp Chr I	974961	CDS	-	<i>BPSL0839</i>	S	C	T
Bp Chr I	975358	CDS	-	<i>BPSL0839</i>	N	G	T
Bp Chr I	975788	CDS	-	<i>BPSL0839</i>	N	C	T
Bp Chr I	976287	CDS	-	<i>BPSL0839</i>	S	G	A
Bp Chr I	976294	CDS	-	<i>BPSL0839</i>	N	A	G
Bp Chr I	976442	Intergenic	.	-	-	C	T
Bp Chr I	976508	CDS	-	<i>BPSL0840</i>	S	G	A
Bp Chr I	976539	CDS	-	<i>BPSL0840</i>	N	A	G
Bp Chr I	976738	CDS	-	<i>BPSL0840</i>	N	G	C
Bp Chr I	976874	CDS	-	<i>BPSL0840</i>	S	A	G
Bp Chr I	976880	CDS	-	<i>BPSL0840</i>	S	C	T
Bp Chr I	977060	CDS	-	<i>BPSL0840</i>	S	G	A
Bp Chr I	977138	CDS	-	<i>BPSL0840</i>	S	G	A
Bp Chr I	977273	CDS	-	<i>BPSL0840</i>	S	C	T
Bp Chr I	1013171	CDS	+	<i>BPSL0872</i>	N	G	A
Bp Chr I	1013241	CDS	+	<i>BPSL0872</i>	S	A	C
Bp Chr I	1013613	CDS	+	<i>BPSL0873</i>	S	C	T
Bp Chr I	1013901	CDS	+	<i>BPSL0873</i>	S	A	G
Bp Chr I	1014006	CDS	+	<i>BPSL0873</i>	S	G	T
Bp Chr I	1014199	Intergenic	.	-	-	C	G
Bp Chr I	1014212	Intergenic	.	-	-	G	A
Bp Chr I	1014239	Intergenic	.	-	-	C	T
Bp Chr I	1014270	Intergenic	.	-	-	G	C
Bp Chr I	1014294	Intergenic	.	-	-	G	A
Bp Chr I	1014360	Intergenic	.	-	-	C	T
Bp Chr I	1014373	Intergenic	.	-	-	A	G
Bp Chr I	1014377	Intergenic	.	-	-	C	G
Bp Chr I	1014406	Intergenic	.	-	-	A	G
Bp Chr I	1014650	CDS	-	<i>BPSL0874</i>	S	C	T
Bp Chr I	1014689	CDS	-	<i>BPSL0874</i>	S	G	A
Bp Chr I	1015016	CDS	-	<i>BPSL0874</i>	S	T	C
Bp Chr I	1015056	CDS	-	<i>BPSL0874</i>	N	G	A
Bp Chr I	1015103	CDS	-	<i>BPSL0874</i>	S	A	G
Bp Chr I	1015270	Intergenic	.	-	-	A	G
Bp Chr I	1015305	Intergenic	.	-	-	G	T
Bp Chr I	1015369	Intergenic	.	-	-	C	T
Bp Chr I	1015377	Intergenic	.	-	-	G	A

Bp Chr I	1015394	Intergenic	.	-	-	A	C
Bp Chr I	1015414	CDS	-	<i>BPSL0875</i>	S	G	C
Bp Chr I	1015444	CDS	-	<i>BPSL0875</i>	S	C	T
Bp Chr I	1015504	CDS	-	<i>BPSL0875</i>	S	G	C
Bp Chr I	1015963	CDS	-	<i>BPSL0875</i>	S	G	A
Bp Chr I	1016156	Intergenic	.	-	-	C	T
Bp Chr I	1016157	Intergenic	.	-	-	G	A
Bp Chr I	1016263	Intergenic	.	-	-	C	T
Bp Chr I	1016435	CDS	-	<i>BPSL0876</i>	S	C	T
Bp Chr I	1016449	CDS	-	<i>BPSL0876</i>	N	T	C
Bp Chr I	1016471	CDS	-	<i>BPSL0876</i>	S	T	C
Bp Chr I	1016885	CDS	-	<i>BPSL0876</i>	S	C	T
Bp Chr I	1017252	CDS	-	<i>BPSL0877</i>	N	C	T
Bp Chr I	1017254	CDS	-	<i>BPSL0877</i>	N	C	T
Bp Chr I	1017304	CDS	-	<i>BPSL0877</i>	N	T	G
Bp Chr I	1017517	CDS	-	<i>BPSL0878</i>	N	T	G
Bp Chr I	1018017	CDS	-	<i>BPSL0878</i>	N	G	A
Bp Chr I	1018025	CDS	-	<i>BPSL0878</i>	S	C	T
Bp Chr I	1018046	CDS	-	<i>BPSL0878</i>	S	G	A
Bp Chr I	1018067	CDS	-	<i>BPSL0878</i>	S	C	T
Bp Chr I	1018097	CDS	-	<i>BPSL0878</i>	S	C	T
Bp Chr I	1018424	CDS	-	<i>BPSL0878</i>	S	T	C
Bp Chr I	1018579	Intergenic	.	-	-	G	A
Bp Chr I	1018598	Intergenic	.	-	-	G	A
Bp Chr I	1018694	Intergenic	.	-	-	T	C
Bp Chr I	1018716	Intergenic	.	-	-	G	A
Bp Chr I	1018722	Intergenic	.	-	-	G	A
Bp Chr I	1018731	Intergenic	.	-	-	G	T
Bp Chr I	1018733	Intergenic	.	-	-	G	C
Bp Chr I	1018932	CDS	+	<i>BPSL0879</i>	N	C	T
Bp Chr I	1019236	CDS	+	<i>BPSL0879</i>	S	C	A
Bp Chr I	1019253	CDS	+	<i>BPSL0879</i>	N	C	T
Bp Chr I	1019269	CDS	+	<i>BPSL0879</i>	S	C	T
Bp Chr I	1019305	CDS	+	<i>BPSL0879</i>	S	G	A
Bp Chr I	1019322	CDS	+	<i>BPSL0879</i>	N	C	T
Bp Chr I	1019442	CDS	+	<i>BPSL0879</i>	N	C	T
Bp Chr I	1019809	CDS	+	<i>BPSL0879</i>	S	C	T
Bp Chr I	1019911	CDS	+	<i>BPSL0879</i>	S	T	C
Bp Chr I	1019943	CDS	+	<i>BPSL0879</i>	N	C	T
Bp Chr I	1020035	CDS	+	<i>BPSL0879</i>	S	A	C
Bp Chr I	1020062	CDS	+	<i>BPSL0879</i>	N	C	A
Bp Chr I	1020293	Intergenic	.	-	-	C	A
Bp Chr I	1020296	Intergenic	.	-	-	T	C
Bp Chr I	1020335	Intergenic	.	-	-	G	A
Bp Chr I	1020941	CDS	+	<i>BPSL0880</i>	S	G	A
Bp Chr I	1021072	Intergenic	.	-	-	C	T
Bp Chr I	1021096	Intergenic	.	-	-	C	T
Bp Chr I	1021162	Intergenic	.	-	-	T	C
Bp Chr I	1021244	Intergenic	.	-	-	C	T
Bp Chr I	1021286	Intergenic	.	-	-	A	G

Bp Chr I	1021324	Intergenic	.	-	-	T	C
Bp Chr I	1021338	Intergenic	.	-	-	T	C
Bp Chr I	1021355	Intergenic	.	-	-	A	T
Bp Chr I	1021436	Intergenic	.	-	-	T	C
Bp Chr I	1021552	CDS	+	<i>BPSL0881</i>	S	A	G
Bp Chr I	1021797	CDS	+	<i>BPSL0881</i>	N	G	A
Bp Chr I	1021837	CDS	+	<i>BPSL0881</i>	S	C	T
Bp Chr I	1021969	CDS	+	<i>BPSL0881</i>	S	T	C
Bp Chr I	1022431	CDS	+	<i>BPSL0881</i>	S	C	T
Bp Chr I	1044553	CDS	+	<i>BPSL0896</i>	S	C	T
Bp Chr I	1044763	CDS	+	<i>BPSL0896</i>	S	C	T
Bp Chr I	1044913	CDS	+	<i>BPSL0896</i>	S	T	C
Bp Chr I	1045527	Intergenic	.	-	-	G	A
Bp Chr I	1045656	CDS	+	<i>BPSL0897</i>	S	G	C
Bp Chr I	1045804	CDS	+	<i>BPSL0897</i>	N	G	A
Bp Chr I	1069103	Intergenic	.	-	-	C	T
Bp Chr I	1069331	CDS	-	<i>BPSL0915</i>	S	A	C
Bp Chr I	1069709	Intergenic	.	-	-	C	T
Bp Chr I	1069714	Intergenic	.	-	-	G	A
Bp Chr I	1069953	CDS	-	<i>BPSL0917</i>	S	C	T
Bp Chr I	1070142	CDS	-	<i>BPSL0917</i>	S	C	T
Bp Chr I	1070292	CDS	-	<i>BPSL0917</i>	S	A	G
Bp Chr I	1070334	CDS	-	<i>BPSL0917</i>	S	C	G
Bp Chr I	1070352	CDS	-	<i>BPSL0917</i>	S	C	T
Bp Chr I	1070418	CDS	-	<i>BPSL0917</i>	S	G	A
Bp Chr I	1070819	Intergenic	.	-	-	C	T
Bp Chr I	1071667	CDS	+	<i>BPSL0919</i>	S	T	C
Bp Chr I	1071849	CDS	+	<i>BPSL0919</i>	N	G	A
Bp Chr I	1071880	CDS	+	<i>BPSL0919</i>	S	C	A
Bp Chr I	1071942	CDS	+	<i>BPSL0919</i>	N	A	G
Bp Chr I	1071991	CDS	+	<i>BPSL0919</i>	S	C	T
Bp Chr I	1071994	CDS	+	<i>BPSL0919</i>	S	G	A
Bp Chr I	1072069	CDS	+	<i>BPSL0919</i>	S	C	T
Bp Chr I	1072297	CDS	+	<i>BPSL0919</i>	S	G	A
Bp Chr I	1072303	CDS	+	<i>BPSL0919</i>	S	C	T
Bp Chr I	1072315	CDS	+	<i>BPSL0919</i>	S	T	C
Bp Chr I	1072338	CDS	+	<i>BPSL0919</i>	N	C	G
Bp Chr I	1072350	Intergenic	.	-	-	T	C
Bp Chr I	1072418	Intergenic	.	-	-	T	C
Bp Chr I	1072427	Intergenic	.	-	-	T	C
Bp Chr I	1072440	Intergenic	.	-	-	G	A
Bp Chr I	1072450	Intergenic	.	-	-	G	A
Bp Chr I	1072451	Intergenic	.	-	-	G	A
Bp Chr I	1072487	Intergenic	.	-	-	A	C
Bp Chr I	1072727	CDS	+	<i>BPSL0919A</i>	S	A	G
Bp Chr I	1072933	CDS	+	<i>BPSL0919A</i>	N	C	T
Bp Chr I	1073004	CDS	+	<i>BPSL0919A</i>	N	C	T
Bp Chr I	1073020	CDS	+	<i>BPSL0919A</i>	N	A	T
Bp Chr I	1073195	Intergenic	.	-	-	C	T
Bp Chr I	1073213	Intergenic	.	-	-	G	A

Bp Chr I	1073565	CDS	+	<i>BPSL0920</i>	N	G	T
Bp Chr I	1074056	CDS	+	<i>BPSL0920</i>	S	C	A
Bp Chr I	1074203	CDS	+	<i>BPSL0920</i>	S	C	T
Bp Chr I	1074393	CDS	+	<i>BPSL0921</i>	S	G	A
Bp Chr I	1085369	CDS	-	<i>BPSL0933</i>	N	A	G
Bp Chr I	1085488	CDS	-	<i>BPSL0933</i>	S	C	T
Bp Chr I	1085493	CDS	-	<i>BPSL0933</i>	N	C	T
Bp Chr I	1085657	CDS	-	<i>BPSL0933</i>	N	A	G
Bp Chr I	1085752	CDS	-	<i>BPSL0933</i>	S	G	A
Bp Chr I	1085926	Intergenic	.	-	-	C	T
Bp Chr I	1085944	Intergenic	.	-	-	C	A
Bp Chr I	1085987	CDS	+	<i>BPSL0934</i>	N	G	A
Bp Chr I	1086088	CDS	+	<i>BPSL0934</i>	S	C	T
Bp Chr I	1086262	CDS	+	<i>BPSL0934</i>	S	T	C
Bp Chr I	1086371	CDS	+	<i>BPSL0934</i>	S	C	T
Bp Chr I	1086421	CDS	+	<i>BPSL0934</i>	S	T	C
Bp Chr I	1086571	CDS	+	<i>BPSL0934</i>	S	C	T
Bp Chr I	1086650	CDS	+	<i>BPSL0934</i>	N	G	T
Bp Chr I	1086732	CDS	+	<i>BPSL0934</i>	N	C	T
Bp Chr I	1086805	CDS	+	<i>BPSL0934</i>	S	C	T
Bp Chr I	1086896	Intergenic	.	-	-	A	G
Bp Chr I	1086899	Intergenic	.	-	-	C	T
Bp Chr I	1086907	Intergenic	.	-	-	T	C
Bp Chr I	1086925	Intergenic	.	-	-	A	G
Bp Chr I	1086949	Intergenic	.	-	-	T	G
Bp Chr I	1087042	Intergenic	.	-	-	A	G
Bp Chr I	1087059	CDS	-	<i>BPSL0935</i>	N	T	C
Bp Chr I	1087084	CDS	-	<i>BPSL0935</i>	N	C	T
Bp Chr I	1087095	CDS	-	<i>BPSL0935</i>	N	G	A
Bp Chr I	1087187	CDS	-	<i>BPSL0935</i>	S	A	G
Bp Chr I	1087243	CDS	-	<i>BPSL0935</i>	N	G	A
Bp Chr I	1087264	CDS	-	<i>BPSL0935</i>	N	G	C
Bp Chr I	1087345	CDS	-	<i>BPSL0935</i>	S	G	A
Bp Chr I	1087444	CDS	-	<i>BPSL0935</i>	N	G	A
Bp Chr I	1087453	CDS	-	<i>BPSL0935</i>	N	C	T
Bp Chr I	1087627	CDS	-	<i>BPSL0935</i>	N	C	T
Bp Chr I	1087644	CDS	-	<i>BPSL0935</i>	N	C	T
Bp Chr I	1087724	CDS	-	<i>BPSL0935</i>	S	C	T
Bp Chr I	1087808	CDS	-	<i>BPSL0936</i>	N	C	T
Bp Chr I	1087939	CDS	-	<i>BPSL0936</i>	S	T	C
Bp Chr I	1088056	CDS	-	<i>BPSL0936</i>	S	C	A
Bp Chr I	1088166	CDS	-	<i>BPSL0936</i>	N	C	T
Bp Chr I	1088277	CDS	-	<i>BPSL0936</i>	N	C	T
Bp Chr I	1088660	Intergenic	.	-	-	C	T
Bp Chr I	1088917	CDS	-	<i>BPSL0937</i>	S	G	A
Bp Chr I	1089068	CDS	-	<i>BPSL0937</i>	N	G	A
Bp Chr I	1089088	CDS	-	<i>BPSL0937</i>	S	A	G
Bp Chr I	1089256	CDS	-	<i>BPSL0937</i>	S	G	A
Bp Chr I	1089259	CDS	-	<i>BPSL0937</i>	S	C	T
Bp Chr I	1089264	CDS	-	<i>BPSL0937</i>	N	C	T

Bp Chr I	1089592	Intergenic	.	-	-	G	T
Bp Chr I	1089672	CDS	+	<i>BPSL0938</i>	S	T	C
Bp Chr I	1089842	CDS	+	<i>BPSL0938</i>	S	T	A
Bp Chr I	1089920	CDS	+	<i>BPSL0938</i>	S	A	G
Bp Chr I	1089992	CDS	+	<i>BPSL0938</i>	S	C	T
Bp Chr I	1116960	Intergenic	.	-	-	A	C
Bp Chr I	1117293	CDS	+	<i>BPSL0959</i>	S	G	A
Bp Chr I	1117662	CDS	+	<i>BPSL0959</i>	S	G	A
Bp Chr I	1118176	CDS	+	<i>BPSL0960</i>	S	T	C
Bp Chr I	1118383	CDS	+	<i>BPSL0960</i>	S	A	G
Bp Chr I	1118778	CDS	+	<i>BPSL0960</i>	N	T	C
Bp Chr I	1118957	CDS	+	<i>BPSL0960</i>	N	G	A
Bp Chr I	1119109	CDS	+	<i>BPSL0960</i>	S	C	T
Bp Chr I	1119381	CDS	+	<i>BPSL0961</i>	S	T	C
Bp Chr I	1119849	CDS	+	<i>BPSL0961</i>	S	C	T
Bp Chr I	1119950	CDS	+	<i>BPSL0961</i>	N	G	A
Bp Chr I	1120018	CDS	+	<i>BPSL0961</i>	N	G	A
Bp Chr I	1120020	CDS	+	<i>BPSL0961</i>	S	G	A
Bp Chr I	1120050	CDS	+	<i>BPSL0961</i>	S	A	G
Bp Chr I	1125013	CDS	+	<i>BPSL0966</i>	S	C	T
Bp Chr I	1125049	CDS	+	<i>BPSL0966</i>	S	T	C
Bp Chr I	1125139	CDS	+	<i>BPSL0967</i>	S	C	T
Bp Chr I	1125235	CDS	+	<i>BPSL0967</i>	S	A	G
Bp Chr I	1125315	CDS	+	<i>BPSL0967</i>	N	T	C
Bp Chr I	1232665	Intergenic	.	-	-	G	A
Bp Chr I	1233204	Intergenic	.	-	-	C	T
Bp Chr I	1233396	CDS	+	<i>BPSL1068</i>	S	C	T
Bp Chr I	1233545	CDS	+	<i>BPSL1068</i>	N	C	T
Bp Chr I	1233651	CDS	+	<i>BPSL1068</i>	S	G	A
Bp Chr I	1234095	CDS	+	<i>BPSL1068</i>	S	G	A
Bp Chr I	1234179	CDS	+	<i>BPSL1068</i>	S	C	T
Bp Chr I	1234698	CDS	+	<i>BPSL1068</i>	S	G	A
Bp Chr I	1234935	CDS	+	<i>BPSL1068</i>	S	G	A
Bp Chr I	1234986	CDS	+	<i>BPSL1068</i>	S	C	T
Bp Chr I	1235073	CDS	+	<i>BPSL1068</i>	S	C	T
Bp Chr I	1235096	CDS	+	<i>BPSL1068</i>	N	C	T
Bp Chr I	1235147	CDS	+	<i>BPSL1068</i>	N	G	A
Bp Chr I	1235321	Intergenic	.	-	-	G	T
Bp Chr I	1235641	CDS	+	<i>BPSL1069</i>	S	A	G
Bp Chr I	1235659	CDS	+	<i>BPSL1069</i>	S	C	T
Bp Chr I	1235992	CDS	+	<i>BPSL1069</i>	S	G	A
Bp Chr I	1236040	CDS	+	<i>BPSL1069</i>	S	G	A
Bp Chr I	1236259	CDS	+	<i>BPSL1069</i>	S	G	A
Bp Chr I	1236352	CDS	+	<i>BPSL1069</i>	S	T	C
Bp Chr I	1236688	CDS	+	<i>BPSL1069</i>	S	C	T
Bp Chr I	1237021	CDS	+	<i>BPSL1069</i>	S	T	C
Bp Chr I	1237274	CDS	+	<i>BPSL1069</i>	S	C	T
Bp Chr I	1238225	CDS	+	<i>BPSL1070</i>	S	C	G
Bp Chr I	1238291	CDS	+	<i>BPSL1070</i>	S	G	A
Bp Chr I	1238369	CDS	+	<i>BPSL1070</i>	S	G	A

Bp Chr I	1250533	CDS	-	<i>BPSL1080</i>	S	C	T
Bp Chr I	1250557	CDS	-	<i>BPSL1080</i>	S	T	C
Bp Chr I	1250591	CDS	-	<i>BPSL1080</i>	N	G	C
Bp Chr I	1250713	CDS	-	<i>BPSL1080</i>	S	A	G
Bp Chr I	1250800	CDS	-	<i>BPSL1080</i>	S	A	G
Bp Chr I	1250869	CDS	-	<i>BPSL1080</i>	S	C	T
Bp Chr I	1250887	CDS	-	<i>BPSL1080</i>	S	G	A
Bp Chr I	1251058	CDS	-	<i>BPSL1080</i>	S	C	A
Bp Chr I	1251154	CDS	-	<i>BPSL1080</i>	S	G	A
Bp Chr I	1251397	CDS	-	<i>BPSL1080</i>	S	G	C
Bp Chr I	1251496	CDS	-	<i>BPSL1080</i>	S	G	A
Bp Chr I	1251526	CDS	-	<i>BPSL1080</i>	S	G	A
Bp Chr I	1251565	CDS	-	<i>BPSL1080</i>	S	C	T
Bp Chr I	1251588	CDS	-	<i>BPSL1080</i>	N	C	T
Bp Chr I	1251613	CDS	-	<i>BPSL1080</i>	S	A	G
Bp Chr I	1251768	CDS	-	<i>BPSL1080</i>	N	C	G
Bp Chr I	1251928	Intergenic	.	-	-	G	A
Bp Chr I	1251984	Intergenic	.	-	-	T	A
Bp Chr I	1252072	Intergenic	.	-	-	C	A
Bp Chr I	1252095	Intergenic	.	-	-	G	A
Bp Chr I	1252221	CDS	-	<i>BPSL1081</i>	N	C	T
Bp Chr I	1252237	CDS	-	<i>BPSL1081</i>	S	G	T
Bp Chr I	1252349	CDS	-	<i>BPSL1081</i>	N	C	T
Bp Chr I	1252485	CDS	-	<i>BPSL1081</i>	N	C	T
Bp Chr I	1252489	CDS	-	<i>BPSL1081</i>	S	C	T
Bp Chr I	1252894	CDS	-	<i>BPSL1081</i>	S	G	A
Bp Chr I	1253013	CDS	-	<i>BPSL1081</i>	N	G	C
Bp Chr I	1253381	CDS	-	<i>BPSL1082</i>	S	A	G
Bp Chr I	1253421	CDS	-	<i>BPSL1082</i>	N	A	G
Bp Chr I	1253441	CDS	-	<i>BPSL1082</i>	S	C	T
Bp Chr I	1253547	Intergenic	.	-	-	G	A
Bp Chr I	1253727	CDS	-	<i>BPSL1083</i>	S	G	A
Bp Chr I	1253832	CDS	-	<i>BPSL1083</i>	S	T	C
Bp Chr I	1253841	CDS	-	<i>BPSL1083</i>	S	C	T
Bp Chr I	1253858	CDS	-	<i>BPSL1083</i>	N	C	T
Bp Chr I	1253880	CDS	-	<i>BPSL1083</i>	S	G	A
Bp Chr I	1253904	CDS	-	<i>BPSL1083</i>	S	C	T
Bp Chr I	1253958	CDS	-	<i>BPSL1083</i>	S	C	T
Bp Chr I	1254030	CDS	-	<i>BPSL1083</i>	S	C	T
Bp Chr I	1254163	CDS	-	<i>BPSL1083</i>	N	C	T
Bp Chr I	1254282	CDS	-	<i>BPSL1083</i>	S	C	T
Bp Chr I	1254291	CDS	-	<i>BPSL1083</i>	S	C	A
Bp Chr I	1254399	CDS	-	<i>BPSL1083</i>	S	G	A
Bp Chr I	1254513	CDS	-	<i>BPSL1083</i>	S	G	A
Bp Chr I	1254718	CDS	-	<i>BPSL1083</i>	N	C	T
Bp Chr I	1277993	Intergenic	.	-	-	A	G
Bp Chr I	1278100	Intergenic	.	-	-	C	T
Bp Chr I	1278291	CDS	-	<i>BPSL1107</i>	S	A	G
Bp Chr I	1278358	CDS	-	<i>BPSL1107</i>	S	G	C
Bp Chr I	1278397	CDS	-	<i>BPSL1107</i>	S	A	G

Bp Chr I	1278442	CDS	-	<i>BPSL1107</i>	S	A	G
Bp Chr I	1278595	CDS	-	<i>BPSL1107</i>	S	C	T
Bp Chr I	1278610	CDS	-	<i>BPSL1107</i>	S	A	G
Bp Chr I	1278784	CDS	-	<i>BPSL1107</i>	S	G	T
Bp Chr I	1279027	CDS	-	<i>BPSL1107</i>	S	C	T
Bp Chr I	1279995	Intergenic	.	-	-	A	G
Bp Chr I	1280086	Intergenic	.	-	-	A	G
Bp Chr I	1295491	Intergenic	.	-	-	C	G
Bp Chr I	1295496	Intergenic	.	-	-	T	C
Bp Chr I	1295526	Intergenic	.	-	-	G	A
Bp Chr I	1295531	Intergenic	.	-	-	T	C
Bp Chr I	1295550	Intergenic	.	-	-	C	T
Bp Chr I	1295613	Intergenic	.	-	-	C	A
Bp Chr I	1295647	Intergenic	.	-	-	T	C
Bp Chr I	1295679	Intergenic	.	-	-	T	C
Bp Chr I	1295717	Intergenic	.	-	-	C	A
Bp Chr I	1296294	CDS	+	<i>BPSL1117</i>	N	C	G
Bp Chr I	1296320	CDS	+	<i>BPSL1117</i>	N	G	A
Bp Chr I	1296379	CDS	+	<i>BPSL1117</i>	S	G	A
Bp Chr I	1296898	CDS	+	<i>BPSL1117</i>	S	C	T
Bp Chr I	1296997	CDS	+	<i>BPSL1117</i>	S	C	T
Bp Chr I	1297063	CDS	+	<i>BPSL1117</i>	S	C	T
Bp Chr I	1297351	CDS	+	<i>BPSL1117</i>	S	T	C
Bp Chr I	1297912	CDS	+	<i>BPSL1117</i>	S	C	T
Bp Chr I	1298080	CDS	+	<i>BPSL1117</i>	S	G	A
Bp Chr I	1298554	CDS	+	<i>BPSL1117</i>	S	C	T
Bp Chr I	1298572	CDS	+	<i>BPSL1117</i>	S	G	C
Bp Chr I	1298638	CDS	+	<i>BPSL1117</i>	S	C	T
Bp Chr I	1298869	CDS	+	<i>BPSL1117</i>	S	G	A
Bp Chr I	1298893	CDS	+	<i>BPSL1117</i>	S	G	A
Bp Chr I	1299097	CDS	+	<i>BPSL1117</i>	S	C	T
Bp Chr I	1300270	CDS	+	<i>BPSL1118</i>	S	C	T
Bp Chr I	1300399	CDS	+	<i>BPSL1118</i>	S	A	T
Bp Chr I	1300423	CDS	+	<i>BPSL1118</i>	S	T	C
Bp Chr I	1300498	CDS	+	<i>BPSL1118</i>	S	C	T
Bp Chr I	1300585	CDS	+	<i>BPSL1118</i>	S	C	T
Bp Chr I	1300706	CDS	+	<i>BPSL1118</i>	N	G	A
Bp Chr I	1300729	CDS	+	<i>BPSL1118</i>	S	T	C
Bp Chr I	1300768	CDS	+	<i>BPSL1118</i>	S	T	C
Bp Chr I	1300789	CDS	+	<i>BPSL1118</i>	S	G	A
Bp Chr I	1301118	Intergenic	.	-	-	C	T
Bp Chr I	1301274	CDS	+	<i>BPSL1119</i>	S	C	T
Bp Chr I	1301436	CDS	+	<i>BPSL1119</i>	S	T	C
Bp Chr I	1301484	CDS	+	<i>BPSL1119</i>	S	C	T
Bp Chr I	1301688	CDS	+	<i>BPSL1119</i>	S	C	T
Bp Chr I	1301721	CDS	+	<i>BPSL1119</i>	S	C	T
Bp Chr I	1301922	CDS	+	<i>BPSL1119</i>	S	G	C
Bp Chr I	1302030	CDS	+	<i>BPSL1119</i>	S	C	T
Bp Chr I	1319380	CDS	+	<i>BPSL1135</i>	S	T	C
Bp Chr I	1319797	CDS	+	<i>BPSL1135</i>	S	T	C

Bp Chr I	1340050	CDS	-	<i>BPSL1160</i>	S	T	C
Bp Chr I	1340110	CDS	-	<i>BPSL1160</i>	S	C	A
Bp Chr I	1340143	CDS	-	<i>BPSL1160</i>	S	T	C
Bp Chr I	1340286	Intergenic	.	-	-	C	T
Bp Chr I	1340372	CDS	-	<i>BPSL1161</i>	N	T	C
Bp Chr I	1340398	CDS	-	<i>BPSL1161</i>	N	T	A
Bp Chr I	1340760	CDS	-	<i>BPSL1161</i>	S	C	T
Bp Chr I	1340797	CDS	-	<i>BPSL1162</i>	S	A	G
Bp Chr I	1340926	CDS	-	<i>BPSL1162</i>	S	G	A
Bp Chr I	1340977	CDS	-	<i>BPSL1162</i>	S	C	T
Bp Chr I	1341031	CDS	-	<i>BPSL1162</i>	S	G	A
Bp Chr I	1353201	CDS	+	<i>BPSL1172</i>	S	G	A
Bp Chr I	1353384	CDS	+	<i>BPSL1172</i>	S	C	T
Bp Chr I	1353666	CDS	+	<i>BPSL1172</i>	S	G	C
Bp Chr I	1353857	CDS	+	<i>BPSL1172</i>	N	C	T
Bp Chr I	1353962	CDS	+	<i>BPSL1173</i>	N	T	C
Bp Chr I	1353990	CDS	+	<i>BPSL1173</i>	S	C	T
Bp Chr I	1354301	CDS	+	<i>BPSL1173</i>	N	A	G
Bp Chr I	1354326	CDS	+	<i>BPSL1173</i>	S	T	C
Bp Chr I	1354413	CDS	+	<i>BPSL1173</i>	S	G	A
Bp Chr I	1354471	Intergenic	.	-	-	G	C
Bp Chr I	1354485	Intergenic	.	-	-	G	C
Bp Chr I	1354516	Intergenic	.	-	-	C	T
Bp Chr I	1354543	Intergenic	.	-	-	T	C
Bp Chr I	1354616	Intergenic	.	-	-	T	C
Bp Chr I	1354653	Intergenic	.	-	-	T	G
Bp Chr I	1354659	Intergenic	.	-	-	G	C
Bp Chr I	1354694	Intergenic	.	-	-	C	T
Bp Chr I	1355042	CDS	+	<i>BPSL1174</i>	S	G	C
Bp Chr I	1355132	CDS	+	<i>BPSL1174</i>	S	T	C
Bp Chr I	1355310	CDS	+	<i>BPSL1174</i>	S	T	C
Bp Chr I	1355516	CDS	+	<i>BPSL1174</i>	S	A	G
Bp Chr I	1355636	CDS	+	<i>BPSL1174</i>	S	C	T
Bp Chr I	1356323	CDS	+	<i>BPSL1174</i>	S	T	C
Bp Chr I	1356796	CDS	+	<i>BPSL1174</i>	N	T	C
Bp Chr I	1356906	CDS	+	<i>BPSL1174</i>	N	G	A
Bp Chr I	1357058	CDS	+	<i>BPSL1174</i>	S	G	A
Bp Chr I	1357175	CDS	+	<i>BPSL1174</i>	S	G	T
Bp Chr I	1357254	CDS	+	<i>BPSL1174</i>	N	G	C
Bp Chr I	1357504	CDS	+	<i>BPSL1174</i>	N	C	T
Bp Chr I	1357547	CDS	+	<i>BPSL1174</i>	S	C	T
Bp Chr I	1357605	CDS	+	<i>BPSL1174</i>	N	G	A
Bp Chr I	1357632	CDS	+	<i>BPSL1174</i>	N	G	T
Bp Chr I	1357779	CDS	+	<i>BPSL1175</i>	S	C	A
Bp Chr I	1357980	CDS	+	<i>BPSL1175</i>	S	C	T
Bp Chr I	1373332	CDS	-	<i>BPSL1188</i>	S	G	A
Bp Chr I	1374056	CDS	-	<i>BPSL1189</i>	S	G	A
Bp Chr I	1374057	CDS	-	<i>BPSL1189</i>	S	C	T
Bp Chr I	1374091	CDS	-	<i>BPSL1189</i>	N	G	A
Bp Chr I	1374339	Intergenic	.	-	-	A	G

Bp Chr I	1374833	CDS	-	BPSL1190	S	A	G
Bp Chr I	1374978	CDS	-	BPSL1190	N	T	C
Bp Chr I	1375055	CDS	-	BPSL1190	S	C	T
Bp Chr I	1375361	CDS	-	BPSL1190	S	T	C
Bp Chr I	1375451	Intergenic	.	-	-	A	G
Bp Chr I	1375550	CDS	-	BPSL1191	S	C	T
Bp Chr I	1375727	CDS	-	BPSL1191	S	T	C
Bp Chr I	1376069	CDS	-	BPSL1191	S	C	T
Bp Chr I	1376282	CDS	-	BPSL1191	S	C	A
Bp Chr I	1376309	CDS	-	BPSL1191	S	C	T
Bp Chr I	1376503	CDS	-	BPSL1192	N	T	C
Bp Chr I	1376563	CDS	-	BPSL1192	N	G	A
Bp Chr I	1376616	CDS	-	BPSL1192	N	A	G
Bp Chr I	1376880	CDS	-	BPSL1192	N	A	G
Bp Chr I	1376919	CDS	-	BPSL1192	N	C	A
Bp Chr I	1376920	CDS	-	BPSL1192	N	C	T
Bp Chr I	1377152	CDS	-	BPSL1193	S	C	T
Bp Chr I	1377248	CDS	-	BPSL1193	S	C	T
Bp Chr I	1377329	CDS	-	BPSL1193	S	C	G
Bp Chr I	1377341	CDS	-	BPSL1193	S	C	T
Bp Chr I	1377607	CDS	-	BPSL1193	N	A	G
Bp Chr I	1377638	CDS	-	BPSL1193	S	C	T
Bp Chr I	1377987	CDS	-	BPSL1194	N	T	C
Bp Chr I	1378018	CDS	-	BPSL1194	N	T	A
Bp Chr I	1378109	CDS	-	BPSL1194	S	G	A
Bp Chr I	1378652	CDS	-	BPSL1195	N	A	G
Bp Chr I	1378811	Intergenic	.	-	-	A	G
Bp Chr I	1378930	Intergenic	.	-	-	A	C
Bp Chr I	1379369	CDS	+	BPSL1196	S	G	A
Bp Chr I	1379423	CDS	+	BPSL1196	S	G	A
Bp Chr I	1379435	CDS	+	BPSL1196	S	A	G
Bp Chr I	1379453	CDS	+	BPSL1196	S	G	A
Bp Chr I	1379570	CDS	+	BPSL1196	S	C	T
Bp Chr I	1379609	CDS	+	BPSL1196	S	G	A
Bp Chr I	1379663	CDS	+	BPSL1196	S	T	C
Bp Chr I	1380033	CDS	+	BPSL1196	S	T	C
Bp Chr I	1380383	CDS	+	BPSL1196	S	T	C
Bp Chr I	1380939	Intergenic	.	-	-	C	T
Bp Chr I	1381351	CDS	+	BPSL1197	N	C	G
Bp Chr I	1381457	CDS	+	BPSL1197	S	G	A
Bp Chr I	1381704	CDS	+	BPSL1198	S	T	C
Bp Chr I	1381923	CDS	+	BPSL1198	S	A	G
Bp Chr I	1382439	CDS	+	BPSL1198	S	G	A
Bp Chr I	1382627	CDS	+	BPSL1198	2	G	A
Bp Chr I	1382911	CDS	+	BPSL1199	S	C	T
Bp Chr I	1383001	CDS	+	BPSL1199	S	C	T
Bp Chr I	1383142	CDS	+	BPSL1199	S	C	T
Bp Chr I	1383232	CDS	+	BPSL1199	S	T	C
Bp Chr I	1383650	CDS	+	BPSL1200	S	C	T
Bp Chr I	1384073	CDS	+	BPSL1200	S	G	A

Bp Chr I	1384232	CDS	+	<i>BPSL1200</i>	S	C	T
Bp Chr I	1384381	Intergenic	.	-	-	T	G
Bp Chr I	1384392	Intergenic	.	-	-	C	T
Bp Chr I	1384418	Intergenic	.	-	-	A	G
Bp Chr I	1384497	Intergenic	.	-	-	C	T
Bp Chr I	1384737	CDS	+	<i>BPSL1201</i>	S	T	C
Bp Chr I	1385073	CDS	+	<i>BPSL1201</i>	S	T	C
Bp Chr I	1385184	CDS	+	<i>BPSL1201</i>	S	G	A
Bp Chr I	1385598	CDS	+	<i>BPSL1201</i>	S	A	G
Bp Chr I	1385604	CDS	+	<i>BPSL1201</i>	S	C	T
Bp Chr I	1385868	CDS	+	<i>BPSL1201</i>	S	T	G
Bp Chr I	1386114	CDS	+	<i>BPSL1201</i>	S	T	C
Bp Chr I	1386132	CDS	+	<i>BPSL1201</i>	S	G	A
Bp Chr I	1386304	Intergenic	.	-	-	C	A
Bp Chr I	1386471	CDS	-	<i>BPSL1202</i>	S	C	G
Bp Chr I	1387200	CDS	-	<i>BPSL1202</i>	S	A	G
Bp Chr I	1387261	CDS	-	<i>BPSL1202</i>	N	C	T
Bp Chr I	1387566	CDS	-	<i>BPSL1202</i>	S	T	C
Bp Chr I	1387649	CDS	-	<i>BPSL1202</i>	N	C	T
Bp Chr I	1387821	CDS	-	<i>BPSL1202</i>	S	A	G
Bp Chr I	1387844	CDS	-	<i>BPSL1202</i>	N	G	A
Bp Chr I	1387912	Intergenic	.	-	-	T	G
Bp Chr I	1387958	CDS	-	<i>BPSL1203</i>	N	G	A
Bp Chr I	1387965	CDS	-	<i>BPSL1203</i>	N	T	A
Bp Chr I	1388419	CDS	-	<i>BPSL1203</i>	N	G	A
Bp Chr I	1388735	Intergenic	.	-	-	C	T
Bp Chr I	1388748	Intergenic	.	-	-	T	C
Bp Chr I	1388758	Intergenic	.	-	-	T	G
Bp Chr I	1388792	Intergenic	.	-	-	G	A
Bp Chr I	1388794	Intergenic	.	-	-	G	A
Bp Chr I	1389023	CDS	-	<i>BPSL1204</i>	S	C	T
Bp Chr I	1389597	Intergenic	.	-	-	C	T
Bp Chr I	1389654	Intergenic	.	-	-	A	G
Bp Chr I	1389698	Intergenic	.	-	-	A	G
Bp Chr I	1389720	Intergenic	.	-	-	A	T
Bp Chr I	1389829	Intergenic	.	-	-	C	T
Bp Chr I	1389963	CDS	+	<i>BPSL1205</i>	N	T	G
Bp Chr I	1390216	CDS	+	<i>BPSL1205</i>	S	T	C
Bp Chr I	1390269	CDS	+	<i>BPSL1205</i>	N	G	A
Bp Chr I	1390333	CDS	+	<i>BPSL1205</i>	S	G	T
Bp Chr I	1390549	CDS	+	<i>BPSL1205</i>	S	C	T
Bp Chr I	1390685	CDS	+	<i>BPSL1205</i>	N	G	A
Bp Chr I	1390755	CDS	+	<i>BPSL1205</i>	N	A	G
Bp Chr I	1390847	CDS	+	<i>BPSL1205</i>	N	G	C
Bp Chr I	1390917	CDS	+	<i>BPSL1205</i>	N	C	T
Bp Chr I	1390957	CDS	+	<i>BPSL1205</i>	S	G	A
Bp Chr I	1390975	CDS	+	<i>BPSL1205</i>	S	C	T
Bp Chr I	1390999	CDS	+	<i>BPSL1205</i>	S	T	A
Bp Chr I	1391066	CDS	+	<i>BPSL1205</i>	N	G	A
Bp Chr I	1391077	CDS	+	<i>BPSL1205</i>	S	C	T

Bp Chr I	1391126	CDS	+	<i>BPSL1205</i>	N	A	G
Bp Chr I	1391187	Intergenic	.	-	-	G	C
Bp Chr I	1391347	CDS	+	<i>BPSL1206</i>	S	G	A
Bp Chr I	1391718	Intergenic	.	-	-	G	A
Bp Chr I	1391998	CDS	+	<i>BPSL1207</i>	N	G	C
Bp Chr I	1392164	CDS	+	<i>BPSL1207</i>	N	C	T
Bp Chr I	1392202	CDS	+	<i>BPSL1207</i>	S	C	T
Bp Chr I	1392217	CDS	+	<i>BPSL1207</i>	S	T	C
Bp Chr I	1392403	CDS	+	<i>BPSL1207</i>	S	G	A
Bp Chr I	1392409	CDS	+	<i>BPSL1207</i>	S	A	G
Bp Chr I	1392493	CDS	+	<i>BPSL1207</i>	S	A	G
Bp Chr I	1392614	CDS	+	<i>BPSL1207</i>	S	T	C
Bp Chr I	1392711	CDS	+	<i>BPSL1207</i>	N	T	G
Bp Chr I	1393078	CDS	+	<i>BPSL1207</i>	S	C	T
Bp Chr I	1393177	CDS	+	<i>BPSL1207</i>	S	C	T
Bp Chr I	1393210	CDS	+	<i>BPSL1207</i>	S	T	C
Bp Chr I	1393258	CDS	+	<i>BPSL1207</i>	S	C	T
Bp Chr I	1393954	CDS	+	<i>BPSL1207</i>	S	G	A
Bp Chr I	1394240	CDS	+	<i>BPSL1208</i>	S	C	T
Bp Chr I	1394261	CDS	+	<i>BPSL1208</i>	S	G	A
Bp Chr I	1394283	CDS	+	<i>BPSL1208</i>	S	T	C
Bp Chr I	1394382	CDS	+	<i>BPSL1208</i>	S	C	T
Bp Chr I	1394414	CDS	+	<i>BPSL1208</i>	S	C	T
Bp Chr I	1394573	CDS	+	<i>BPSL1208</i>	S	A	G
Bp Chr I	1394678	CDS	+	<i>BPSL1208</i>	S	G	A
Bp Chr I	1395280	CDS	+	<i>BPSL1209</i>	S	T	C
Bp Chr I	1395358	CDS	+	<i>BPSL1209</i>	S	C	A
Bp Chr I	1395439	CDS	+	<i>BPSL1209</i>	S	A	G
Bp Chr I	1395648	CDS	+	<i>BPSL1209</i>	N	C	T
Bp Chr I	1395652	CDS	+	<i>BPSL1209</i>	S	C	G
Bp Chr I	1395663	CDS	+	<i>BPSL1209</i>	N	A	G
Bp Chr I	1395684	CDS	+	<i>BPSL1209</i>	N	C	A
Bp Chr I	1395720	CDS	+	<i>BPSL1209</i>	N	C	T
Bp Chr I	1395899	CDS	+	<i>BPSL1209</i>	N	A	G
Bp Chr I	1396118	CDS	+	<i>BPSL1210</i>	S	C	G
Bp Chr I	1396184	CDS	+	<i>BPSL1210</i>	S	C	T
Bp Chr I	1396298	CDS	+	<i>BPSL1210</i>	S	G	A
Bp Chr I	1396524	Intergenic	.	-	-	A	G
Bp Chr I	1396830	CDS	+	<i>BPSL1211</i>	S	T	C
Bp Chr I	1397035	CDS	+	<i>BPSL1211</i>	N	G	A
Bp Chr I	1397407	CDS	+	<i>BPSL1212</i>	S	A	G
Bp Chr I	1397952	CDS	+	<i>BPSL1213</i>	S	C	T
Bp Chr I	1398153	CDS	+	<i>BPSL1213</i>	S	C	T
Bp Chr I	1398319	Intergenic	.	-	-	G	T
Bp Chr I	1398343	CDS	+	<i>BPSL1214</i>	S	T	C
Bp Chr I	1398430	CDS	+	<i>BPSL1214</i>	S	T	C
Bp Chr I	1398712	CDS	+	<i>BPSL1214</i>	S	T	C
Bp Chr I	1398734	CDS	+	<i>BPSL1214</i>	S	T	C
Bp Chr I	1399117	CDS	+	<i>BPSL1214</i>	S	C	T
Bp Chr I	1399462	CDS	+	<i>BPSL1214</i>	S	C	T

Bp Chr I	1399966	CDS	+	<i>BPSL1215</i>	S	C	T
Bp Chr I	1400164	CDS	+	<i>BPSL1215</i>	S	C	T
Bp Chr I	1400466	CDS	+	<i>BPSL1216</i>	S	C	T
Bp Chr I	1400658	CDS	+	<i>BPSL1216</i>	S	G	C
Bp Chr I	1400709	CDS	+	<i>BPSL1216</i>	S	C	T
Bp Chr I	1400891	CDS	+	<i>BPSL1216</i>	N	C	T
Bp Chr I	1401006	CDS	+	<i>BPSL1216</i>	S	C	T
Bp Chr I	1401132	CDS	+	<i>BPSL1216</i>	S	T	C
Bp Chr I	1401147	CDS	+	<i>BPSL1216</i>	S	T	C
Bp Chr I	1401365	CDS	+	<i>BPSL1216</i>	N	T	C
Bp Chr I	1401511	CDS	+	<i>BPSL1216</i>	N	G	C
Bp Chr I	1402129	CDS	+	<i>BPSL1217</i>	S	A	C
Bp Chr I	1402396	CDS	+	<i>BPSL1217</i>	S	G	C
Bp Chr I	1402702	CDS	+	<i>BPSL1217</i>	S	T	C
Bp Chr I	1402809	CDS	+	<i>BPSL1217</i>	N	A	C
Bp Chr I	1402951	CDS	+	<i>BPSL1217</i>	S	T	C
Bp Chr I	1403093	CDS	+	<i>BPSL1217</i>	N	A	G
Bp Chr I	1403274	CDS	+	<i>BPSL1217</i>	N	T	C
Bp Chr I	1403401	CDS	+	<i>BPSL1217</i>	S	C	A
Bp Chr I	1403455	CDS	+	<i>BPSL1217</i>	S	T	C
Bp Chr I	1403633	CDS	+	<i>BPSL1217</i>	N	A	G
Bp Chr I	1403635	CDS	+	<i>BPSL1217</i>	S	G	A
Bp Chr I	1403749	CDS	+	<i>BPSL1217</i>	S	G	A
Bp Chr I	1403755	CDS	+	<i>BPSL1217</i>	S	C	T
Bp Chr I	1403836	CDS	+	<i>BPSL1217</i>	S	A	G
Bp Chr I	1403950	CDS	+	<i>BPSL1217</i>	S	G	A
Bp Chr I	1404127	CDS	+	<i>BPSL1218</i>	S	A	T
Bp Chr I	1404541	CDS	+	<i>BPSL1218</i>	S	C	A
Bp Chr I	1404613	CDS	+	<i>BPSL1218</i>	S	C	T
Bp Chr I	1404634	CDS	+	<i>BPSL1218</i>	S	A	G
Bp Chr I	1404837	CDS	+	<i>BPSL1218</i>	N	T	G
Bp Chr I	1404853	CDS	+	<i>BPSL1218</i>	S	G	A
Bp Chr I	1413965	CDS	+	<i>BPSL1228</i>	N	C	T
Bp Chr I	1414303	CDS	+	<i>BPSL1228</i>	S	A	G
Bp Chr I	1414315	CDS	+	<i>BPSL1228</i>	S	C	G
Bp Chr I	1414439	Intergenic	.	-	-	G	A
Bp Chr I	1414667	CDS	+	<i>BPSL1229</i>	N	C	T
Bp Chr I	1414767	CDS	+	<i>BPSL1229</i>	S	C	T
Bp Chr I	1414909	CDS	+	<i>BPSL1229</i>	N	T	A
Bp Chr I	1414917	CDS	+	<i>BPSL1229</i>	S	T	C
Bp Chr I	1414973	CDS	+	<i>BPSL1229</i>	N	C	T
Bp Chr I	1414981	CDS	+	<i>BPSL1229</i>	N	C	T
Bp Chr I	1415093	CDS	+	<i>BPSL1229</i>	N	C	T
Bp Chr I	1415719	CDS	+	<i>BPSL1230</i>	S	C	T
Bp Chr I	1416381	CDS	+	<i>BPSL1231</i>	S	C	T
Bp Chr I	1416509	CDS	+	<i>BPSL1231</i>	N	A	G
Bp Chr I	1416575	Intergenic	.	-	-	T	C
Bp Chr I	1416667	CDS	+	<i>BPSL1233</i>	N	A	G
Bp Chr I	1416727	CDS	+	<i>BPSL1233</i>	N	C	G
Bp Chr I	1420159	CDS	-	<i>BPSL1235</i>	S	T	C

Bp Chr I	1420168	CDS	-	BPSL1235	S	G	A
Bp Chr I	1420226	CDS	-	BPSL1235	N	C	T
Bp Chr I	1420583	Intergenic	.	-	-	G	A
Bp Chr I	1420667	CDS	-	BPSL1236	N	G	A
Bp Chr I	1420942	CDS	-	BPSL1236	S	C	T
Bp Chr I	1420966	CDS	-	BPSL1236	S	G	A
Bp Chr I	1421037	CDS	-	BPSL1236	N	T	C
Bp Chr I	1421044	CDS	-	BPSL1236	S	G	A
Bp Chr I	1421047	CDS	-	BPSL1236	S	A	G
Bp Chr I	1421085	CDS	-	BPSL1236	N	G	A
Bp Chr I	1421104	CDS	-	BPSL1236	S	G	T
Bp Chr I	1421149	CDS	-	BPSL1236	S	C	T
Bp Chr I	1421158	CDS	-	BPSL1236	S	C	T
Bp Chr I	1421224	CDS	-	BPSL1236	S	C	A
Bp Chr I	1421350	CDS	-	BPSL1237	S	G	A
Bp Chr I	1421392	CDS	-	BPSL1237	S	T	G
Bp Chr I	1421535	CDS	-	BPSL1237	N	T	C
Bp Chr I	1421698	CDS	-	BPSL1237	S	C	T
Bp Chr I	1422435	CDS	+	BPSL1238	N	T	C
Bp Chr I	1423017	Intergenic	.	-	-	A	C
Bp Chr I	1423046	Intergenic	.	-	-	C	T
Bp Chr I	1423536	CDS	-	BPSL1239	S	G	A
Bp Chr I	1424043	CDS	-	BPSL1239	S	A	G
Bp Chr I	1424817	CDS	-	BPSL1240	S	C	T
Bp Chr I	1424841	CDS	-	BPSL1240	S	G	A
Bp Chr I	1425006	CDS	-	BPSL1240	S	A	G
Bp Chr I	1425257	CDS	+	BPSL1241	S	T	C
Bp Chr I	1425664	CDS	+	BPSL1241	N	C	T
Bp Chr I	1426179	CDS	+	BPSL1242	S	A	G
Bp Chr I	1426305	CDS	+	BPSL1242	S	T	C
Bp Chr I	1426642	CDS	+	BPSL1242	N	G	A
Bp Chr I	1427083	CDS	+	BPSL1242	N	G	A
Bp Chr I	1427184	Intergenic	.	-	-	C	G
Bp Chr I	1427274	Intergenic	.	-	-	G	A
Bp Chr I	1427308	Intergenic	.	-	-	A	G
Bp Chr I	1427378	CDS	-	BPSL1243	2	C	T
Bp Chr I	1427387	CDS	-	BPSL1243	N	C	T
Bp Chr I	1458439	CDS	-	BPSL1263	S	G	A
Bp Chr I	1459149	CDS	-	BPSL1263	S	A	G
Bp Chr I	1459150	CDS	-	BPSL1263	S	C	T
Bp Chr I	1459333	CDS	-	BPSL1263	S	C	T
Bp Chr I	1459426	CDS	-	BPSL1263	S	C	T
Bp Chr I	1459539	CDS	-	BPSL1263	N	C	T
Bp Chr I	1459658	CDS	-	BPSL1263	N	C	G
Bp Chr I	1459732	CDS	-	BPSL1263	S	A	G
Bp Chr I	1459771	CDS	-	BPSL1263	S	G	A
Bp Chr I	1460069	Intergenic	.	-	-	A	G
Bp Chr I	1460159	Intergenic	.	-	-	A	G
Bp Chr I	1460169	Intergenic	.	-	-	G	A
Bp Chr I	1460419	CDS	+	BPSL1264	S	T	C

Bp Chr I	1460763	Intergenic	.	-	-	C	T
Bp Chr I	1460781	Intergenic	.	-	-	C	T
Bp Chr I	1460820	Intergenic	.	-	-	C	A
Bp Chr I	1460824	Intergenic	.	-	-	C	T
Bp Chr I	1460851	Intergenic	.	-	-	A	G
Bp Chr I	1460868	Intergenic	.	-	-	T	G
Bp Chr I	1460870	Intergenic	.	-	-	G	T
Bp Chr I	1460892	Intergenic	.	-	-	C	T
Bp Chr I	1460894	Intergenic	.	-	-	G	A
Bp Chr I	1460969	Intergenic	.	-	-	T	C
Bp Chr I	1460974	Intergenic	.	-	-	T	C
Bp Chr I	1461080	Intergenic	.	-	-	A	G
Bp Chr I	1461130	Intergenic	.	-	-	C	T
Bp Chr I	1461164	Intergenic	.	-	-	C	T
Bp Chr I	1461168	Intergenic	.	-	-	G	A
Bp Chr I	1461246	CDS	-	<i>BPSL1265</i>	S	C	T
Bp Chr I	1461582	CDS	-	<i>BPSL1265</i>	S	C	T
Bp Chr I	1461933	Intergenic	.	-	-	G	A
Bp Chr I	1462024	Intergenic	.	-	-	C	T
Bp Chr I	1462033	Intergenic	.	-	-	T	C
Bp Chr I	1462285	Intergenic	.	-	-	C	A
Bp Chr I	1462314	Intergenic	.	-	-	T	C
Bp Chr I	1462349	Intergenic	.	-	-	T	C
Bp Chr I	1462352	Intergenic	.	-	-	G	A
Bp Chr I	1462447	Intergenic	.	-	-	T	C
Bp Chr I	1462479	Intergenic	.	-	-	T	C
Bp Chr I	1471782	Intergenic	.	-	-	C	T
Bp Chr I	1471783	Intergenic	.	-	-	C	A
Bp Chr I	1471953	Intergenic	.	-	-	C	A
Bp Chr I	1471956	Intergenic	.	-	-	T	G
Bp Chr I	1472000	Intergenic	.	-	-	A	G
Bp Chr I	1472255	CDS	-	<i>BPSL1270</i>	S	G	A
Bp Chr I	1472327	CDS	-	<i>BPSL1270</i>	S	A	G
Bp Chr I	1472475	CDS	-	<i>BPSL1270</i>	N	T	C
Bp Chr I	1472636	CDS	-	<i>BPSL1270</i>	S	C	G
Bp Chr I	1472909	CDS	-	<i>BPSL1270</i>	S	A	G
Bp Chr I	1473150	CDS	-	<i>BPSL1270</i>	N	T	C
Bp Chr I	1473312	CDS	-	<i>BPSL1270</i>	N	C	T
Bp Chr I	1473698	CDS	-	<i>BPSL1270</i>	S	C	T
Bp Chr I	1473927	CDS	-	<i>BPSL1270</i>	N	G	A
Bp Chr I	1473976	CDS	-	<i>BPSL1270</i>	S	G	A
Bp Chr I	1473987	CDS	-	<i>BPSL1270</i>	N	A	G
Bp Chr I	1474188	Intergenic	.	-	-	C	G
Bp Chr I	1474189	Intergenic	.	-	-	A	G
Bp Chr I	1474196	Intergenic	.	-	-	A	G
Bp Chr I	1474199	Intergenic	.	-	-	A	G
Bp Chr I	1474217	Intergenic	.	-	-	G	A
Bp Chr I	1474280	Intergenic	.	-	-	C	G
Bp Chr I	1474326	CDS	+	<i>BPSL1271</i>	N	T	C
Bp Chr I	1474424	CDS	+	<i>BPSL1271</i>	S	T	C

Bp Chr I	1474547	CDS	+	<i>BPSL1271</i>	S	C	T
Bp Chr I	1474812	CDS	+	<i>BPSL1271</i>	N	G	T
Bp Chr I	1489827	CDS	+	<i>BPSL1282</i>	N	A	G
Bp Chr I	1489961	CDS	+	<i>BPSL1282</i>	S	G	T
Bp Chr I	1490473	CDS	+	<i>BPSL1283</i>	S	C	T
Bp Chr I	1490506	CDS	+	<i>BPSL1283</i>	S	T	C
Bp Chr I	1490622	CDS	+	<i>BPSL1283</i>	N	A	G
Bp Chr I	1490627	CDS	+	<i>BPSL1283</i>	N	G	A
Bp Chr I	1490673	CDS	+	<i>BPSL1283</i>	N	A	G
Bp Chr I	1490999	CDS	+	<i>BPSL1283</i>	S	T	C
Bp Chr I	1491480	CDS	+	<i>BPSL1283</i>	N	G	A
Bp Chr I	1491721	CDS	+	<i>BPSL1283</i>	S	G	A
Bp Chr I	1491753	CDS	+	<i>BPSL1283</i>	N	G	A
Bp Chr I	1491840	CDS	+	<i>BPSL1283</i>	N	T	G
Bp Chr I	1491912	CDS	+	<i>BPSL1283</i>	N	C	T
Bp Chr I	1492008	CDS	+	<i>BPSL1283</i>	N	G	A
Bp Chr I	1492114	CDS	+	<i>BPSL1283</i>	S	T	A
Bp Chr I	1492321	CDS	+	<i>BPSL1283</i>	S	C	G
Bp Chr I	1492322	CDS	+	<i>BPSL1283</i>	N	C	G
Bp Chr I	1492438	CDS	+	<i>BPSL1283</i>	S	G	C
Bp Chr I	1492579	CDS	+	<i>BPSL1283</i>	S	T	C
Bp Chr I	1492635	CDS	+	<i>BPSL1283</i>	N	T	G
Bp Chr I	1493029	CDS	+	<i>BPSL1283</i>	S	C	T
Bp Chr I	1493106	CDS	+	<i>BPSL1283</i>	N	C	T
Bp Chr I	1493193	CDS	+	<i>BPSL1283</i>	N	C	T
Bp Chr I	1493255	CDS	+	<i>BPSL1283</i>	N	T	A
Bp Chr I	1493404	CDS	+	<i>BPSL1283</i>	S	C	G
Bp Chr I	1493430	CDS	+	<i>BPSL1283</i>	N	A	G
Bp Chr I	1493818	CDS	+	<i>BPSL1283</i>	S	T	C
Bp Chr I	1494000	CDS	+	<i>BPSL1283</i>	N	A	G
Bp Chr I	1494078	CDS	+	<i>BPSL1283</i>	N	G	A
Bp Chr I	1494198	CDS	+	<i>BPSL1284</i>	S	C	G
Bp Chr I	1494324	CDS	+	<i>BPSL1284</i>	S	A	G
Bp Chr I	1494375	CDS	+	<i>BPSL1284</i>	S	C	A
Bp Chr I	1494462	CDS	+	<i>BPSL1284</i>	S	C	T
Bp Chr I	1514873	CDS	-	<i>BPSL1300</i>	N	C	A
Bp Chr I	1514964	Intergenic	.	-	-	C	A
Bp Chr I	1514977	Intergenic	.	-	-	A	G
Bp Chr I	1514995	Intergenic	.	-	-	A	G
Bp Chr I	1515008	Intergenic	.	-	-	C	T
Bp Chr I	1515022	Intergenic	.	-	-	G	C
Bp Chr I	1515084	Intergenic	.	-	-	C	T
Bp Chr I	1515085	Intergenic	.	-	-	T	A,C
Bp Chr I	1515118	CDS	-	<i>BPSL1301</i>	S	G	A
Bp Chr I	1515119	CDS	-	<i>BPSL1301</i>	N	C	T
Bp Chr I	1515334	CDS	-	<i>BPSL1301</i>	S	C	T
Bp Chr I	1515345	CDS	-	<i>BPSL1301</i>	N	C	T
Bp Chr I	1515388	CDS	-	<i>BPSL1301</i>	S	T	C
Bp Chr I	1515460	CDS	-	<i>BPSL1301</i>	S	C	T
Bp Chr I	1515676	CDS	-	<i>BPSL1301</i>	S	C	T

Bp Chr I	1515956	CDS	-	<i>BPSL1301</i>	N	G	A
Bp Chr I	1515990	CDS	-	<i>BPSL1301</i>	N	G	A
Bp Chr I	1516084	Intergenic	.	-	-	C	T
Bp Chr I	1516135	Intergenic	.	-	-	C	T
Bp Chr I	1516142	Intergenic	.	-	-	T	G
Bp Chr I	1516150	Intergenic	.	-	-	G	A
Bp Chr I	1516242	Intergenic	.	-	-	T	C
Bp Chr I	1516260	Intergenic	.	-	-	G	C
Bp Chr I	1516308	Intergenic	.	-	-	C	T
Bp Chr I	1516319	Intergenic	.	-	-	A	G
Bp Chr I	1516357	Intergenic	.	-	-	G	A
Bp Chr I	1516358	Intergenic	.	-	-	C	T
Bp Chr I	1516425	Intergenic	.	-	-	T	C
Bp Chr I	1516480	Intergenic	.	-	-	A	G
Bp Chr I	1516547	Intergenic	.	-	-	G	C
Bp Chr I	1516694	Intergenic	.	-	-	A	G
Bp Chr I	1516703	Intergenic	.	-	-	G	A
Bp Chr I	1517098	Intergenic	.	-	-	G	C
Bp Chr I	1517105	Intergenic	.	-	-	C	G
Bp Chr I	1517142	Intergenic	.	-	-	A	G
Bp Chr I	1517152	Intergenic	.	-	-	C	T
Bp Chr I	1517160	Intergenic	.	-	-	C	T
Bp Chr I	1517290	CDS	-	<i>BPSL1302</i>	S	A	G
Bp Chr I	1517347	CDS	-	<i>BPSL1302</i>	S	C	T
Bp Chr I	1517377	CDS	-	<i>BPSL1302</i>	S	C	T
Bp Chr I	1517392	CDS	-	<i>BPSL1302</i>	S	G	A
Bp Chr I	1517601	CDS	-	<i>BPSL1302</i>	N	A	C
Bp Chr I	1517602	CDS	-	<i>BPSL1302</i>	S	A	G
Bp Chr I	1517917	CDS	-	<i>BPSL1302</i>	S	G	C
Bp Chr I	1518040	Intergenic	.	-	-	T	A
Bp Chr I	1518046	Intergenic	.	-	-	G	A
Bp Chr I	1524009	Intergenic	.	-	-	T	C
Bp Chr I	1524018	Intergenic	.	-	-	G	A
Bp Chr I	1524091	Intergenic	.	-	-	G	C
Bp Chr I	1524099	Intergenic	.	-	-	C	T
Bp Chr I	1524101	Intergenic	.	-	-	C	T
Bp Chr I	1524104	Intergenic	.	-	-	C	G
Bp Chr I	1524218	CDS	-	<i>BPSL1306</i>	S	A	G
Bp Chr I	1524344	CDS	-	<i>BPSL1306</i>	N	C	T
Bp Chr I	1524587	CDS	-	<i>BPSL1306</i>	S	C	G
Bp Chr I	1524715	CDS	-	<i>BPSL1306</i>	N	T	G
Bp Chr I	1524796	CDS	-	<i>BPSL1306</i>	N	C	T
Bp Chr I	1524838	CDS	-	<i>BPSL1306</i>	N	A	G
Bp Chr I	1525412	CDS	-	<i>BPSL1306</i>	S	A	G
Bp Chr I	1525428	CDS	-	<i>BPSL1306</i>	N	G	A
Bp Chr I	1525460	CDS	-	<i>BPSL1306</i>	S	T	C
Bp Chr I	1525749	Intergenic	.	-	-	A	G
Bp Chr I	1525887	Intergenic	.	-	-	A	G
Bp Chr I	1577776	CDS	+	<i>BPSL1351</i>	S	G	A
Bp Chr I	1578502	CDS	+	<i>BPSL1351</i>	S	C	T

Bp Chr I	1578580	CDS	+	<i>BPSL1351</i>	S	G	T
Bp Chr I	1578754	CDS	+	<i>BPSL1351</i>	S	C	T
Bp Chr I	1578755	CDS	+	<i>BPSL1351</i>	N	G	A
Bp Chr I	1579078	CDS	+	<i>BPSL1351</i>	S	C	G
Bp Chr I	1579111	CDS	+	<i>BPSL1351</i>	S	G	A
Bp Chr I	1579351	CDS	+	<i>BPSL1351</i>	S	T	C
Bp Chr I	1579564	CDS	+	<i>BPSL1351</i>	S	G	A
Bp Chr I	1579915	CDS	+	<i>BPSL1351</i>	S	C	T
Bp Chr I	1580017	CDS	+	<i>BPSL1351</i>	S	G	C
Bp Chr I	1580386	CDS	+	<i>BPSL1351</i>	S	G	A
Bp Chr I	1580448	CDS	+	<i>BPSL1351</i>	2	A	G
Bp Chr I	1580652	CDS	+	<i>BPSL1352</i>	N	G	A
Bp Chr I	1580749	CDS	+	<i>BPSL1352</i>	N	G	A
Bp Chr I	1580924	CDS	+	<i>BPSL1352</i>	S	G	C
Bp Chr I	1580942	CDS	+	<i>BPSL1352</i>	S	G	A
Bp Chr I	1581041	CDS	+	<i>BPSL1352</i>	S	T	C
Bp Chr I	1581414	CDS	+	<i>BPSL1353</i>	N	C	T
Bp Chr I	1581566	Intergenic	.	-	-	T	C
Bp Chr I	1581576	Intergenic	.	-	-	C	G
Bp Chr I	1581584	Intergenic	.	-	-	G	A
Bp Chr I	1581604	Intergenic	.	-	-	G	A
Bp Chr I	1581608	Intergenic	.	-	-	C	T
Bp Chr I	1581720	CDS	-	<i>BPSL1354</i>	S	T	C
Bp Chr I	1581891	CDS	-	<i>BPSL1354</i>	S	T	C
Bp Chr I	1582044	CDS	-	<i>BPSL1354</i>	S	G	A
Bp Chr I	1582200	Intergenic	.	-	-	C	T
Bp Chr I	1582205	Intergenic	.	-	-	C	G
Bp Chr I	1582242	Intergenic	.	-	-	G	C
Bp Chr I	1582243	Intergenic	.	-	-	C	T
Bp Chr I	1582515	CDS	+	<i>BPSL1355</i>	S	A	G
Bp Chr I	1582632	CDS	+	<i>BPSL1355</i>	S	C	T
Bp Chr I	1583402	CDS	+	<i>BPSL1356</i>	S	C	T
Bp Chr I	1583606	CDS	+	<i>BPSL1356</i>	S	A	C
Bp Chr I	1583651	CDS	+	<i>BPSL1356</i>	S	T	C
Bp Chr I	1583855	CDS	+	<i>BPSL1356</i>	S	C	T
Bp Chr I	1583870	CDS	+	<i>BPSL1356</i>	S	G	A
Bp Chr I	1583894	CDS	+	<i>BPSL1356</i>	S	C	G
Bp Chr I	1583897	CDS	+	<i>BPSL1356</i>	S	T	C
Bp Chr I	1584131	CDS	+	<i>BPSL1356</i>	S	G	T
Bp Chr I	1584143	CDS	+	<i>BPSL1356</i>	S	C	T
Bp Chr I	1584162	CDS	+	<i>BPSL1356</i>	S	C	T
Bp Chr I	1584299	CDS	+	<i>BPSL1356</i>	S	T	C
Bp Chr I	1584584	CDS	+	<i>BPSL1356</i>	S	C	T
Bp Chr I	1584639	CDS	+	<i>BPSL1356</i>	S	C	T
Bp Chr I	1584857	CDS	+	<i>BPSL1356</i>	N	A	C
Bp Chr I	1585556	CDS	+	<i>BPSL1357</i>	N	C	T
Bp Chr I	1585620	CDS	+	<i>BPSL1357</i>	S	T	C
Bp Chr I	1585746	CDS	+	<i>BPSL1357</i>	S	G	C
Bp Chr I	1585756	CDS	+	<i>BPSL1357</i>	N	A	G
Bp Chr I	1585767	CDS	+	<i>BPSL1357</i>	S	A	G

Bp Chr I	1585944	CDS	+	<i>BPSL1357</i>	S	G	C
Bp Chr I	1586242	CDS	+	<i>BPSL1358</i>	S	G	T
Bp Chr I	1586704	CDS	+	<i>BPSL1358</i>	S	C	T
Bp Chr I	1586881	CDS	+	<i>BPSL1358</i>	S	C	T
Bp Chr I	1586953	CDS	+	<i>BPSL1358</i>	S	C	T
Bp Chr I	1586962	CDS	+	<i>BPSL1358</i>	S	G	A
Bp Chr I	1587081	CDS	+	<i>BPSL1358</i>	N	A	G
Bp Chr I	1587292	CDS	+	<i>BPSL1358</i>	N	C	A
Bp Chr I	1587516	Intergenic	.	-	-	C	T
Bp Chr I	1587537	Intergenic	.	-	-	C	T
Bp Chr I	1587546	Intergenic	.	-	-	A	G
Bp Chr I	1587571	Intergenic	.	-	-	C	T
Bp Chr I	1587651	Intergenic	.	-	-	C	T
Bp Chr I	1587764	Intergenic	.	-	-	G	A,C
Bp Chr I	1588090	CDS	+	<i>BPSL1359</i>	S	C	G
Bp Chr I	1604923	CDS	+	<i>BPSL1375</i>	S	T	A
Bp Chr I	1605217	CDS	+	<i>BPSL1375</i>	S	G	T
Bp Chr I	1605634	CDS	+	<i>BPSL1375</i>	S	T	C
Bp Chr I	1607418	CDS	-	<i>BPSL1378</i>	S	T	G
Bp Chr I	1607495	CDS	-	<i>BPSL1378</i>	N	C	T
Bp Chr I	1607604	CDS	-	<i>BPSL1378</i>	S	A	G
Bp Chr I	1607642	CDS	-	<i>BPSL1378</i>	N	C	T
Bp Chr I	1608054	CDS	-	<i>BPSL1378</i>	S	T	C
Bp Chr I	1608120	CDS	-	<i>BPSL1378</i>	S	A	G
Bp Chr I	1608202	CDS	-	<i>BPSL1378</i>	N	T	G
Bp Chr I	1608352	CDS	-	<i>BPSL1379</i>	S	C	T
Bp Chr I	1608379	CDS	-	<i>BPSL1379</i>	S	C	T
Bp Chr I	1608418	CDS	-	<i>BPSL1379</i>	S	A	G
Bp Chr I	1608567	CDS	-	<i>BPSL1379</i>	N	A	G
Bp Chr I	1608726	Intergenic	.	-	-	G	A
Bp Chr I	1608769	Intergenic	.	-	-	T	C
Bp Chr I	1608857	Intergenic	.	-	-	G	A
Bp Chr I	1608943	CDS	-	<i>BPSL1380</i>	S	A	G
Bp Chr I	1608991	CDS	-	<i>BPSL1380</i>	S	C	T
Bp Chr I	1609509	CDS	-	<i>BPSL1380</i>	N	G	A
Bp Chr I	1609684	CDS	-	<i>BPSL1380</i>	S	G	C
Bp Chr I	1609698	CDS	-	<i>BPSL1380</i>	N	C	T
Bp Chr I	1609878	CDS	-	<i>BPSL1380</i>	N	C	T
Bp Chr I	1609944	CDS	-	<i>BPSL1380</i>	N	C	T
Bp Chr I	1609948	CDS	-	<i>BPSL1380</i>	S	A	C
Bp Chr I	1610181	CDS	-	<i>BPSL1380</i>	N	C	A
Bp Chr I	1610565	Intergenic	.	-	-	C	T
Bp Chr I	1610584	Intergenic	.	-	-	T	G
Bp Chr I	1610794	Intergenic	.	-	-	C	G
Bp Chr I	1610797	Intergenic	.	-	-	C	T
Bp Chr I	1611083	CDS	-	<i>BPSL1381</i>	S	G	A
Bp Chr I	1611122	CDS	-	<i>BPSL1381</i>	S	G	A
Bp Chr I	1611182	CDS	-	<i>BPSL1381</i>	S	A	G
Bp Chr I	1611280	CDS	-	<i>BPSL1381</i>	N	C	T
Bp Chr I	1611413	CDS	-	<i>BPSL1381</i>	S	A	G

Bp Chr I	1611605	Intergenic	.	-	-	G	A
Bp Chr I	1611699	Intergenic	.	-	-	C	T
Bp Chr I	1611766	Intergenic	.	-	-	C	T
Bp Chr I	1611776	Intergenic	.	-	-	T	C
Bp Chr I	1611792	Intergenic	.	-	-	A	C
Bp Chr I	1612003	CDS	-	<i>BPSL1382</i>	S	T	C
Bp Chr I	1612210	CDS	-	<i>BPSL1382</i>	S	T	C
Bp Chr I	1612237	CDS	-	<i>BPSL1382</i>	S	C	T
Bp Chr I	1612245	CDS	-	<i>BPSL1382</i>	N	T	C
Bp Chr I	1612255	CDS	-	<i>BPSL1382</i>	S	T	C
Bp Chr I	1612300	CDS	-	<i>BPSL1382</i>	S	G	A
Bp Chr I	1612459	CDS	-	<i>BPSL1382</i>	S	G	A
Bp Chr I	1612498	CDS	-	<i>BPSL1382</i>	S	T	C
Bp Chr I	1623707	CDS	-	<i>BPSL1396</i>	S	C	T
Bp Chr I	1623761	CDS	-	<i>BPSL1396</i>	S	G	A
Bp Chr I	1623843	CDS	-	<i>BPSL1396</i>	N	C	T
Bp Chr I	1623874	CDS	-	<i>BPSL1396</i>	S	G	A
Bp Chr I	1623875	CDS	-	<i>BPSL1396</i>	S	C	T
Bp Chr I	1623999	CDS	-	<i>BPSL1396</i>	N	G	A
Bp Chr I	1624120	CDS	-	<i>BPSL1397</i>	S	A	G
Bp Chr I	1624175	CDS	-	<i>BPSL1397</i>	N	A	C
Bp Chr I	1624189	CDS	-	<i>BPSL1397</i>	S	G	A
Bp Chr I	1624295	CDS	-	<i>BPSL1397</i>	N	C	T
Bp Chr I	1624312	CDS	-	<i>BPSL1397</i>	S	C	T
Bp Chr I	1628336	CDS	-	<i>BPSL1400</i>	S	C	T
Bp Chr I	1628685	CDS	-	<i>BPSL1401</i>	N	G	A
Bp Chr I	1628947	CDS	-	<i>BPSL1401</i>	N	T	C
Bp Chr I	1628990	CDS	-	<i>BPSL1401</i>	S	T	C
Bp Chr I	1629077	CDS	-	<i>BPSL1401</i>	S	A	G
Bp Chr I	1629112	CDS	-	<i>BPSL1401</i>	N	C	T
Bp Chr I	1629197	CDS	-	<i>BPSL1401</i>	S	G	A
Bp Chr I	1629215	CDS	-	<i>BPSL1401</i>	S	G	C
Bp Chr I	1629282	CDS	-	<i>BPSL1401</i>	N	C	G
Bp Chr I	1629377	CDS	-	<i>BPSL1401</i>	S	G	A
Bp Chr I	1629390	CDS	-	<i>BPSL1401</i>	N	A	T
Bp Chr I	1629665	CDS	-	<i>BPSL1401</i>	S	C	A
Bp Chr I	1629692	CDS	-	<i>BPSL1401</i>	S	T	C
Bp Chr I	1629820	Intergenic	.	-	-	C	A
Bp Chr I	1629847	Intergenic	.	-	-	G	A
Bp Chr I	1629870	Intergenic	.	-	-	C	T
Bp Chr I	1629980	Intergenic	.	-	-	G	T
Bp Chr I	1629996	Intergenic	.	-	-	G	A
Bp Chr I	1655662	CDS	-	<i>BPSL1419</i>	N	C	T
Bp Chr I	1656221	Intergenic	.	-	-	A	G
Bp Chr I	1656243	Intergenic	.	-	-	G	A
Bp Chr I	1656538	CDS	-	<i>BPSL1421</i>	N	A	T
Bp Chr I	1656777	Intergenic	.	-	-	A	G
Bp Chr I	1656864	CDS	-	<i>BPSL1422</i>	N	G	A
Bp Chr I	1656962	CDS	-	<i>BPSL1422</i>	S	G	A
Bp Chr I	1656988	CDS	-	<i>BPSL1422</i>	N	C	T

Bp Chr I	1657238	CDS	-	<i>BPSL1422</i>	S	G	T
Bp Chr I	1657379	CDS	-	<i>BPSL1422</i>	S	C	T
Bp Chr I	1657442	CDS	-	<i>BPSL1422</i>	S	G	C
Bp Chr I	1657769	CDS	-	<i>BPSL1422</i>	S	T	C
Bp Chr I	1658114	CDS	-	<i>BPSL1422</i>	S	C	T
Bp Chr I	1658201	CDS	-	<i>BPSL1422</i>	S	G	A
Bp Chr I	1658900	CDS	+	<i>BPSL1423</i>	S	C	T
Bp Chr I	1672230	CDS	+	<i>BPSL1435</i>	S	G	A
Bp Chr I	1672305	CDS	+	<i>BPSL1435</i>	S	C	T
Bp Chr I	1672341	CDS	+	<i>BPSL1435</i>	S	C	T
Bp Chr I	1672353	CDS	+	<i>BPSL1435</i>	S	T	C
Bp Chr I	1672752	CDS	+	<i>BPSL1435</i>	S	T	C
Bp Chr I	1672920	CDS	+	<i>BPSL1436</i>	S	C	T
Bp Chr I	1672926	CDS	+	<i>BPSL1436</i>	S	C	T
Bp Chr I	1673106	CDS	+	<i>BPSL1436</i>	S	C	T
Bp Chr I	1673208	CDS	+	<i>BPSL1436</i>	S	T	C
Bp Chr I	1673264	CDS	+	<i>BPSL1436</i>	N	T	C
Bp Chr I	1673402	CDS	+	<i>BPSL1436</i>	N	G	A
Bp Chr I	1673405	CDS	+	<i>BPSL1436</i>	N	A	G
Bp Chr I	1673585	CDS	+	<i>BPSL1437</i>	N	T	C
Bp Chr I	1673941	CDS	+	<i>BPSL1437</i>	S	C	T
Bp Chr I	1674118	CDS	+	<i>BPSL1437</i>	S	C	G
Bp Chr I	1674336	CDS	+	<i>BPSL1437</i>	N	C	A
Bp Chr I	1674950	CDS	+	<i>BPSL1438</i>	N	G	A
Bp Chr I	1674962	CDS	+	<i>BPSL1438</i>	S	T	C
Bp Chr I	1674970	CDS	+	<i>BPSL1438</i>	S	C	T
Bp Chr I	1674989	CDS	+	<i>BPSL1438</i>	N	A	G
Bp Chr I	1675111	Intergenic	.	-	-	C	T
Bp Chr I	1675180	CDS	+	<i>BPSL1439</i>	S	G	A
Bp Chr I	1675225	CDS	+	<i>BPSL1439</i>	S	C	T
Bp Chr I	1675790	CDS	+	<i>BPSL1439</i>	N	T	C
Bp Chr I	1675983	CDS	+	<i>BPSL1440</i>	N	C	T
Bp Chr I	1675985	CDS	+	<i>BPSL1440</i>	S	C	T
Bp Chr I	1676315	CDS	+	<i>BPSL1440</i>	S	C	T
Bp Chr I	1676352	CDS	+	<i>BPSL1440</i>	S	C	T
Bp Chr I	1676510	CDS	+	<i>BPSL1440</i>	S	A	C
Bp Chr I	1684795	Intergenic	.	-	-	G	T
Bp Chr I	1685627	Intergenic	.	-	-	G	A
Bp Chr I	1685672	Intergenic	.	-	-	C	T
Bp Chr I	1685825	Intergenic	.	-	-	G	A
Bp Chr I	1685849	Intergenic	.	-	-	G	A
Bp Chr I	1685917	Intergenic	.	-	-	G	A
Bp Chr I	1685990	Intergenic	.	-	-	T	C
Bp Chr I	1686011	Intergenic	.	-	-	C	G
Bp Chr I	1686041	Intergenic	.	-	-	C	T
Bp Chr I	1686086	Intergenic	.	-	-	T	C
Bp Chr I	1686095	Intergenic	.	-	-	A	G
Bp Chr I	1686249	CDS	-	<i>BPSL1450</i>	S	C	G
Bp Chr I	1686630	CDS	-	<i>BPSL1450</i>	S	C	T
Bp Chr I	1686897	CDS	-	<i>BPSL1450</i>	N	G	C

Bp Chr I	1687131	Intergenic	.	-	-	C	T
Bp Chr I	1687153	Intergenic	.	-	-	C	T
Bp Chr I	1687546	CDS	-	<i>BPSL1451</i>	S	C	T
Bp Chr I	1687605	CDS	-	<i>BPSL1451</i>	N	T	C
Bp Chr I	1687650	CDS	-	<i>BPSL1451</i>	S	G	A
Bp Chr I	1687960	Intergenic	.	-	-	G	A
Bp Chr I	1688038	Intergenic	.	-	-	C	T
Bp Chr I	1688044	Intergenic	.	-	-	G	A
Bp Chr I	1688057	Intergenic	.	-	-	G	A
Bp Chr I	1688163	CDS	-	<i>BPSL1452</i>	S	T	G
Bp Chr I	1688810	CDS	-	<i>BPSL1452</i>	N	C	T
Bp Chr I	1688946	CDS	-	<i>BPSL1452</i>	S	G	A
Bp Chr I	1688989	CDS	-	<i>BPSL1452</i>	N	G	A
Bp Chr I	1689167	CDS	-	<i>BPSL1452</i>	N	C	T
Bp Chr I	1689933	Intergenic	.	-	-	C	T
Bp Chr I	1690052	CDS	+	<i>BPSL1453</i>	S	C	T
Bp Chr I	1690255	CDS	+	<i>BPSL1453</i>	N	T	C
Bp Chr I	1690260	CDS	+	<i>BPSL1453</i>	N	G	T
Bp Chr I	1690700	CDS	+	<i>BPSL1453</i>	S	G	A
Bp Chr I	1690751	CDS	+	<i>BPSL1453</i>	S	A	G
Bp Chr I	1690933	Intergenic	.	-	-	T	C
Bp Chr I	1690999	Intergenic	.	-	-	G	A
Bp Chr I	1691005	Intergenic	.	-	-	C	T
Bp Chr I	1694050	CDS	+	<i>BPSL1457</i>	N	T	C
Bp Chr I	1694353	CDS	+	<i>BPSL1457</i>	N	C	T
Bp Chr I	1694450	CDS	+	<i>BPSL1457</i>	S	G	A
Bp Chr I	1694498	CDS	+	<i>BPSL1457</i>	S	G	A
Bp Chr I	1694533	Intergenic	.	-	-	C	T
Bp Chr I	1694567	Intergenic	.	-	-	G	C
Bp Chr I	1694594	Intergenic	.	-	-	C	T
Bp Chr I	1694626	Intergenic	.	-	-	G	A
Bp Chr I	1694644	Intergenic	.	-	-	G	A
Bp Chr I	1694681	Intergenic	.	-	-	C	T
Bp Chr I	1694696	Intergenic	.	-	-	C	T
Bp Chr I	1694922	CDS	+	<i>BPSL1458</i>	S	C	T
Bp Chr I	1695132	Intergenic	.	-	-	A	G
Bp Chr I	1695692	CDS	+	<i>BPSL1460</i>	S	T	C
Bp Chr I	1695725	CDS	+	<i>BPSL1460</i>	S	G	A
Bp Chr I	1695746	Intergenic	.	-	-	A	T
Bp Chr I	1695806	CDS	+	<i>BPSL1461</i>	S	T	C
Bp Chr I	1696975	CDS	+	<i>BPSL1462</i>	S	C	T
Bp Chr I	1697668	CDS	+	<i>BPSL1462</i>	S	G	A
Bp Chr I	1697680	CDS	+	<i>BPSL1462</i>	S	G	A
Bp Chr I	1698157	CDS	+	<i>BPSL1463</i>	S	T	C
Bp Chr I	1699076	CDS	+	<i>BPSL1464</i>	S	C	T
Bp Chr I	1699172	CDS	+	<i>BPSL1464</i>	S	G	A
Bp Chr I	1699583	Intergenic	.	-	-	G	A
Bp Chr I	1699676	Intergenic	.	-	-	C	T
Bp Chr I	1699713	Intergenic	.	-	-	G	T
Bp Chr I	1699887	CDS	-	<i>BPSL1465</i>	S	G	A

Bp Chr I	1699890	CDS	-	BPSL1465	S	A	G
Bp Chr I	1700051	CDS	-	BPSL1465	N	G	T
Bp Chr I	1700155	CDS	-	BPSL1465	N	T	G
Bp Chr I	1700160	CDS	-	BPSL1465	S	C	T
Bp Chr I	1700406	CDS	-	BPSL1465	S	G	A
Bp Chr I	1700407	CDS	-	BPSL1465	N	G	A
Bp Chr I	1700556	CDS	-	BPSL1465	S	G	A
Bp Chr I	1700874	CDS	-	BPSL1465	S	G	A
Bp Chr I	1700898	CDS	-	BPSL1465	S	C	T
Bp Chr I	1701192	Intergenic	.	-	-	G	A
Bp Chr I	1701230	CDS	-	BPSL1466	S	G	A
Bp Chr I	1701770	CDS	-	BPSL1466	S	G	A
Bp Chr I	1702157	CDS	-	BPSL1466	S	G	A
Bp Chr I	1702235	CDS	-	BPSL1466	S	A	G
Bp Chr I	1702631	Intergenic	.	-	-	C	T
Bp Chr I	1702645	Intergenic	.	-	-	G	C
Bp Chr I	1702721	Intergenic	.	-	-	G	A
Bp Chr I	1702838	Intergenic	.	-	-	A	G
Bp Chr I	1702889	Intergenic	.	-	-	G	A
Bp Chr I	1703271	Intergenic	.	-	-	A	G
Bp Chr I	1703754	CDS	-	BPSL1467	S	G	A
Bp Chr I	1703790	CDS	-	BPSL1467	S	G	C
Bp Chr I	1704164	CDS	-	BPSL1468	S	C	G
Bp Chr I	1704272	CDS	-	BPSL1468	S	C	T
Bp Chr I	1704308	CDS	-	BPSL1468	S	C	T
Bp Chr I	1704394	CDS	-	BPSL1468	N	C	T
Bp Chr I	1704514	CDS	-	BPSL1468	S	T	G
Bp Chr I	1704623	CDS	-	BPSL1468	S	A	C,G
Bp Chr I	1705069	CDS	-	BPSL1469	S	G	C
Bp Chr I	1705447	CDS	-	BPSL1469	S	C	T
Bp Chr I	1705738	CDS	-	BPSL1469	S	A	G
Bp Chr I	1706022	CDS	-	BPSL1469	S	C	T
Bp Chr I	1706876	CDS	-	BPSL1471	S	G	A
Bp Chr I	1707116	CDS	-	BPSL1471	S	C	T
Bp Chr I	1707539	CDS	-	BPSL1471	S	A	G
Bp Chr I	1708265	CDS	-	BPSL1472	S	T	C
Bp Chr I	1708355	CDS	-	BPSL1472	S	C	T
Bp Chr I	1708457	CDS	-	BPSL1472	S	G	A
Bp Chr I	1708614	CDS	-	BPSL1472	N	T	C
Bp Chr I	1708796	CDS	-	BPSL1472	S	T	C
Bp Chr I	1708892	CDS	-	BPSL1472	S	G	A
Bp Chr I	1709090	CDS	-	BPSL1473	S	A	G
Bp Chr I	1709177	CDS	-	BPSL1473	S	C	T
Bp Chr I	1709246	CDS	-	BPSL1473	S	C	T
Bp Chr I	1709278	CDS	-	BPSL1473	N	C	T
Bp Chr I	1709447	CDS	-	BPSL1473	S	G	A
Bp Chr I	1709448	CDS	-	BPSL1473	N	A	G
Bp Chr I	1709481	CDS	-	BPSL1474	N	A	G
Bp Chr I	1709544	CDS	-	BPSL1474	N	C	T
Bp Chr I	1709554	CDS	-	BPSL1474	S	T	C

Bp Chr I	1709922	CDS	-	BPSL1474	N	C	T
Bp Chr I	1710025	CDS	-	BPSL1474	S	T	C
Bp Chr I	1710061	CDS	-	BPSL1474	S	T	C
Bp Chr I	1710199	CDS	-	BPSL1474	S	G	C
Bp Chr I	1710220	CDS	-	BPSL1474	S	A	G
Bp Chr I	1710321	CDS	-	BPSL1474	S	G	A
Bp Chr I	1710353	CDS	-	BPSL1474	N	G	A
Bp Chr I	1710697	CDS	-	BPSL1474	S	C	T
Bp Chr I	1710838	CDS	-	BPSL1474	S	G	A
Bp Chr I	1710910	CDS	-	BPSL1474	N	G	C
Bp Chr I	1711259	Intergenic	.	-	-	G	A
Bp Chr I	1711397	CDS	-	BPSL1475	N	G	A
Bp Chr I	1711507	CDS	-	BPSL1475	S	C	T
Bp Chr I	1711569	CDS	-	BPSL1475	N	G	A
Bp Chr I	1711632	CDS	-	BPSL1475	N	C	A
Bp Chr I	1712183	CDS	+	BPSL1476	S	C	T
Bp Chr I	1712207	CDS	+	BPSL1476	S	T	C
Bp Chr I	1712357	CDS	+	BPSL1476	S	C	T
Bp Chr I	1712378	CDS	+	BPSL1476	S	A	G
Bp Chr I	1712549	CDS	+	BPSL1476	S	T	C
Bp Chr I	1712637	CDS	+	BPSL1476	N	A	G
Bp Chr I	1712789	CDS	+	BPSL1476	S	C	T
Bp Chr I	1712918	CDS	+	BPSL1476	S	G	A
Bp Chr I	1712928	CDS	+	BPSL1476	N	T	C
Bp Chr I	1712993	CDS	+	BPSL1476	S	C	T
Bp Chr I	1713188	CDS	+	BPSL1476	S	T	C
Bp Chr I	1713523	CDS	+	BPSL1477	S	C	G
Bp Chr I	1713616	CDS	+	BPSL1477	S	G	T
Bp Chr I	1713940	CDS	+	BPSL1477	S	C	T
Bp Chr I	1714402	CDS	+	BPSL1477	S	A	G
Bp Chr I	1714997	CDS	+	BPSL1478	S	C	T
Bp Chr I	1715000	CDS	+	BPSL1478	S	C	T
Bp Chr I	1715700	CDS	+	BPSL1478	N	T	C
Bp Chr I	1715765	CDS	+	BPSL1478	S	T	C
Bp Chr I	1715882	CDS	+	BPSL1478	S	T	C
Bp Chr I	1715903	CDS	+	BPSL1478	S	C	T
Bp Chr I	1716019	CDS	+	BPSL1478	N	G	A
Bp Chr I	1716165	Intergenic	.	-	-	T	C
Bp Chr I	1719442	CDS	-	BPSL1482	N	A	G
Bp Chr I	1719519	CDS	-	BPSL1482	S	T	C
Bp Chr I	1719753	CDS	-	BPSL1482	S	A	G
Bp Chr I	1720289	CDS	+	BPSL1483	S	A	G
Bp Chr I	1720517	CDS	+	BPSL1483	S	C	G
Bp Chr I	1720951	CDS	+	BPSL1484	S	T	C
Bp Chr I	1720965	CDS	+	BPSL1484	N	C	T
Bp Chr I	1720987	CDS	+	BPSL1484	S	T	C
Bp Chr I	1721533	CDS	+	BPSL1484	S	C	T
Bp Chr I	1721958	CDS	+	BPSL1484	N	G	A
Bp Chr I	1721977	CDS	+	BPSL1484	S	T	C
Bp Chr I	1722348	CDS	+	BPSL1484	N	C	T

Bp Chr I	1722361	CDS	+	<i>BPSL1484</i>	S	A	C
Bp Chr I	1722385	CDS	+	<i>BPSL1484</i>	S	T	C
Bp Chr I	1722745	CDS	+	<i>BPSL1484</i>	S	T	C
Bp Chr I	1724209	CDS	-	<i>BPSL1486</i>	S	T	C
Bp Chr I	1724218	CDS	-	<i>BPSL1486</i>	S	G	A
Bp Chr I	1724289	CDS	-	<i>BPSL1486</i>	N	C	A
Bp Chr I	1724299	CDS	-	<i>BPSL1486</i>	S	C	T
Bp Chr I	1724305	CDS	-	<i>BPSL1486</i>	S	C	T
Bp Chr I	1724317	CDS	-	<i>BPSL1486</i>	S	G	A
Bp Chr I	1724356	CDS	-	<i>BPSL1486</i>	S	G	A
Bp Chr I	1724484	CDS	-	<i>BPSL1486</i>	N	G	T
Bp Chr I	1724571	CDS	-	<i>BPSL1486</i>	N	T	A
Bp Chr I	1724785	CDS	-	<i>BPSL1486</i>	S	G	C
Bp Chr I	1724928	Intergenic	.	-	-	G	C
Bp Chr I	1724931	Intergenic	.	-	-	G	C
Bp Chr I	1724944	Intergenic	.	-	-	A	C
Bp Chr I	1725227	CDS	+	<i>BPSL1487</i>	N	C	T
Bp Chr I	1725416	CDS	+	<i>BPSL1487</i>	N	T	G
Bp Chr I	1725594	CDS	+	<i>BPSL1488</i>	S	C	T
Bp Chr I	1725875	CDS	+	<i>BPSL1488</i>	N	A	G
Bp Chr I	1725921	Intergenic	.	-	-	T	A
Bp Chr I	1726005	Intergenic	.	-	-	C	A
Bp Chr I	1726026	Intergenic	.	-	-	G	C
Bp Chr I	1726032	Intergenic	.	-	-	G	A
Bp Chr I	1726078	Intergenic	.	-	-	C	T
Bp Chr I	1726080	Intergenic	.	-	-	C	T
Bp Chr I	1726085	Intergenic	.	-	-	A	G
Bp Chr I	1726087	Intergenic	.	-	-	G	A
Bp Chr I	1726233	Intergenic	.	-	-	C	T
Bp Chr I	1726256	Intergenic	.	-	-	A	G
Bp Chr I	1726282	Intergenic	.	-	-	G	A
Bp Chr I	1726319	CDS	-	<i>BPSL1489</i>	S	G	A
Bp Chr I	1726454	CDS	-	<i>BPSL1489</i>	S	T	C
Bp Chr I	1726528	CDS	-	<i>BPSL1489</i>	N	T	C
Bp Chr I	1726740	CDS	-	<i>BPSL1489</i>	N	C	T
Bp Chr I	1726762	CDS	-	<i>BPSL1489</i>	N	C	T
Bp Chr I	1727108	CDS	-	<i>BPSL1489</i>	S	G	A
Bp Chr I	1732019	CDS	-	<i>BPSL1493</i>	N	A	G
Bp Chr I	1732078	CDS	-	<i>BPSL1493</i>	S	C	T
Bp Chr I	1732148	CDS	-	<i>BPSL1493</i>	N	G	T
Bp Chr I	1732237	CDS	-	<i>BPSL1493</i>	S	C	T
Bp Chr I	1732264	CDS	-	<i>BPSL1493</i>	S	T	C
Bp Chr I	1732417	CDS	-	<i>BPSL1493</i>	S	G	A
Bp Chr I	1732625	CDS	-	<i>BPSL1494</i>	N	C	G
Bp Chr I	1732679	CDS	-	<i>BPSL1494</i>	N	G	T
Bp Chr I	1732773	CDS	-	<i>BPSL1494</i>	S	A	G
Bp Chr I	1732778	CDS	-	<i>BPSL1494</i>	S	A	G
Bp Chr I	1732891	CDS	-	<i>BPSL1494</i>	N	T	G
Bp Chr I	1733046	CDS	-	<i>BPSL1494</i>	S	G	A
Bp Chr I	1733085	Intergenic	.	-	-	A	T

Bp Chr I	1733090	Intergenic	.	-	-	T	C
Bp Chr I	1733126	Intergenic	.	-	-	T	C
Bp Chr I	1733127	Intergenic	.	-	-	A	G
Bp Chr I	1733302	CDS	-	<i>BPSL1495</i>	S	C	T
Bp Chr I	1733473	CDS	-	<i>BPSL1495</i>	S	G	A
Bp Chr I	1733680	CDS	-	<i>BPSL1495</i>	S	G	A
Bp Chr I	1733959	CDS	-	<i>BPSL1495</i>	S	C	G
Bp Chr I	1733977	CDS	-	<i>BPSL1495</i>	S	G	A
Bp Chr I	1734332	CDS	-	<i>BPSL1495</i>	N	C	T
Bp Chr I	1735255	Intergenic	.	-	-	G	A
Bp Chr I	1735287	Intergenic	.	-	-	A	G
Bp Chr I	1735337	Intergenic	.	-	-	T	C
Bp Chr I	1736257	CDS	+	<i>BPSL1498</i>	N	C	T
Bp Chr I	1736727	CDS	+	<i>BPSL1498</i>	S	G	A
Bp Chr I	1736775	CDS	+	<i>BPSL1498</i>	S	G	C
Bp Chr I	1736808	CDS	+	<i>BPSL1498</i>	S	T	C
Bp Chr I	1736814	CDS	+	<i>BPSL1498</i>	S	G	A
Bp Chr I	1736838	CDS	+	<i>BPSL1498</i>	S	A	G
Bp Chr I	1736840	CDS	+	<i>BPSL1498</i>	N	T	C
Bp Chr I	1736847	CDS	+	<i>BPSL1498</i>	S	A	G
Bp Chr I	1736856	CDS	+	<i>BPSL1498</i>	S	G	A
Bp Chr I	1736865	CDS	+	<i>BPSL1498</i>	S	A	G
Bp Chr I	1741910	CDS	+	<i>BPSL1503</i>	S	C	T
Bp Chr I	1741925	CDS	+	<i>BPSL1503</i>	S	G	A
Bp Chr I	1743345	CDS	+	<i>BPSL1505</i>	S	G	A
Bp Chr I	1743417	CDS	+	<i>BPSL1505</i>	S	A	G
Bp Chr I	1743894	CDS	+	<i>BPSL1505</i>	S	G	A
Bp Chr I	1743960	CDS	+	<i>BPSL1505</i>	S	C	T
Bp Chr I	1743978	CDS	+	<i>BPSL1505</i>	S	C	T
Bp Chr I	1744002	CDS	+	<i>BPSL1505</i>	S	G	A
Bp Chr I	1744020	CDS	+	<i>BPSL1505</i>	S	C	T
Bp Chr I	1744155	CDS	+	<i>BPSL1505</i>	S	C	T
Bp Chr I	1744420	CDS	+	<i>BPSL1506</i>	S	G	T
Bp Chr I	1744435	CDS	+	<i>BPSL1506</i>	S	C	G
Bp Chr I	1744819	CDS	+	<i>BPSL1506</i>	S	G	C
Bp Chr I	1744946	CDS	+	<i>BPSL1506</i>	N	A	T
Bp Chr I	1745108	Intergenic	.	-	-	A	G
Bp Chr I	1745183	Intergenic	.	-	-	T	C,G
Bp Chr I	1745207	Intergenic	.	-	-	C	T
Bp Chr I	1745398	CDS	-	<i>BPSL1507</i>	S	C	T
Bp Chr I	1745461	CDS	-	<i>BPSL1507</i>	S	C	G
Bp Chr I	1745483	CDS	-	<i>BPSL1507</i>	N	C	T
Bp Chr I	1745504	CDS	-	<i>BPSL1507</i>	N	G	A
Bp Chr I	1746091	CDS	-	<i>BPSL1507</i>	S	T	C
Bp Chr I	1746566	CDS	+	<i>BPSL1508</i>	S	C	T
Bp Chr I	1746646	CDS	+	<i>BPSL1508</i>	N	C	A
Bp Chr I	1746657	CDS	+	<i>BPSL1508</i>	N	G	A
Bp Chr I	1746659	CDS	+	<i>BPSL1508</i>	S	C	T
Bp Chr I	1746843	CDS	+	<i>BPSL1508</i>	S	T	C
Bp Chr I	1747088	CDS	+	<i>BPSL1508</i>	S	G	A

Bp Chr I	1747145	CDS	+	<i>BPSL1508</i>	S	T	C
Bp Chr I	1747248	CDS	+	<i>BPSL1508</i>	N	G	A
Bp Chr I	1747271	CDS	+	<i>BPSL1508</i>	S	T	C
Bp Chr I	1747388	CDS	+	<i>BPSL1508</i>	S	G	A
Bp Chr I	1747391	CDS	+	<i>BPSL1508</i>	S	G	A
Bp Chr I	1747397	CDS	+	<i>BPSL1508</i>	S	T	C
Bp Chr I	1747412	CDS	+	<i>BPSL1508</i>	S	T	C
Bp Chr I	1747451	CDS	+	<i>BPSL1508</i>	S	T	C
Bp Chr I	1747578	Intergenic	.	-	-	A	G
Bp Chr I	1747592	Intergenic	.	-	-	T	C
Bp Chr I	1747620	Intergenic	.	-	-	G	A
Bp Chr I	1747631	Intergenic	.	-	-	G	C
Bp Chr I	1747636	Intergenic	.	-	-	C	T
Bp Chr I	1747705	CDS	-	<i>BPSL1509</i>	S	C	T
Bp Chr I	1777425	CDS	+	<i>BPSL1534</i>	S	C	G
Bp Chr I	1778154	CDS	+	<i>BPSL1534</i>	S	C	T
Bp Chr I	1778223	CDS	+	<i>BPSL1534</i>	S	T	G
Bp Chr I	1778250	CDS	+	<i>BPSL1534</i>	S	C	T
Bp Chr I	1778493	CDS	+	<i>BPSL1534</i>	S	T	C
Bp Chr I	1778612	CDS	+	<i>BPSL1534</i>	N	A	G
Bp Chr I	1778670	CDS	+	<i>BPSL1534</i>	S	G	A
Bp Chr I	1779081	CDS	+	<i>BPSL1535</i>	S	G	C
Bp Chr I	1779601	CDS	+	<i>BPSL1535</i>	N	A	G
Bp Chr I	1779627	CDS	+	<i>BPSL1535</i>	S	A	G
Bp Chr I	1779658	CDS	+	<i>BPSL1535</i>	N	A	G
Bp Chr I	1780088	CDS	+	<i>BPSL1535</i>	N	C	T
Bp Chr I	1780146	Intergenic	.	-	-	C	T
Bp Chr I	1780562	CDS	+	<i>BPSL1536</i>	S	C	T
Bp Chr I	1780718	CDS	+	<i>BPSL1536</i>	S	C	T
Bp Chr I	1780969	Intergenic	.	-	-	C	T
Bp Chr I	1781667	CDS	+	<i>BPSL1537</i>	2	G	A
Bp Chr I	1782792	CDS	+	<i>BPSL1538</i>	S	A	G
Bp Chr I	1782798	CDS	+	<i>BPSL1538</i>	S	C	T
Bp Chr I	1783383	CDS	+	<i>BPSL1538</i>	S	G	A
Bp Chr I	1783444	CDS	+	<i>BPSL1538</i>	N	G	A
Bp Chr I	1783883	CDS	+	<i>BPSL1539</i>	S	G	T
Bp Chr I	1783940	CDS	+	<i>BPSL1539</i>	S	T	C
Bp Chr I	1783994	CDS	+	<i>BPSL1539</i>	S	C	T
Bp Chr I	1784200	CDS	+	<i>BPSL1539</i>	N	G	A
Bp Chr I	1784328	CDS	+	<i>BPSL1539</i>	N	A	G
Bp Chr I	1784514	CDS	+	<i>BPSL1539</i>	N	A	T
Bp Chr I	1784896	CDS	+	<i>BPSL1540</i>	S	T	C
Bp Chr I	1784969	CDS	+	<i>BPSL1540</i>	N	A	G
Bp Chr I	1785455	CDS	+	<i>BPSL1540</i>	N	C	A
Bp Chr I	1785668	CDS	+	<i>BPSL1540</i>	N	C	T
Bp Chr I	1785954	CDS	+	<i>BPSL1541</i>	N	T	G
Bp Chr I	1786004	CDS	+	<i>BPSL1541</i>	S	C	T
Bp Chr I	1786008	CDS	+	<i>BPSL1541</i>	N	A	G
Bp Chr I	1786072	CDS	+	<i>BPSL1541</i>	N	T	C
Bp Chr I	1786388	CDS	+	<i>BPSL1541</i>	S	G	A

Bp Chr I	1798281	Intergenic	.	-	-	C	T
Bp Chr I	1799201	CDS	+	<i>BPSL1550</i>	S	C	T
Bp Chr I	1799246	CDS	+	<i>BPSL1550</i>	S	T	C
Bp Chr I	1799315	CDS	+	<i>BPSL1550</i>	S	T	C
Bp Chr I	1799357	CDS	+	<i>BPSL1550</i>	S	A	G
Bp Chr I	1799501	CDS	+	<i>BPSL1550</i>	S	C	A
Bp Chr I	1799934	Intergenic	.	-	-	A	G
Bp Chr I	1800089	Intergenic	.	-	-	C	T
Bp Chr I	1800216	CDS	+	<i>BPSL1551</i>	N	G	T
Bp Chr I	1800307	CDS	+	<i>BPSL1551</i>	N	G	A
Bp Chr I	1800461	CDS	+	<i>BPSL1551</i>	S	C	T
Bp Chr I	1801025	CDS	+	<i>BPSL1551</i>	S	C	A
Bp Chr I	1823483	CDS	-	<i>BPSL1568</i>	S	T	C
Bp Chr I	1823552	CDS	-	<i>BPSL1568</i>	S	A	G
Bp Chr I	1823715	CDS	-	<i>BPSL1568</i>	N	T	C
Bp Chr I	1823777	CDS	-	<i>BPSL1568</i>	S	G	A
Bp Chr I	1823849	CDS	-	<i>BPSL1568</i>	S	C	T
Bp Chr I	1824094	Intergenic	.	-	-	A	C
Bp Chr I	1824395	CDS	+	<i>BPSL1569</i>	S	G	A
Bp Chr I	1824626	CDS	+	<i>BPSL1569</i>	S	C	T
Bp Chr I	1824692	CDS	+	<i>BPSL1569</i>	S	T	C
Bp Chr I	1824716	CDS	+	<i>BPSL1569</i>	S	T	C
Bp Chr I	1824746	CDS	+	<i>BPSL1569</i>	S	G	C
Bp Chr I	1824758	CDS	+	<i>BPSL1569</i>	S	G	A
Bp Chr I	1824779	CDS	+	<i>BPSL1569</i>	S	G	A
Bp Chr I	1824876	Intergenic	.	-	-	T	C
Bp Chr I	1824921	Intergenic	.	-	-	G	C
Bp Chr I	1824944	Intergenic	.	-	-	G	A
Bp Chr I	1824961	Intergenic	.	-	-	G	A
Bp Chr I	1825004	Intergenic	.	-	-	C	T
Bp Chr I	1825030	Intergenic	.	-	-	C	T
Bp Chr I	1825037	Intergenic	.	-	-	A	G
Bp Chr I	1825070	Intergenic	.	-	-	T	C
Bp Chr I	1825113	Intergenic	.	-	-	T	C
Bp Chr I	1825309	CDS	-	<i>BPSL1570</i>	S	G	A
Bp Chr I	1826386	CDS	-	<i>BPSL1570</i>	S	C	T
Bp Chr I	1826529	CDS	-	<i>BPSL1570</i>	N	C	T
Bp Chr I	1826714	CDS	-	<i>BPSL1570</i>	N	C	T
Bp Chr I	1829943	CDS	+	<i>BPSL1574</i>	N	C	T
Bp Chr I	1830010	CDS	+	<i>BPSL1574</i>	N	A	C
Bp Chr I	1830168	CDS	+	<i>BPSL1574</i>	N	C	T
Bp Chr I	1830233	CDS	+	<i>BPSL1574</i>	S	C	G
Bp Chr I	1830234	CDS	+	<i>BPSL1574</i>	S	T	C
Bp Chr I	1830443	CDS	+	<i>BPSL1574</i>	N	T	G
Bp Chr I	1830446	CDS	+	<i>BPSL1574</i>	S	G	T
Bp Chr I	1830507	CDS	+	<i>BPSL1574</i>	N	G	A
Bp Chr I	1830523	CDS	+	<i>BPSL1574</i>	N	C	T
Bp Chr I	1830546	CDS	+	<i>BPSL1574</i>	N	G	A
Bp Chr I	1830561	Intergenic	.	-	-	T	C
Bp Chr I	1830715	CDS	+	<i>BPSL1575</i>	S	C	T

Bp Chr I	1830735	CDS	+	<i>BPSL1575</i>	N	G	A
Bp Chr I	1831103	CDS	+	<i>BPSL1575</i>	N	T	C
Bp Chr I	1831527	CDS	+	<i>BPSL1575</i>	N	T	C
Bp Chr I	2004545	CDS	-	<i>BPSL1712</i>	S	C	G
Bp Chr I	2004780	CDS	-	<i>BPSL1712</i>	N	G	A
Bp Chr I	2004834	CDS	-	<i>BPSL1712</i>	N	C	T
Bp Chr I	2004970	CDS	-	<i>BPSL1712</i>	N	C	T
Bp Chr I	2005057	CDS	-	<i>BPSL1712</i>	N	C	T
Bp Chr I	2005186	CDS	-	<i>BPSL1712</i>	N	G	A
Bp Chr I	2005211	CDS	-	<i>BPSL1712</i>	N	G	C
Bp Chr I	2005244	CDS	-	<i>BPSL1712</i>	S	G	A
Bp Chr I	2005500	CDS	-	<i>BPSL1712</i>	N	C	G
Bp Chr I	2005536	CDS	-	<i>BPSL1712</i>	N	G	T
Bp Chr I	2005583	CDS	-	<i>BPSL1712</i>	S	T	C
Bp Chr I	2156077	CDS	-	<i>BPSL1808</i>	S	C	T
Bp Chr I	2156226	CDS	-	<i>BPSL1808</i>	S	G	A
Bp Chr I	2156341	Intergenic	.	-	-	C	T
Bp Chr I	2156371	Intergenic	.	-	-	A	G
Bp Chr I	2156420	Intergenic	.	-	-	T	C
Bp Chr I	2156530	Intergenic	.	-	-	C	T
Bp Chr I	2156582	Intergenic	.	-	-	G	A
Bp Chr I	2156669	CDS	-	<i>BPSL1809</i>	N	T	C
Bp Chr I	2156832	CDS	-	<i>BPSL1809</i>	S	G	A
Bp Chr I	2173424	CDS	-	<i>BPSL1825</i>	N	T	C
Bp Chr I	2173455	CDS	-	<i>BPSL1825</i>	S	G	A
Bp Chr I	2173473	CDS	-	<i>BPSL1825</i>	S	C	T
Bp Chr I	2173494	CDS	-	<i>BPSL1825</i>	S	G	T
Bp Chr I	2174001	CDS	-	<i>BPSL1825</i>	S	G	A
Bp Chr I	2174037	CDS	-	<i>BPSL1825</i>	S	G	A
Bp Chr I	2174370	Intergenic	.	-	-	T	C
Bp Chr I	2174373	Intergenic	.	-	-	A	G
Bp Chr I	2174398	Intergenic	.	-	-	T	C
Bp Chr I	2174465	Intergenic	.	-	-	A	G
Bp Chr I	2174557	Intergenic	.	-	-	G	A
Bp Chr I	2174566	Intergenic	.	-	-	G	A
Bp Chr I	2174612	Intergenic	.	-	-	G	A
Bp Chr I	2174623	Intergenic	.	-	-	C	T
Bp Chr I	2174727	Intergenic	.	-	-	C	G
Bp Chr I	2174748	Intergenic	.	-	-	G	T
Bp Chr I	2174772	Intergenic	.	-	-	C	T
Bp Chr I	2174937	CDS	-	<i>BPSL1826</i>	S	G	C
Bp Chr I	2174946	CDS	-	<i>BPSL1826</i>	S	A	G
Bp Chr I	2180176	Intergenic	.	-	-	G	A
Bp Chr I	2180194	Intergenic	.	-	-	T	C
Bp Chr I	2180283	Intergenic	.	-	-	G	A
Bp Chr I	2180301	Intergenic	.	-	-	A	G
Bp Chr I	2180343	Intergenic	.	-	-	A	G
Bp Chr I	2180357	Intergenic	.	-	-	A	G
Bp Chr I	2180371	Intergenic	.	-	-	A	G
Bp Chr I	2180385	Intergenic	.	-	-	G	A

Bp Chr I	2180392	Intergenic	.	-	-	A	T
Bp Chr I	2180394	Intergenic	.	-	-	A	T
Bp Chr I	2180412	Intergenic	.	-	-	G	C
Bp Chr I	2180427	Intergenic	.	-	-	C	T
Bp Chr I	2180455	Intergenic	.	-	-	G	A
Bp Chr I	2180471	Intergenic	.	-	-	T	C
Bp Chr I	2180494	Intergenic	.	-	-	C	A
Bp Chr I	2180551	Intergenic	.	-	-	T	C
Bp Chr I	2180573	Intergenic	.	-	-	G	A
Bp Chr I	2180582	Intergenic	.	-	-	G	A
Bp Chr I	2180723	CDS	-	<i>BPSL1829</i>	N	C	T
Bp Chr I	2180756	CDS	-	<i>BPSL1829</i>	N	G	T
Bp Chr I	2180787	CDS	-	<i>BPSL1829</i>	N	G	A
Bp Chr I	2180817	CDS	-	<i>BPSL1829</i>	N	C	T
Bp Chr I	2180853	CDS	-	<i>BPSL1829</i>	N	C	T
Bp Chr I	2180880	CDS	-	<i>BPSL1829</i>	N	G	A
Bp Chr I	2180927	CDS	-	<i>BPSL1829</i>	N	G	A
Bp Chr I	2180961	CDS	-	<i>BPSL1829</i>	N	C	G
Bp Chr I	2180963	CDS	-	<i>BPSL1829</i>	N	G	C
Bp Chr I	2180974	CDS	-	<i>BPSL1829</i>	S	G	A
Bp Chr I	2180995	CDS	-	<i>BPSL1829</i>	N	A	C
Bp Chr I	2180999	CDS	-	<i>BPSL1829</i>	N	C	T
Bp Chr I	2181256	CDS	-	<i>BPSL1829</i>	S	G	A
Bp Chr I	2181349	CDS	-	<i>BPSL1829</i>	S	G	A
Bp Chr I	2181776	CDS	-	<i>BPSL1829</i>	N	G	A
Bp Chr I	2181815	CDS	-	<i>BPSL1829</i>	N	A	T
Bp Chr I	2181987	CDS	-	<i>BPSL1829</i>	N	C	G
Bp Chr I	2182216	CDS	-	<i>BPSL1829</i>	S	A	G
Bp Chr I	2182264	CDS	-	<i>BPSL1829</i>	S	A	G
Bp Chr I	2182378	CDS	-	<i>BPSL1829</i>	S	C	G
Bp Chr I	2182527	CDS	-	<i>BPSL1829</i>	S	G	T
Bp Chr I	2184865	CDS	-	<i>BPSL1832</i>	S	G	A
Bp Chr I	2184909	CDS	-	<i>BPSL1832</i>	N	C	T
Bp Chr I	2184929	CDS	-	<i>BPSL1832</i>	N	A	G
Bp Chr I	2185252	CDS	-	<i>BPSL1832</i>	S	T	C
Bp Chr I	2185465	CDS	-	<i>BPSL1832</i>	S	G	A
Bp Chr I	2185545	CDS	-	<i>BPSL1832</i>	S	G	A
Bp Chr I	2185835	Intergenic	.	-	-	C	T
Bp Chr I	2185866	Intergenic	.	-	-	C	A
Bp Chr I	2185892	CDS	-	<i>BPSL1833</i>	N	G	C
Bp Chr I	2186264	CDS	-	<i>BPSL1833</i>	S	G	A
Bp Chr I	2186497	CDS	-	<i>BPSL1833</i>	N	C	T
Bp Chr I	2186632	CDS	-	<i>BPSL1833</i>	N	A	G
Bp Chr I	2186762	CDS	-	<i>BPSL1833</i>	S	G	A
Bp Chr I	2186837	CDS	-	<i>BPSL1833</i>	S	G	A
Bp Chr I	2186996	CDS	-	<i>BPSL1833</i>	S	C	T
Bp Chr I	2187017	CDS	-	<i>BPSL1833</i>	S	A	G
Bp Chr I	2187038	CDS	-	<i>BPSL1833</i>	S	C	G
Bp Chr I	2187230	CDS	-	<i>BPSL1833</i>	S	G	A
Bp Chr I	2187677	CDS	-	<i>BPSL1834</i>	N	C	A

Bp Chr I	2188902	Intergenic	.	-	-	C	T
Bp Chr I	2189121	CDS	-	<i>BPSL1835</i>	S	C	T
Bp Chr I	2221072	Intergenic	.	-	-	A	G
Bp Chr I	2221613	CDS	+	<i>BPSL1868</i>	S	C	A
Bp Chr I	2221676	CDS	+	<i>BPSL1868</i>	S	C	G
Bp Chr I	2221778	Intergenic	.	-	-	G	A
Bp Chr I	2221847	Intergenic	.	-	-	G	A
Bp Chr I	2221908	Intergenic	.	-	-	G	A
Bp Chr I	2222059	Intergenic	.	-	-	G	A
Bp Chr I	2222088	Intergenic	.	-	-	G	A
Bp Chr I	2222329	CDS	-	<i>BPSL1869</i>	N	G	C
Bp Chr I	2222457	CDS	-	<i>BPSL1869</i>	S	C	A
Bp Chr I	2222568	CDS	-	<i>BPSL1869</i>	S	G	A
Bp Chr I	2222899	CDS	-	<i>BPSL1869</i>	N	G	A
Bp Chr I	2223064	CDS	-	<i>BPSL1869</i>	N	A	C
Bp Chr I	2223282	CDS	-	<i>BPSL1870</i>	S	C	T
Bp Chr I	2223336	CDS	-	<i>BPSL1870</i>	S	C	T
Bp Chr I	2223378	CDS	-	<i>BPSL1870</i>	S	G	A
Bp Chr I	2223483	CDS	-	<i>BPSL1870</i>	S	G	A
Bp Chr I	2223765	CDS	-	<i>BPSL1870</i>	S	G	A
Bp Chr I	2224418	CDS	-	<i>BPSL1871</i>	N	T	C
Bp Chr I	2224666	CDS	-	<i>BPSL1871</i>	S	G	A
Bp Chr I	2225117	Intergenic	.	-	-	G	A
Bp Chr I	2225124	Intergenic	.	-	-	C	T
Bp Chr I	2225545	CDS	-	<i>BPSL1872</i>	N	G	A
Bp Chr I	2242325	CDS	+	<i>BPSL1882</i>	S	G	A
Bp Chr I	2242525	Intergenic	.	-	-	C	T
Bp Chr I	2242836	CDS	+	<i>BPSL1883</i>	S	G	A
Bp Chr I	2243151	CDS	+	<i>BPSL1883</i>	S	T	C
Bp Chr I	2243267	CDS	+	<i>BPSL1883</i>	N	A	C
Bp Chr I	2243790	CDS	+	<i>BPSL1883</i>	S	C	T
Bp Chr I	2257361	CDS	-	<i>BPSL1895</i>	N	G	A
Bp Chr I	2257405	CDS	-	<i>BPSL1895</i>	S	G	A
Bp Chr I	2257798	CDS	-	<i>BPSL1895</i>	S	C	T
Bp Chr I	2258345	CDS	-	<i>BPSL1895</i>	N	G	A
Bp Chr I	2258486	CDS	-	<i>BPSL1896</i>	N	G	A
Bp Chr I	2258575	CDS	-	<i>BPSL1896</i>	S	C	A
Bp Chr I	2258725	CDS	-	<i>BPSL1896</i>	S	T	C
Bp Chr I	2259199	CDS	-	<i>BPSL1896</i>	S	C	A
Bp Chr I	2259629	CDS	-	<i>BPSL1897</i>	S	G	A
Bp Chr I	2265075	CDS	+	<i>BPSL1903</i>	S	G	C
Bp Chr I	2265129	CDS	+	<i>BPSL1903</i>	S	T	C
Bp Chr I	2265633	CDS	+	<i>BPSL1903</i>	S	A	G
Bp Chr I	2266002	CDS	+	<i>BPSL1903</i>	S	G	A
Bp Chr I	2271713	Intergenic	.	-	-	A	G
Bp Chr I	2271776	CDS	-	<i>BPSL1909</i>	N	T	C
Bp Chr I	2271994	CDS	-	<i>BPSL1909</i>	N	T	C
Bp Chr I	2272167	CDS	-	<i>BPSL1909</i>	S	C	T
Bp Chr I	2273144	CDS	-	<i>BPSL1909</i>	S	G	A
Bp Chr I	2273505	CDS	-	<i>BPSL1909</i>	S	G	C

Bp Chr I	2274480	CDS	-	<i>BPSL1909</i>	S	C	T
Bp Chr I	2276874	CDS	-	<i>BPSL1911</i>	S	C	T
Bp Chr I	2280717	CDS	+	<i>BPSL1913</i>	S	C	T
Bp Chr I	2281159	CDS	+	<i>BPSL1914</i>	S	G	A
Bp Chr I	2322331	CDS	-	<i>BPSL1950</i>	S	C	T
Bp Chr I	2322332	CDS	-	<i>BPSL1950</i>	N	C	T
Bp Chr I	2322502	CDS	-	<i>BPSL1950</i>	N	C	T
Bp Chr I	2322625	CDS	-	<i>BPSL1950</i>	S	C	T
Bp Chr I	2322953	Intergenic	.	-	-	C	T
Bp Chr I	2323094	Intergenic	.	-	-	G	A
Bp Chr I	2323106	Intergenic	.	-	-	G	A
Bp Chr I	2323410	CDS	+	<i>BPSL1951</i>	N	C	T
Bp Chr I	2323603	CDS	+	<i>BPSL1951</i>	S	C	T
Bp Chr I	2323604	CDS	+	<i>BPSL1951</i>	N	A	G
Bp Chr I	2323747	CDS	+	<i>BPSL1952</i>	N	G	A
Bp Chr I	2326042	CDS	-	<i>BPSL1954</i>	S	G	A
Bp Chr I	2326150	CDS	-	<i>BPSL1954</i>	S	G	A
Bp Chr I	2326210	CDS	-	<i>BPSL1954</i>	S	T	C
Bp Chr I	2326326	CDS	-	<i>BPSL1954</i>	N	G	C
Bp Chr I	2326703	CDS	-	<i>BPSL1955</i>	S	G	A
Bp Chr I	2326808	CDS	-	<i>BPSL1955</i>	S	G	A
Bp Chr I	2327045	CDS	-	<i>BPSL1955</i>	S	C	T
Bp Chr I	2327150	CDS	-	<i>BPSL1955</i>	S	G	C
Bp Chr I	2327168	CDS	-	<i>BPSL1955</i>	S	G	A
Bp Chr I	2366773	CDS	-	<i>BPSL1984</i>	S	C	T
Bp Chr I	2366997	CDS	-	<i>BPSL1984</i>	N	G	A
Bp Chr I	2367172	CDS	-	<i>BPSL1984</i>	S	G	A
Bp Chr I	2367178	CDS	-	<i>BPSL1984</i>	S	C	T
Bp Chr I	2367250	CDS	-	<i>BPSL1984</i>	S	C	T
Bp Chr I	2367475	CDS	-	<i>BPSL1984</i>	S	A	G
Bp Chr I	2367950	Intergenic	.	-	-	C	T
Bp Chr I	2367957	CDS	-	<i>BPSL1985</i>	S	C	G
Bp Chr I	2368554	CDS	-	<i>BPSL1985</i>	S	C	T
Bp Chr I	2369073	CDS	-	<i>BPSL1986</i>	S	C	T
Bp Chr I	2369398	Intergenic	.	-	-	G	A
Bp Chr I	2369532	Intergenic	.	-	-	C	T
Bp Chr I	2369627	Intergenic	.	-	-	T	G
Bp Chr I	2370038	Intergenic	.	-	-	G	A
Bp Chr I	2370451	CDS	-	<i>BPSL1988</i>	S	G	C
Bp Chr I	2370475	CDS	-	<i>BPSL1988</i>	S	G	A
Bp Chr I	2370719	CDS	-	<i>BPSL1988</i>	N	C	T
Bp Chr I	2370949	CDS	-	<i>BPSL1988</i>	S	C	T
Bp Chr I	2370950	CDS	-	<i>BPSL1988</i>	N	G	A
Bp Chr I	2371073	CDS	-	<i>BPSL1988</i>	N	G	A
Bp Chr I	2371111	CDS	-	<i>BPSL1989</i>	S	T	C
Bp Chr I	2371387	CDS	-	<i>BPSL1989</i>	S	A	G
Bp Chr I	2371486	CDS	-	<i>BPSL1989</i>	S	G	C
Bp Chr I	2371544	CDS	-	<i>BPSL1989</i>	N	T	C
Bp Chr I	2371714	CDS	-	<i>BPSL1989</i>	S	A	G
Bp Chr I	2371768	CDS	-	<i>BPSL1989</i>	S	G	A

Bp Chr I	2371829	CDS	-	<i>BPSL1989</i>	N	A	G
Bp Chr I	2371935	CDS	-	<i>BPSL1989</i>	N	C	T
Bp Chr I	2372234	CDS	-	<i>BPSL1990</i>	S	C	T
Bp Chr I	2372599	CDS	-	<i>BPSL1990</i>	N	C	T
Bp Chr I	2372663	CDS	-	<i>BPSL1990</i>	S	C	T
Bp Chr I	2372666	CDS	-	<i>BPSL1990</i>	S	G	A
Bp Chr I	2372807	CDS	-	<i>BPSL1990</i>	S	G	A
Bp Chr I	2372879	CDS	-	<i>BPSL1990</i>	S	A	C
Bp Chr I	2373084	Intergenic	.	-	-	T	C
Bp Chr I	2373088	Intergenic	.	-	-	C	T
Bp Chr I	2373097	Intergenic	.	-	-	T	C
Bp Chr I	2373119	Intergenic	.	-	-	G	A
Bp Chr I	2373144	Intergenic	.	-	-	C	T
Bp Chr I	2373146	Intergenic	.	-	-	G	A
Bp Chr I	2373311	CDS	+	<i>BPSL1991</i>	S	G	A
Bp Chr I	2373434	CDS	+	<i>BPSL1991</i>	S	T	C
Bp Chr I	2373559	CDS	+	<i>BPSL1991</i>	N	A	G
Bp Chr I	2373599	CDS	+	<i>BPSL1991</i>	S	C	T
Bp Chr I	2374046	CDS	+	<i>BPSL1991</i>	S	G	A
Bp Chr I	2374050	CDS	+	<i>BPSL1991</i>	S	C	T
Bp Chr I	2374175	CDS	+	<i>BPSL1991</i>	S	G	A
Bp Chr I	2374316	Intergenic	.	-	-	C	T
Bp Chr I	2374516	CDS	+	<i>BPSL1992</i>	N	G	A
Bp Chr I	2374812	CDS	+	<i>BPSL1992</i>	S	C	T
Bp Chr I	2375223	CDS	+	<i>BPSL1992</i>	S	C	G
Bp Chr I	2375445	CDS	+	<i>BPSL1992</i>	S	T	C
Bp Chr I	2375499	CDS	+	<i>BPSL1992</i>	S	G	A
Bp Chr I	2375688	CDS	+	<i>BPSL1993</i>	S	G	A
Bp Chr I	2375787	CDS	+	<i>BPSL1993</i>	S	C	T
Bp Chr I	2375844	CDS	+	<i>BPSL1993</i>	S	A	G
Bp Chr I	2375874	CDS	+	<i>BPSL1993</i>	S	G	A
Bp Chr I	2376114	CDS	+	<i>BPSL1993</i>	S	G	A
Bp Chr I	2377051	CDS	+	<i>BPSL1994</i>	S	T	C
Bp Chr I	2377520	CDS	+	<i>BPSL1994</i>	N	A	T
Bp Chr I	2377528	CDS	+	<i>BPSL1994</i>	S	G	A
Bp Chr I	2377639	CDS	+	<i>BPSL1994</i>	S	T	C
Bp Chr I	2377954	CDS	+	<i>BPSL1994</i>	S	C	T
Bp Chr I	2378092	CDS	+	<i>BPSL1994</i>	S	C	T
Bp Chr I	2378331	CDS	+	<i>BPSL1994</i>	N	C	T
Bp Chr I	2378849	CDS	+	<i>BPSL1995</i>	S	T	C
Bp Chr I	2393974	CDS	-	<i>BPSL2007</i>	N	C	T
Bp Chr I	2393995	Intergenic	.	-	-	G	A
Bp Chr I	2394127	CDS	+	<i>BPSL2008</i>	N	G	A
Bp Chr I	2395101	Intergenic	.	-	-	C	A
Bp Chr I	2395139	Intergenic	.	-	-	A	G
Bp Chr I	2395329	Intergenic	.	-	-	G	A
Bp Chr I	2395370	Intergenic	.	-	-	C	A
Bp Chr I	2395405	Intergenic	.	-	-	A	G
Bp Chr I	2395436	Intergenic	.	-	-	A	C
Bp Chr I	2395461	Intergenic	.	-	-	G	T

Bp Chr I	2395482	Intergenic	.	-	-	A	T
Bp Chr I	2395505	Intergenic	.	-	-	C	T
Bp Chr I	2395525	Intergenic	.	-	-	G	C
Bp Chr I	2395537	Intergenic	.	-	-	C	T
Bp Chr I	2395567	Intergenic	.	-	-	T	C
Bp Chr I	2395786	CDS	-	BPSL2009	S	T	C
Bp Chr I	2395791	CDS	-	BPSL2009	N	T	C
Bp Chr I	2396191	CDS	-	BPSL2009	S	C	G
Bp Chr I	2396431	CDS	-	BPSL2009	S	G	A
Bp Chr I	2396512	CDS	-	BPSL2009	S	C	A
Bp Chr I	2396578	CDS	-	BPSL2009	S	A	G
Bp Chr I	2396735	CDS	-	BPSL2009	N	T	C
Bp Chr I	2396848	CDS	-	BPSL2009	S	G	A
Bp Chr I	2396881	CDS	-	BPSL2009	S	G	A
Bp Chr I	2396884	CDS	-	BPSL2009	S	G	C
Bp Chr I	2397010	CDS	-	BPSL2009	S	A	G
Bp Chr I	2397205	CDS	-	BPSL2009	S	G	A
Bp Chr I	2397848	CDS	-	BPSL2009	N	T	C
Bp Chr I	2397850	CDS	-	BPSL2009	S	A	G
Bp Chr I	2397967	CDS	-	BPSL2009	S	G	A
Bp Chr I	2398006	CDS	-	BPSL2009	S	A	G
Bp Chr I	2398057	CDS	-	BPSL2009	S	C	T
Bp Chr I	2398201	CDS	-	BPSL2009	S	G	A
Bp Chr I	2398362	Intergenic	.	-	-	C	T
Bp Chr I	2440007	CDS	-	BPSL2041	S	T	G
Bp Chr I	2440124	CDS	-	BPSL2041	S	G	T
Bp Chr I	2440328	CDS	-	BPSL2041	S	A	G
Bp Chr I	2465968	CDS	-	BPSL2061	S	C	T
Bp Chr I	2465977	CDS	-	BPSL2061	S	C	T
Bp Chr I	2466213	CDS	-	BPSL2061	N	C	T
Bp Chr I	2466457	CDS	-	BPSL2061	S	A	G
Bp Chr I	2466558	CDS	-	BPSL2061	N	A	G
Bp Chr I	2466604	CDS	-	BPSL2061	S	G	A
Bp Chr I	2466694	CDS	-	BPSL2061	S	C	T
Bp Chr I	2467119	CDS	-	BPSL2061	N	C	T
Bp Chr I	2467418	CDS	-	BPSL2062	S	G	C
Bp Chr I	2467568	CDS	-	BPSL2062	S	G	T
Bp Chr I	2467586	CDS	-	BPSL2062	S	A	G
Bp Chr I	2467668	CDS	-	BPSL2062	N	C	A
Bp Chr I	2467676	CDS	-	BPSL2062	S	G	A
Bp Chr I	2467682	CDS	-	BPSL2062	S	A	G
Bp Chr I	2467931	Intergenic	.	-	-	G	A
Bp Chr I	2468248	CDS	-	BPSL2063	S	G	A
Bp Chr I	2469184	CDS	-	BPSL2063	S	C	A
Bp Chr I	2469274	CDS	-	BPSL2063	S	C	T
Bp Chr I	2469353	CDS	-	BPSL2063	N	T	C
Bp Chr I	2469376	CDS	-	BPSL2063	S	C	A
Bp Chr I	2469391	CDS	-	BPSL2063	S	G	A
Bp Chr I	2469402	CDS	-	BPSL2063	N	T	A
Bp Chr I	2469451	CDS	-	BPSL2063	S	A	G

Bp Chr I	2469457	CDS	-	BPSL2063	S	T	C
Bp Chr I	2469576	CDS	-	BPSL2063	N	C	T
Bp Chr I	2469619	CDS	-	BPSL2063	S	G	A
Bp Chr I	2469658	CDS	-	BPSL2063	S	C	T
Bp Chr I	2486082	CDS	+	BPSL2075	S	C	T
Bp Chr I	2486306	CDS	+	BPSL2075	S	G	A
Bp Chr I	2487152	CDS	+	BPSL2075	S	C	T
Bp Chr I	2487167	CDS	+	BPSL2075	S	G	T
Bp Chr I	2487399	CDS	+	BPSL2075	N	A	G
Bp Chr I	2487807	CDS	+	BPSL2075	N	T	G
Bp Chr I	2487994	CDS	+	BPSL2075	N	C	T
Bp Chr I	2488224	CDS	+	BPSL2075	N	G	A
Bp Chr I	2488448	CDS	+	BPSL2075	S	C	T
Bp Chr I	2488565	CDS	+	BPSL2075	N	C	G
Bp Chr I	2488601	CDS	+	BPSL2075	S	G	A
Bp Chr I	2515471	CDS	+	BPSL2095	S	G	C
Bp Chr I	2515474	CDS	+	BPSL2095	S	C	T
Bp Chr I	2515630	CDS	+	BPSL2095	S	C	A
Bp Chr I	2516363	Intergenic	.	-	-	C	T
Bp Chr I	2557270	CDS	-	BPSL2128	N	G	T
Bp Chr I	2557280	CDS	-	BPSL2128	S	C	A
Bp Chr I	2557323	CDS	-	BPSL2128	N	T	C
Bp Chr I	2557340	CDS	-	BPSL2128	S	G	A
Bp Chr I	2557349	CDS	-	BPSL2128	S	G	C
Bp Chr I	2557353	CDS	-	BPSL2128	N	G	T
Bp Chr I	2557359	CDS	-	BPSL2128	N	G	A
Bp Chr I	2557392	CDS	-	BPSL2128	N	A	G
Bp Chr I	2557393	CDS	-	BPSL2128	N	C	T
Bp Chr I	2557525	CDS	-	BPSL2128	N	G	A
Bp Chr I	2557532	CDS	-	BPSL2128	S	A	G
Bp Chr I	2557583	CDS	-	BPSL2128	S	C	T
Bp Chr I	2557667	CDS	-	BPSL2128	S	T	C
Bp Chr I	2557670	CDS	-	BPSL2128	S	C	T
Bp Chr I	2558105	CDS	-	BPSL2129	S	C	T
Bp Chr I	2558279	CDS	-	BPSL2129	S	G	A
Bp Chr I	2558423	CDS	-	BPSL2129	S	G	A
Bp Chr I	2559602	Intergenic	.	-	-	G	A
Bp Chr I	2559811	CDS	-	BPSL2130	S	C	T
Bp Chr I	2559937	CDS	-	BPSL2130	S	G	A
Bp Chr I	2559956	CDS	-	BPSL2130	N	T	C
Bp Chr I	2559994	CDS	-	BPSL2130	S	G	A
Bp Chr I	2560006	CDS	-	BPSL2130	N	T	G
Bp Chr I	2560017	CDS	-	BPSL2130	N	A	G
Bp Chr I	2560186	CDS	-	BPSL2130	S	G	A
Bp Chr I	2560191	CDS	-	BPSL2130	N	C	T
Bp Chr I	2560538	Intergenic	.	-	-	G	A
Bp Chr I	2560671	CDS	+	BPSL2131	N	C	T
Bp Chr I	2561028	CDS	+	BPSL2131	N	G	T
Bp Chr I	2561122	CDS	+	BPSL2131	S	C	G
Bp Chr I	2561229	CDS	+	BPSL2131	N	G	A

Bp Chr I	2561236	CDS	+	<i>BPSL2131</i>	S	C	T
Bp Chr I	2561250	Intergenic	.	-	-	A	G
Bp Chr I	2561353	CDS	+	<i>BPSL2131</i>	S	G	A
Bp Chr I	2561376	CDS	+	<i>BPSL2131</i>	N	G	A
Bp Chr I	2584082	CDS	-	<i>BPSL2153</i>	S	T	C
Bp Chr I	2584121	CDS	-	<i>BPSL2153</i>	S	C	G
Bp Chr I	2584163	CDS	-	<i>BPSL2153</i>	S	G	A
Bp Chr I	2584166	CDS	-	<i>BPSL2153</i>	S	G	A
Bp Chr I	2584169	CDS	-	<i>BPSL2153</i>	S	A	G
Bp Chr I	2584234	CDS	-	<i>BPSL2153</i>	N	C	T
Bp Chr I	2584262	CDS	-	<i>BPSL2153</i>	S	G	A
Bp Chr I	2585299	CDS	-	<i>BPSL2154</i>	S	G	A
Bp Chr I	2585641	CDS	-	<i>BPSL2154</i>	S	C	T
Bp Chr I	2585689	CDS	-	<i>BPSL2154</i>	S	A	G
Bp Chr I	2585741	CDS	-	<i>BPSL2154</i>	N	C	T
Bp Chr I	2585870	CDS	-	<i>BPSL2154</i>	N	G	C
Bp Chr I	2585935	CDS	-	<i>BPSL2154</i>	S	A	G
Bp Chr I	2585962	CDS	-	<i>BPSL2154</i>	S	A	G
Bp Chr I	2586261	CDS	-	<i>BPSL2155</i>	S	C	T
Bp Chr I	2586449	CDS	-	<i>BPSL2155</i>	S	G	A
Bp Chr I	2586555	CDS	-	<i>BPSL2155</i>	S	G	T
Bp Chr I	2586564	CDS	-	<i>BPSL2155</i>	S	G	A
Bp Chr I	2586992	CDS	-	<i>BPSL2156</i>	S	A	G
Bp Chr I	2587235	CDS	-	<i>BPSL2156</i>	S	G	A
Bp Chr I	2587337	CDS	-	<i>BPSL2156</i>	S	G	A
Bp Chr I	2587463	Intergenic	.	-	-	T	C
Bp Chr I	2588334	Intergenic	.	-	-	T	C
Bp Chr I	2588359	Intergenic	.	-	-	C	A
Bp Chr I	2588516	CDS	-	<i>BPSL2158</i>	N	C	T
Bp Chr I	2588565	CDS	-	<i>BPSL2158</i>	S	C	G
Bp Chr I	2589015	CDS	-	<i>BPSL2158</i>	S	A	G
Bp Chr I	2589402	Intergenic	.	-	-	G	A
Bp Chr I	2589560	CDS	-	<i>BPSL2159</i>	S	G	C
Bp Chr I	2589596	CDS	-	<i>BPSL2159</i>	S	G	A
Bp Chr I	2589650	CDS	-	<i>BPSL2159</i>	S	G	A
Bp Chr I	2589797	CDS	-	<i>BPSL2159</i>	S	C	T
Bp Chr I	2589977	CDS	-	<i>BPSL2159</i>	S	G	A
Bp Chr I	2590124	CDS	-	<i>BPSL2159</i>	S	A	G
Bp Chr I	2590196	CDS	-	<i>BPSL2159</i>	S	C	G
Bp Chr I	2590365	Intergenic	.	-	-	G	A
Bp Chr I	2590371	Intergenic	.	-	-	G	A
Bp Chr I	2590443	Intergenic	.	-	-	G	T
Bp Chr I	2590610	Intergenic	.	-	-	G	A
Bp Chr I	2590830	CDS	+	<i>BPSL2160</i>	S	A	G
Bp Chr I	2590872	CDS	+	<i>BPSL2160</i>	S	C	T
Bp Chr I	2590896	CDS	+	<i>BPSL2160</i>	S	G	A
Bp Chr I	2590981	CDS	+	<i>BPSL2160</i>	S	C	T
Bp Chr I	2591025	CDS	+	<i>BPSL2160</i>	S	C	T
Bp Chr I	2591145	CDS	+	<i>BPSL2160</i>	S	C	T
Bp Chr I	2591278	CDS	+	<i>BPSL2160</i>	N	A	C

Bp Chr I	2591508	Intergenic	.	-	-	G	A
Bp Chr I	2591517	Intergenic	.	-	-	G	A
Bp Chr I	2591540	Intergenic	.	-	-	C	G
Bp Chr I	2592035	CDS	+	<i>BPSL2161</i>	N	G	A
Bp Chr I	2592054	CDS	+	<i>BPSL2161</i>	S	G	A
Bp Chr I	2592066	CDS	+	<i>BPSL2161</i>	S	G	C
Bp Chr I	2597251	CDS	-	<i>BPSL2164</i>	S	G	A
Bp Chr I	2597285	CDS	-	<i>BPSL2164</i>	N	C	G
Bp Chr I	2597301	CDS	-	<i>BPSL2164</i>	N	A	T
Bp Chr I	2597572	CDS	-	<i>BPSL2164</i>	S	T	C
Bp Chr I	2597762	CDS	-	<i>BPSL2164</i>	N	A	G
Bp Chr I	2598012	CDS	-	<i>BPSL2164</i>	S	G	A
Bp Chr I	2598112	CDS	-	<i>BPSL2164</i>	S	C	T
Bp Chr I	2598711	CDS	-	<i>BPSL2164</i>	N	G	A
Bp Chr I	2598883	Intergenic	.	-	-	G	T
Bp Chr I	2598940	Intergenic	.	-	-	C	G
Bp Chr I	2598964	Intergenic	.	-	-	A	G
Bp Chr I	2599048	Intergenic	.	-	-	C	G
Bp Chr I	2599074	Intergenic	.	-	-	C	G
Bp Chr I	2599253	CDS	-	<i>BPSL2165</i>	S	G	A
Bp Chr I	2599859	CDS	-	<i>BPSL2165</i>	N	G	C
Bp Chr I	2600003	CDS	-	<i>BPSL2165</i>	S	G	A
Bp Chr I	2600159	CDS	-	<i>BPSL2165</i>	S	G	A
Bp Chr I	2600265	CDS	-	<i>BPSL2165</i>	N	A	G
Bp Chr I	2600270	CDS	-	<i>BPSL2165</i>	S	G	A
Bp Chr I	2600278	CDS	-	<i>BPSL2165</i>	N	A	C
Bp Chr I	2600283	CDS	-	<i>BPSL2165</i>	N	G	A
Bp Chr I	2600307	CDS	-	<i>BPSL2165</i>	N	G	A
Bp Chr I	2600339	CDS	-	<i>BPSL2165</i>	S	G	A
Bp Chr I	2600360	CDS	-	<i>BPSL2165</i>	S	T	C
Bp Chr I	2600369	CDS	-	<i>BPSL2165</i>	S	C	T
Bp Chr I	2600477	CDS	-	<i>BPSL2165</i>	S	C	T
Bp Chr I	2600511	CDS	-	<i>BPSL2165</i>	N	A	C
Bp Chr I	2600708	CDS	-	<i>BPSL2166</i>	S	A	G
Bp Chr I	2600813	CDS	-	<i>BPSL2166</i>	S	C	T
Bp Chr I	2601187	CDS	-	<i>BPSL2166</i>	N	C	G
Bp Chr I	2601269	CDS	-	<i>BPSL2166</i>	S	C	T
Bp Chr I	2601601	CDS	-	<i>BPSL2166</i>	N	A	G
Bp Chr I	2601884	CDS	-	<i>BPSL2166</i>	S	G	A
Bp Chr I	2602138	CDS	-	<i>BPSL2166</i>	N	C	T
Bp Chr I	2602142	CDS	-	<i>BPSL2166</i>	S	A	G
Bp Chr I	2602409	CDS	-	<i>BPSL2166</i>	S	G	C
Bp Chr I	2602598	CDS	-	<i>BPSL2166</i>	S	C	T
Bp Chr I	2602613	CDS	-	<i>BPSL2166</i>	S	A	G
Bp Chr I	2602712	CDS	-	<i>BPSL2166</i>	S	G	A
Bp Chr I	2602774	CDS	-	<i>BPSL2166</i>	S	G	A
Bp Chr I	2602775	CDS	-	<i>BPSL2166</i>	S	T	C
Bp Chr I	2602979	CDS	-	<i>BPSL2166</i>	S	G	A
Bp Chr I	2603061	CDS	-	<i>BPSL2166</i>	N	A	G
Bp Chr I	2603150	CDS	-	<i>BPSL2166</i>	S	G	A

Bp Chr I	2603189	CDS	-	<i>BPSL2166</i>	S	G	A
Bp Chr I	2603804	CDS	-	<i>BPSL2166</i>	S	G	A
Bp Chr I	2603918	CDS	-	<i>BPSL2166</i>	S	G	A
Bp Chr I	2604002	CDS	-	<i>BPSL2166</i>	S	C	T
Bp Chr I	2604259	CDS	-	<i>BPSL2167</i>	N	T	C
Bp Chr I	2604274	CDS	-	<i>BPSL2167</i>	N	A	C
Bp Chr I	2604330	CDS	-	<i>BPSL2167</i>	S	G	A
Bp Chr I	2604444	CDS	-	<i>BPSL2167</i>	S	G	A
Bp Chr I	2604534	CDS	-	<i>BPSL2167</i>	S	G	A
Bp Chr I	2604599	CDS	-	<i>BPSL2167</i>	N	C	T
Bp Chr I	2604806	CDS	-	<i>BPSL2167</i>	N	G	A
Bp Chr I	2604853	CDS	-	<i>BPSL2167</i>	N	C	T
Bp Chr I	2605252	Intergenic	.	-	-	G	A
Bp Chr I	2605349	Intergenic	.	-	-	T	C
Bp Chr I	2605431	Intergenic	.	-	-	G	A
Bp Chr I	2605505	CDS	+	<i>BPSL2168</i>	S	G	A
Bp Chr I	2605588	CDS	+	<i>BPSL2168</i>	N	T	C
Bp Chr I	2606497	CDS	+	<i>BPSL2168</i>	N	A	C
Bp Chr I	2606670	CDS	+	<i>BPSL2168</i>	N	G	A
Bp Chr I	2606774	CDS	+	<i>BPSL2169</i>	N	G	A
Bp Chr I	2607487	CDS	+	<i>BPSL2169</i>	S	G	C
Bp Chr I	2607536	CDS	+	<i>BPSL2169</i>	N	G	A
Bp Chr I	2607708	CDS	+	<i>BPSL2170</i>	S	G	A
Bp Chr I	2607711	CDS	+	<i>BPSL2170</i>	S	G	A
Bp Chr I	2607819	CDS	+	<i>BPSL2170</i>	S	A	G
Bp Chr I	2608045	CDS	+	<i>BPSL2171</i>	S	G	A
Bp Chr I	2608046	CDS	+	<i>BPSL2171</i>	S	T	C
Bp Chr I	2608114	CDS	+	<i>BPSL2171</i>	S	C	T
Bp Chr I	2608262	CDS	+	<i>BPSL2171</i>	N	A	C
Bp Chr I	2608558	CDS	+	<i>BPSL2171</i>	S	C	G
Bp Chr I	2608577	CDS	+	<i>BPSL2171</i>	N	G	C
Bp Chr I	2608624	CDS	+	<i>BPSL2171</i>	S	C	T
Bp Chr I	2608699	CDS	+	<i>BPSL2171</i>	N	G	T
Bp Chr I	2608823	CDS	+	<i>BPSL2171</i>	N	G	A
Bp Chr I	2609213	CDS	+	<i>BPSL2172</i>	S	A	G
Bp Chr I	2609396	CDS	+	<i>BPSL2172</i>	S	G	A
Bp Chr I	2609444	CDS	+	<i>BPSL2172</i>	S	G	A
Bp Chr I	2609824	CDS	+	<i>BPSL2172</i>	N	C	T
Bp Chr I	2609884	CDS	+	<i>BPSL2172</i>	N	C	T
Bp Chr I	2610152	CDS	+	<i>BPSL2173</i>	S	T	C
Bp Chr I	2610159	CDS	+	<i>BPSL2173</i>	N	G	A
Bp Chr I	2610167	CDS	+	<i>BPSL2173</i>	S	C	T
Bp Chr I	2610174	CDS	+	<i>BPSL2173</i>	N	A	G
Bp Chr I	2610197	CDS	+	<i>BPSL2173</i>	S	C	T
Bp Chr I	2610212	CDS	+	<i>BPSL2173</i>	S	T	C
Bp Chr I	2610682	CDS	+	<i>BPSL2174</i>	S	G	T
Bp Chr I	2610970	CDS	+	<i>BPSL2174</i>	S	G	C
Bp Chr I	2611171	CDS	+	<i>BPSL2174</i>	S	C	A
Bp Chr I	2611639	CDS	+	<i>BPSL2174</i>	S	G	A
Bp Chr I	2611705	CDS	+	<i>BPSL2174</i>	S	C	T

Bp Chr I	2611787	Intergenic	.	-	-	C	G
Bp Chr I	2611819	Intergenic	.	-	-	A	G
Bp Chr I	2611828	Intergenic	.	-	-	G	A
Bp Chr I	2611848	Intergenic	.	-	-	C	G
Bp Chr I	2611947	CDS	-	<i>BPSL2175</i>	S	T	C
Bp Chr I	2612061	CDS	-	<i>BPSL2175</i>	S	A	G
Bp Chr I	2612223	CDS	-	<i>BPSL2175</i>	S	C	T
Bp Chr I	2612447	Intergenic	.	-	-	C	G
Bp Chr I	2612472	Intergenic	.	-	-	A	G
Bp Chr I	2612492	Intergenic	.	-	-	T	G
Bp Chr I	2612619	CDS	+	<i>BPSL2176</i>	S	G	C
Bp Chr I	2612634	CDS	+	<i>BPSL2176</i>	S	A	G
Bp Chr I	2612685	CDS	+	<i>BPSL2176</i>	S	A	G
Bp Chr I	2613082	CDS	+	<i>BPSL2176</i>	N	C	T
Bp Chr I	2613357	CDS	+	<i>BPSL2176</i>	S	G	A
Bp Chr I	2613387	CDS	+	<i>BPSL2176</i>	S	G	A
Bp Chr I	2613483	CDS	+	<i>BPSL2176</i>	S	A	G
Bp Chr I	2613540	CDS	+	<i>BPSL2176</i>	S	G	A
Bp Chr I	2613708	CDS	+	<i>BPSL2176</i>	S	G	A
Bp Chr I	2613927	CDS	+	<i>BPSL2176</i>	S	A	G
Bp Chr I	2614107	CDS	+	<i>BPSL2176</i>	S	A	G
Bp Chr I	2614136	CDS	+	<i>BPSL2176</i>	N	A	G
Bp Chr I	2614300	CDS	+	<i>BPSL2176</i>	N	G	A
Bp Chr I	2614319	CDS	+	<i>BPSL2176</i>	N	C	T
Bp Chr I	2614330	CDS	+	<i>BPSL2176</i>	N	A	G
Bp Chr I	2614344	CDS	+	<i>BPSL2176</i>	N	G	T
Bp Chr I	2614446	Intergenic	.	-	-	G	A
Bp Chr I	2614474	Intergenic	.	-	-	T	C
Bp Chr I	2614495	Intergenic	.	-	-	G	A
Bp Chr I	2614498	Intergenic	.	-	-	C	T
Bp Chr I	2614546	CDS	-	<i>BPSL2177</i>	S	C	G
Bp Chr I	2614591	CDS	-	<i>BPSL2177</i>	S	G	A
Bp Chr I	2614651	CDS	-	<i>BPSL2177</i>	S	A	G
Bp Chr I	2614687	CDS	-	<i>BPSL2177</i>	S	G	A
Bp Chr I	2614840	CDS	-	<i>BPSL2177</i>	S	G	A
Bp Chr I	2614918	Intergenic	.	-	-	A	G
Bp Chr I	2614937	Intergenic	.	-	-	A	G
Bp Chr I	2614945	Intergenic	.	-	-	C	T
Bp Chr I	2615339	CDS	-	<i>BPSL2178</i>	S	T	C
Bp Chr I	2615761	CDS	-	<i>BPSL2178</i>	N	C	T
Bp Chr I	2615969	CDS	-	<i>BPSL2178</i>	S	G	A
Bp Chr I	2616266	CDS	-	<i>BPSL2178</i>	S	A	C
Bp Chr I	2639716	CDS	+	<i>BPSL2198</i>	S	C	T
Bp Chr I	2640060	Intergenic	.	-	-	T	G
Bp Chr I	2640122	Intergenic	.	-	-	C	T
Bp Chr I	2640165	Intergenic	.	-	-	G	A
Bp Chr I	2640170	Intergenic	.	-	-	C	A
Bp Chr I	2640470	CDS	-	<i>BPSL2199</i>	S	T	C
Bp Chr I	2640518	CDS	-	<i>BPSL2199</i>	S	A	G
Bp Chr I	2640680	CDS	-	<i>BPSL2199</i>	S	T	C

Bp Chr I	2640730	CDS	-	<i>BPSL2199</i>	N	C	T
Bp Chr I	2670439	CDS	-	<i>BPSL2225</i>	S	A	G
Bp Chr I	2670490	CDS	-	<i>BPSL2225</i>	N	C	G
Bp Chr I	2670492	CDS	-	<i>BPSL2225</i>	N	A	G
Bp Chr I	2670542	CDS	-	<i>BPSL2225</i>	S	A	G
Bp Chr I	2670897	CDS	-	<i>BPSL2226</i>	S	G	A
Bp Chr I	2684819	CDS	-	<i>BPSL2231</i>	N	G	A
Bp Chr I	2684935	CDS	-	<i>BPSL2231</i>	S	G	A
Bp Chr I	2685163	CDS	-	<i>BPSL2231</i>	S	G	A
Bp Chr I	2685369	CDS	-	<i>BPSL2231</i>	N	C	T
Bp Chr I	2685459	Intergenic	.	-	-	T	A
Bp Chr I	2685467	Intergenic	.	-	-	G	A
Bp Chr I	2685485	Intergenic	.	-	-	C	T
Bp Chr I	2685563	CDS	-	<i>BPSL2232</i>	S	G	A
Bp Chr I	2685590	CDS	-	<i>BPSL2232</i>	S	G	A
Bp Chr I	2685605	CDS	-	<i>BPSL2232</i>	S	C	T
Bp Chr I	2685670	CDS	-	<i>BPSL2232</i>	N	T	C
Bp Chr I	2685741	CDS	-	<i>BPSL2232</i>	N	T	C
Bp Chr I	2686178	CDS	-	<i>BPSL2232</i>	S	C	T
Bp Chr I	2686187	CDS	-	<i>BPSL2232</i>	S	C	A
Bp Chr I	2686318	CDS	-	<i>BPSL2232</i>	N	T	C
Bp Chr I	2686331	CDS	-	<i>BPSL2232</i>	S	C	G
Bp Chr I	2686367	CDS	-	<i>BPSL2232</i>	S	T	C
Bp Chr I	2686511	CDS	-	<i>BPSL2232</i>	S	G	A
Bp Chr I	2686565	CDS	-	<i>BPSL2232</i>	S	T	C
Bp Chr I	2686568	CDS	-	<i>BPSL2232</i>	S	A	G
Bp Chr I	2687000	CDS	-	<i>BPSL2232</i>	S	G	A
Bp Chr I	2687081	CDS	-	<i>BPSL2232</i>	S	T	C
Bp Chr I	2687180	CDS	-	<i>BPSL2232</i>	S	C	T
Bp Chr I	2687194	CDS	-	<i>BPSL2232</i>	N	C	T
Bp Chr I	2687384	CDS	-	<i>BPSL2232</i>	S	C	T
Bp Chr I	2687424	CDS	-	<i>BPSL2233</i>	N	C	T
Bp Chr I	2687863	CDS	-	<i>BPSL2233</i>	S	G	A
Bp Chr I	2694508	CDS	+	<i>BPSL2235</i>	N	C	T
Bp Chr I	2694705	CDS	+	<i>BPSL2235</i>	S	G	A
Bp Chr I	2694711	CDS	+	<i>BPSL2235</i>	S	G	A
Bp Chr I	2694767	Intergenic	.	-	-	G	A
Bp Chr I	2694863	CDS	+	<i>BPSL2236</i>	S	G	A
Bp Chr I	2694941	CDS	+	<i>BPSL2236</i>	S	C	T
Bp Chr I	2695072	CDS	+	<i>BPSL2236</i>	N	C	T
Bp Chr I	2695205	CDS	+	<i>BPSL2236</i>	S	G	A
Bp Chr I	2695259	CDS	+	<i>BPSL2236</i>	S	A	G
Bp Chr I	2695339	CDS	+	<i>BPSL2236</i>	N	T	G
Bp Chr I	2695358	CDS	+	<i>BPSL2236</i>	S	C	T
Bp Chr I	2695688	CDS	+	<i>BPSL2236</i>	S	G	A
Bp Chr I	2695721	CDS	+	<i>BPSL2236</i>	S	G	A
Bp Chr I	2695879	CDS	+	<i>BPSL2236</i>	N	C	T
Bp Chr I	2696018	Intergenic	.	-	-	G	A
Bp Chr I	2696100	CDS	-	<i>BPSL2237</i>	N	G	T
Bp Chr I	2696321	CDS	-	<i>BPSL2237</i>	S	C	T

Bp Chr I	2696345	CDS	-	BPSL2237	S	A	G
Bp Chr I	2696350	CDS	-	BPSL2237	N	G	A
Bp Chr I	2696536	CDS	-	BPSL2237	N	A	C
Bp Chr I	2696635	CDS	-	BPSL2237	N	C	T
Bp Chr I	2696657	CDS	-	BPSL2237	S	G	A
Bp Chr I	2696753	CDS	-	BPSL2237	S	T	C
Bp Chr I	2696762	CDS	-	BPSL2237	S	T	C
Bp Chr I	2696893	CDS	-	BPSL2237	N	C	T
Bp Chr I	2696904	CDS	-	BPSL2237	N	C	T
Bp Chr I	2696973	CDS	-	BPSL2237	N	A	C
Bp Chr I	2697008	CDS	-	BPSL2237	S	T	C
Bp Chr I	2697026	CDS	-	BPSL2237	S	T	C
Bp Chr I	2697066	CDS	-	BPSL2237	N	T	C
Bp Chr I	2697073	CDS	-	BPSL2237	N	T	C
Bp Chr I	2697097	CDS	-	BPSL2237	N	C	T
Bp Chr I	2697338	CDS	-	BPSL2237	S	G	A
Bp Chr I	2697416	CDS	-	BPSL2237	S	G	A,T
Bp Chr I	2697431	CDS	-	BPSL2237	S	C	A
Bp Chr I	2697552	CDS	-	BPSL2237	N	G	A
Bp Chr I	2697557	CDS	-	BPSL2237	S	C	G
Bp Chr I	2697569	CDS	-	BPSL2237	S	G	A
Bp Chr I	2697935	Intergenic	.	-	-	T	C
Bp Chr I	2698099	CDS	-	BPSL2238	N	A	T
Bp Chr I	2698107	CDS	-	BPSL2238	S	C	T
Bp Chr I	2698299	CDS	-	BPSL2238	S	A	G
Bp Chr I	2698376	CDS	-	BPSL2238	N	G	A
Bp Chr I	2698396	CDS	-	BPSL2238	N	T	A
Bp Chr I	2698410	CDS	-	BPSL2238	S	G	T
Bp Chr I	2698635	CDS	-	BPSL2238	S	A	G
Bp Chr I	2698640	CDS	-	BPSL2238	N	C	A
Bp Chr I	2698771	CDS	-	BPSL2238	N	T	C
Bp Chr I	2698779	CDS	-	BPSL2238	S	C	A
Bp Chr I	2698781	CDS	-	BPSL2238	N	A	G
Bp Chr I	2698892	CDS	-	BPSL2238	N	C	T
Bp Chr I	2699084	CDS	-	BPSL2238	N	C	A
Bp Chr I	2699107	CDS	-	BPSL2238	N	C	G
Bp Chr I	2699235	Intergenic	.	-	-	G	A
Bp Chr I	2699236	Intergenic	.	-	-	G	A
Bp Chr I	2699249	Intergenic	.	-	-	C	T
Bp Chr I	2699265	Intergenic	.	-	-	A	C
Bp Chr I	2699316	Intergenic	.	-	-	C	G
Bp Chr I	2699394	Intergenic	.	-	-	C	T
Bp Chr I	2699401	Intergenic	.	-	-	C	G
Bp Chr I	2699426	Intergenic	.	-	-	A	G
Bp Chr I	2699430	Intergenic	.	-	-	G	A
Bp Chr I	2699441	Intergenic	.	-	-	G	T
Bp Chr I	2699657	Intergenic	.	-	-	T	A,C
Bp Chr I	2699659	Intergenic	.	-	-	G	A
Bp Chr I	2699790	Intergenic	.	-	-	G	A
Bp Chr I	2699808	Intergenic	.	-	-	T	G

Bp Chr I	2699819	Intergenic	.	-	-	T	C
Bp Chr I	2699893	Intergenic	.	-	-	C	T
Bp Chr I	2699900	Intergenic	.	-	-	C	T
Bp Chr I	2699936	Intergenic	.	-	-	G	A
Bp Chr I	2700101	Intergenic	.	-	-	G	A
Bp Chr I	2700121	Intergenic	.	-	-	G	A
Bp Chr I	2700152	Intergenic	.	-	-	A	G
Bp Chr I	2700320	Intergenic	.	-	-	A	C
Bp Chr I	2700432	CDS	-	BPSL2239	S	C	T
Bp Chr I	2700504	CDS	-	BPSL2239	S	G	A
Bp Chr I	2701266	CDS	-	BPSL2239	S	G	A
Bp Chr I	2701280	CDS	-	BPSL2239	N	G	A
Bp Chr I	2701566	CDS	-	BPSL2239	S	A	G
Bp Chr I	2701858	Intergenic	.	-	-	C	T
Bp Chr I	2701865	Intergenic	.	-	-	C	T
Bp Chr I	2701921	Intergenic	.	-	-	G	C
Bp Chr I	2701976	Intergenic	.	-	-	T	C
Bp Chr I	2702005	CDS	-	BPSL2240	S	C	T
Bp Chr I	2702190	CDS	-	BPSL2240	N	G	A
Bp Chr I	2702302	CDS	-	BPSL2240	S	A	G
Bp Chr I	2702323	CDS	-	BPSL2240	S	A	G
Bp Chr I	2702325	CDS	-	BPSL2240	N	G	A
Bp Chr I	2702347	CDS	-	BPSL2240	S	G	A
Bp Chr I	2702412	CDS	-	BPSL2240	N	C	T
Bp Chr I	2702664	CDS	-	BPSL2240	N	G	A
Bp Chr I	2702859	CDS	-	BPSL2240	N	C	T
Bp Chr I	2702963	CDS	-	BPSL2240	N	G	A
Bp Chr I	2703033	CDS	-	BPSL2240	S	A	G
Bp Chr I	2703085	CDS	-	BPSL2240	S	T	C
Bp Chr I	2703160	CDS	-	BPSL2240	S	G	A
Bp Chr I	2703352	CDS	-	BPSL2240	S	G	A
Bp Chr I	2703608	CDS	-	BPSL2241	S	G	A
Bp Chr I	2703695	CDS	-	BPSL2241	S	G	T
Bp Chr I	2703842	CDS	-	BPSL2241	S	C	T
Bp Chr I	2703923	CDS	-	BPSL2241	S	A	T
Bp Chr I	2703925	CDS	-	BPSL2241	N	G	A
Bp Chr I	2703992	CDS	-	BPSL2241	S	A	G
Bp Chr I	2704058	CDS	-	BPSL2241	S	G	A
Bp Chr I	2704277	CDS	-	BPSL2241	S	C	G
Bp Chr I	2704483	Intergenic	.	-	-	T	A
Bp Chr I	2704525	Intergenic	.	-	-	G	A
Bp Chr I	2704547	Intergenic	.	-	-	G	A
Bp Chr I	2704570	Intergenic	.	-	-	A	G
Bp Chr I	2704992	CDS	-	BPSL2242	S	C	T
Bp Chr I	2705254	CDS	-	BPSL2242	N	G	A
Bp Chr I	2705330	CDS	-	BPSL2242	N	G	C
Bp Chr I	2705481	CDS	-	BPSL2242	S	C	T
Bp Chr I	2706260	CDS	-	BPSL2243	S	G	C
Bp Chr I	2706284	CDS	-	BPSL2243	S	T	C
Bp Chr I	2706473	CDS	-	BPSL2243	S	T	C

Bp Chr I	2706719	CDS	-	BPSL2243	S	G	A
Bp Chr I	2707492	CDS	+	BPSL2244	S	G	A
Bp Chr I	2707574	CDS	+	BPSL2244	N	G	C
Bp Chr I	2707708	CDS	+	BPSL2244	S	A	G
Bp Chr I	2707801	CDS	+	BPSL2244	S	A	G
Bp Chr I	2707926	Intergenic	.	-	-	C	T
Bp Chr I	2707980	CDS	+	BPSL2245	N	G	T
Bp Chr I	2708100	CDS	+	BPSL2245	S	G	T
Bp Chr I	2708480	CDS	+	BPSL2245	N	C	A
Bp Chr I	2708481	CDS	+	BPSL2245	S	G	A
Bp Chr I	2708554	Intergenic	.	-	-	C	T
Bp Chr I	2708570	Intergenic	.	-	-	C	T
Bp Chr I	2708593	Intergenic	.	-	-	T	C
Bp Chr I	2708624	CDS	+	BPSL2246	N	G	A
Bp Chr I	2708706	CDS	+	BPSL2246	N	A	G
Bp Chr I	2708858	CDS	+	BPSL2246	S	T	C
Bp Chr I	2708966	CDS	+	BPSL2246	S	G	A
Bp Chr I	2708969	CDS	+	BPSL2246	S	A	G
Bp Chr I	2708981	CDS	+	BPSL2246	S	C	T
Bp Chr I	2709044	CDS	+	BPSL2246	S	G	A
Bp Chr I	2709593	CDS	+	BPSL2247	S	G	A
Bp Chr I	2709794	CDS	+	BPSL2247	S	C	T
Bp Chr I	2709929	CDS	+	BPSL2247	S	G	C
Bp Chr I	2709946	Intergenic	.	-	-	G	A
Bp Chr I	2709953	Intergenic	.	-	-	C	T
Bp Chr I	2714962	Intergenic	.	-	-	G	A
Bp Chr I	2715297	CDS	+	BPSL2252	S	G	A
Bp Chr I	2715378	CDS	+	BPSL2252	S	G	A
Bp Chr I	2715438	CDS	+	BPSL2252	S	A	G
Bp Chr I	2715484	CDS	+	BPSL2252	N	A	G
Bp Chr I	2715504	CDS	+	BPSL2252	S	G	A
Bp Chr I	2715714	CDS	+	BPSL2252	S	C	T
Bp Chr I	2718545	CDS	+	BPSL2253	N	G	A
Bp Chr I	2718897	CDS	+	BPSL2253	N	T	C
Bp Chr I	2719112	CDS	-	BPSL2254	S	T	C
Bp Chr I	2719957	CDS	+	BPSL2255	N	C	T
Bp Chr I	2719996	CDS	+	BPSL2255	N	G	C
Bp Chr I	2720004	CDS	+	BPSL2255	S	G	A
Bp Chr I	2720145	CDS	+	BPSL2255	S	C	T
Bp Chr I	2720398	CDS	+	BPSL2255	S	C	T
Bp Chr I	2720428	CDS	+	BPSL2255	N	G	A
Bp Chr I	2720436	CDS	+	BPSL2255	N	G	C
Bp Chr I	2720437	CDS	+	BPSL2255	N	A	G
Bp Chr I	2720545	CDS	+	BPSL2255	N	G	A
Bp Chr I	2720621	CDS	+	BPSL2255	N	G	C
Bp Chr I	2720640	CDS	+	BPSL2255	S	A	G
Bp Chr I	2720643	CDS	+	BPSL2255	S	C	T
Bp Chr I	2720916	Intergenic	.	-	-	T	C
Bp Chr I	2721279	CDS	+	BPSL2255A	S	T	C
Bp Chr I	2721325	CDS	+	BPSL2255A	N	G	A

Bp Chr I	2721385	Intergenic	.	-	-	A	G
Bp Chr I	2721506	Intergenic	.	-	-	C	G
Bp Chr I	2721606	Intergenic	.	-	-	G	C
Bp Chr I	2721898	CDS	-	BPSL2256	S	C	G
Bp Chr I	2722055	CDS	-	BPSL2256	N	C	T
Bp Chr I	2722204	CDS	-	BPSL2256	S	G	A
Bp Chr I	2722355	CDS	-	BPSL2256	N	G	C
Bp Chr I	2722628	CDS	-	BPSL2257	S	A	G
Bp Chr I	2722706	CDS	-	BPSL2257	S	C	G
Bp Chr I	2722748	CDS	-	BPSL2257	S	G	A
Bp Chr I	2722778	CDS	-	BPSL2257	S	T	C
Bp Chr I	2722811	CDS	-	BPSL2257	S	C	T
Bp Chr I	2722880	CDS	-	BPSL2257	S	C	A
Bp Chr I	2723057	CDS	-	BPSL2257	S	A	G
Bp Chr I	2723620	Intergenic	.	-	-	G	A
Bp Chr I	2723647	Intergenic	.	-	-	A	C
Bp Chr I	2723794	CDS	-	BPSL2258	S	A	G
Bp Chr I	2723842	CDS	-	BPSL2258	S	C	T
Bp Chr I	2723863	CDS	-	BPSL2258	S	A	G
Bp Chr I	2724046	CDS	-	BPSL2258	S	C	T
Bp Chr I	2724103	CDS	-	BPSL2258	S	G	A
Bp Chr I	2724154	CDS	-	BPSL2258	S	C	T
Bp Chr I	2724268	CDS	-	BPSL2258	S	C	T
Bp Chr I	2724406	CDS	-	BPSL2258	S	C	T
Bp Chr I	2724703	CDS	-	BPSL2259	N	G	A
Bp Chr I	2724744	CDS	-	BPSL2259	S	C	T
Bp Chr I	2724745	CDS	-	BPSL2259	N	A	G
Bp Chr I	2724890	CDS	-	BPSL2259	N	G	A
Bp Chr I	2724912	CDS	-	BPSL2259	S	C	T
Bp Chr I	2724948	CDS	-	BPSL2259	S	C	T
Bp Chr I	2725008	CDS	-	BPSL2259	S	T	C
Bp Chr I	2725014	CDS	-	BPSL2259	S	C	T
Bp Chr I	2725112	CDS	-	BPSL2259	N	C	T
Bp Chr I	2725186	CDS	-	BPSL2259	N	A	G
Bp Chr I	2725838	CDS	-	BPSL2260	S	T	C
Bp Chr I	2725841	CDS	-	BPSL2260	S	G	A
Bp Chr I	2726246	CDS	-	BPSL2260	S	G	A
Bp Chr I	2726466	CDS	-	BPSL2261	N	C	A
Bp Chr I	2726569	CDS	-	BPSL2261	S	T	C
Bp Chr I	2726602	CDS	-	BPSL2261	S	C	T
Bp Chr I	2726676	CDS	-	BPSL2261	N	C	T
Bp Chr I	2726792	CDS	-	BPSL2261	N	A	G
Bp Chr I	2726848	CDS	-	BPSL2261	S	A	G
Bp Chr I	2726944	CDS	-	BPSL2261	S	G	A
Bp Chr I	2727001	CDS	-	BPSL2261	S	A	G
Bp Chr I	2727182	Intergenic	.	-	-	G	A
Bp Chr I	2728027	CDS	-	BPSL2263	S	A	G
Bp Chr I	2733132	Intergenic	.	-	-	C	T
Bp Chr I	2733184	Intergenic	.	-	-	T	G
Bp Chr I	2734094	CDS	-	BPSL2270	S	C	T

Bp Chr I	2734202	CDS	-	BPSL2270	S	G	A
Bp Chr I	2734295	CDS	-	BPSL2270	S	G	T
Bp Chr I	2734793	CDS	-	BPSL2270	S	A	G
Bp Chr I	2734949	CDS	-	BPSL2270	S	A	G
Bp Chr I	2735256	CDS	-	BPSL2271	S	G	A
Bp Chr I	2735337	CDS	-	BPSL2271	S	G	C
Bp Chr I	2735733	CDS	-	BPSL2271	S	G	A
Bp Chr I	2736296	CDS	-	BPSL2272	S	G	A
Bp Chr I	2736542	CDS	-	BPSL2272	S	G	A
Bp Chr I	2736722	CDS	-	BPSL2272	S	G	A
Bp Chr I	2736878	CDS	-	BPSL2272	S	C	T
Bp Chr I	2737723	Intergenic	.	-	-	G	C
Bp Chr I	2737725	Intergenic	.	-	-	C	A
Bp Chr I	2737784	Intergenic	.	-	-	T	C
Bp Chr I	2737832	Intergenic	.	-	-	T	C
Bp Chr I	2737887	Intergenic	.	-	-	C	T
Bp Chr I	2737946	CDS	-	BPSL2273	N	G	A
Bp Chr I	2738013	CDS	-	BPSL2273	S	G	A
Bp Chr I	2738064	CDS	-	BPSL2273	S	T	C
Bp Chr I	2738113	CDS	-	BPSL2273	N	T	C
Bp Chr I	2738271	CDS	-	BPSL2273	S	G	A
Bp Chr I	2738535	CDS	-	BPSL2273	S	A	G
Bp Chr I	2738552	CDS	-	BPSL2273	S	G	A
Bp Chr I	2738556	CDS	-	BPSL2273	S	T	C
Bp Chr I	2738640	CDS	-	BPSL2273	S	C	A
Bp Chr I	2738643	CDS	-	BPSL2273	S	G	C
Bp Chr I	2738883	CDS	-	BPSL2274	S	G	C
Bp Chr I	2754069	CDS	-	BPSL2285	S	A	G
Bp Chr I	2754154	CDS	-	BPSL2285	S	G	A
Bp Chr I	2754245	CDS	-	BPSL2285	N	T	C
Bp Chr I	2754775	CDS	-	BPSL2286	S	A	G
Bp Chr I	2755038	CDS	-	BPSL2286	N	T	G
Bp Chr I	2755057	CDS	-	BPSL2286	S	C	G
Bp Chr I	2755340	CDS	-	BPSL2287	S	C	T
Bp Chr I	2755573	CDS	-	BPSL2287	N	C	T
Bp Chr I	2755700	Intergenic	.	-	-	A	C
Bp Chr I	2755973	CDS	-	BPSL2288	N	C	T
Bp Chr I	2756064	CDS	-	BPSL2288	S	G	A
Bp Chr I	2756144	Intergenic	.	-	-	C	T
Bp Chr I	2756420	CDS	-	BPSL2289	S	G	A
Bp Chr I	2756459	CDS	-	BPSL2289	S	T	C
Bp Chr I	2756707	CDS	-	BPSL2289	N	T	C
Bp Chr I	2756951	CDS	-	BPSL2289	S	C	G
Bp Chr I	2756981	CDS	-	BPSL2289	S	C	T
Bp Chr I	2757001	CDS	-	BPSL2289	N	C	T
Bp Chr I	2757158	CDS	-	BPSL2289	S	G	A
Bp Chr I	2757526	CDS	-	BPSL2290	S	C	G
Bp Chr I	2758308	CDS	-	BPSL2291	S	G	A
Bp Chr I	2758506	CDS	-	BPSL2291	S	A	G
Bp Chr I	2758554	CDS	-	BPSL2291	S	A	G

Bp Chr I	2758700	CDS	-	BPSL2292	N	T	C
Bp Chr I	2758718	CDS	-	BPSL2292	N	T	C
Bp Chr I	2758750	CDS	-	BPSL2292	S	A	G
Bp Chr I	2758858	CDS	-	BPSL2292	S	A	G
Bp Chr I	2758985	Intergenic	.	-	-	T	C
Bp Chr I	2759158	CDS	-	BPSL2293	N	C	A
Bp Chr I	2759218	CDS	-	BPSL2293	N	C	G
Bp Chr I	2759313	CDS	-	BPSL2293	S	G	A
Bp Chr I	2759494	CDS	-	BPSL2293	N	G	T
Bp Chr I	2759502	CDS	-	BPSL2293	S	G	A
Bp Chr I	2759793	CDS	-	BPSL2293	S	C	T
Bp Chr I	2759888	CDS	-	BPSL2293	N	C	A
Bp Chr I	2760300	CDS	-	BPSL2293	N	C	T
Bp Chr I	2760321	CDS	-	BPSL2293	S	C	A
Bp Chr I	2760375	CDS	-	BPSL2293	S	G	A
Bp Chr I	2760380	CDS	-	BPSL2293	N	T	G
Bp Chr I	2760471	CDS	-	BPSL2293	S	A	G
Bp Chr I	2760606	Intergenic	.	-	-	G	C
Bp Chr I	2760734	CDS	-	BPSL2294	S	G	A
Bp Chr I	2760741	CDS	-	BPSL2294	S	A	G
Bp Chr I	2760990	CDS	-	BPSL2294	S	T	C
Bp Chr I	2760997	CDS	-	BPSL2294	N	G	C
Bp Chr I	2761007	CDS	-	BPSL2294	N	C	T
Bp Chr I	2761017	CDS	-	BPSL2294	S	A	G
Bp Chr I	2761233	CDS	-	BPSL2294	S	C	T
Bp Chr I	2761362	CDS	-	BPSL2294	S	A	G
Bp Chr I	2761660	CDS	+	BPSL2295	S	G	A
Bp Chr I	2761885	CDS	+	BPSL2295	S	A	G
Bp Chr I	2764434	CDS	-	BPSL2297	S	T	C
Bp Chr I	2770293	CDS	-	BPSL2300	S	G	A
Bp Chr I	2770348	CDS	-	BPSL2300	N	G	A
Bp Chr I	2770365	CDS	-	BPSL2300	S	G	A
Bp Chr I	2770525	Intergenic	.	-	-	A	T
Bp Chr I	2770544	Intergenic	.	-	-	G	A
Bp Chr I	2770596	CDS	-	BPSL2301	S	C	T
Bp Chr I	2771085	CDS	-	BPSL2301	S	C	T
Bp Chr I	2771187	CDS	-	BPSL2301	S	A	G
Bp Chr I	2771418	CDS	-	BPSL2301	S	G	A
Bp Chr I	2771664	CDS	-	BPSL2301	S	G	A
Bp Chr I	2771673	CDS	-	BPSL2301	S	T	C
Bp Chr I	2771802	CDS	-	BPSL2301	S	C	T
Bp Chr I	2772012	CDS	-	BPSL2301	S	C	T
Bp Chr I	2772024	CDS	-	BPSL2301	S	G	A
Bp Chr I	2772084	CDS	-	BPSL2301	S	A	G
Bp Chr I	2772267	CDS	-	BPSL2301	S	G	A
Bp Chr I	2772357	CDS	-	BPSL2301	S	G	A
Bp Chr I	2772717	CDS	-	BPSL2301	S	C	T
Bp Chr I	2772798	CDS	-	BPSL2301	S	G	A
Bp Chr I	2772816	CDS	-	BPSL2301	S	A	G
Bp Chr I	2773089	CDS	-	BPSL2301	S	G	A

Bp Chr I	2773341	Intergenic	.	-	-	C	T
Bp Chr I	2773365	Intergenic	.	-	-	G	A
Bp Chr I	2773367	Intergenic	.	-	-	C	G
Bp Chr I	2773403	Intergenic	.	-	-	C	A
Bp Chr I	2773412	Intergenic	.	-	-	T	C
Bp Chr I	2773445	Intergenic	.	-	-	C	T
Bp Chr I	2773454	Intergenic	.	-	-	T	C
Bp Chr I	2774077	CDS	+	<i>BPSL2302</i>	S	T	C
Bp Chr I	2774841	CDS	+	<i>BPSL2302</i>	N	C	A
Bp Chr I	2774858	CDS	+	<i>BPSL2302</i>	N	G	A
Bp Chr I	2775073	CDS	+	<i>BPSL2302</i>	S	C	T
Bp Chr I	2775488	CDS	+	<i>BPSL2302</i>	N	T	C
Bp Chr I	2776069	CDS	+	<i>BPSL2303</i>	2	C	T
Bp Chr I	2776092	CDS	+	<i>BPSL2303</i>	S	C	T
Bp Chr I	2776705	Intergenic	.	-	-	T	C
Bp Chr I	2776801	Intergenic	.	-	-	T	C
Bp Chr I	2776855	Intergenic	.	-	-	C	T
Bp Chr I	2777094	CDS	+	<i>BPSL2304</i>	N	G	A
Bp Chr I	2777179	CDS	+	<i>BPSL2304</i>	S	C	T
Bp Chr I	2777383	CDS	+	<i>BPSL2304</i>	S	C	T
Bp Chr I	2777601	CDS	+	<i>BPSL2304</i>	N	C	T
Bp Chr I	2785691	Intergenic	.	-	-	G	A
Bp Chr I	2785833	Intergenic	.	-	-	T	C
Bp Chr I	2786255	CDS	+	<i>BPSL2309</i>	S	G	A
Bp Chr I	2786285	CDS	+	<i>BPSL2309</i>	S	A	G
Bp Chr I	2786347	CDS	+	<i>BPSL2309</i>	N	A	C
Bp Chr I	2786471	CDS	+	<i>BPSL2309</i>	S	G	A
Bp Chr I	2786844	CDS	+	<i>BPSL2309</i>	N	A	C
Bp Chr I	2786883	CDS	+	<i>BPSL2309</i>	N	T	C
Bp Chr I	2786895	CDS	+	<i>BPSL2309</i>	N	G	A
Bp Chr I	2786946	CDS	+	<i>BPSL2309</i>	N	A	C
Bp Chr I	2787809	CDS	+	<i>BPSL2309</i>	S	C	T
Bp Chr I	2788829	CDS	+	<i>BPSL2309</i>	S	A	G
Bp Chr I	2789013	CDS	+	<i>BPSL2309</i>	S	C	T
Bp Chr I	2789722	CDS	+	<i>BPSL2310</i>	S	C	A
Bp Chr I	2789932	CDS	+	<i>BPSL2310</i>	S	C	T
Bp Chr I	2790199	CDS	+	<i>BPSL2310</i>	S	A	G
Bp Chr I	2802390	CDS	-	<i>BPSL2320</i>	S	A	C
Bp Chr I	2802396	CDS	-	<i>BPSL2320</i>	S	C	T
Bp Chr I	2802456	CDS	-	<i>BPSL2320</i>	S	A	G
Bp Chr I	2802524	CDS	-	<i>BPSL2320</i>	N	A	C
Bp Chr I	2802807	CDS	-	<i>BPSL2320</i>	S	G	A
Bp Chr I	2803105	CDS	-	<i>BPSL2321</i>	N	G	A
Bp Chr I	2803148	CDS	-	<i>BPSL2321</i>	S	G	A
Bp Chr I	2803792	Intergenic	.	-	-	C	T
Bp Chr I	2803804	Intergenic	.	-	-	A	G
Bp Chr I	2803820	Intergenic	.	-	-	G	A
Bp Chr I	2803824	Intergenic	.	-	-	C	G
Bp Chr I	2803835	Intergenic	.	-	-	C	T
Bp Chr I	2858420	CDS	+	<i>BPSL2364</i>	N	C	T

Bp Chr I	2858448	CDS	+	<i>BPSL2364</i>	S	C	T
Bp Chr I	2858453	CDS	+	<i>BPSL2364</i>	N	T	C
Bp Chr I	2858491	CDS	+	<i>BPSL2364</i>	N	C	T
Bp Chr I	2858533	CDS	+	<i>BPSL2364</i>	N	G	A
Bp Chr I	2858564	CDS	-	<i>BPSL2365</i>	N	T	C
Bp Chr I	2858845	CDS	-	<i>BPSL2365</i>	S	T	C
Bp Chr I	2859159	CDS	-	<i>BPSL2365</i>	N	G	A
Bp Chr I	2859183	CDS	-	<i>BPSL2365</i>	S	G	A
Bp Chr I	2859443	CDS	-	<i>BPSL2366</i>	N	T	C
Bp Chr I	2859594	CDS	-	<i>BPSL2366</i>	S	T	C
Bp Chr I	2859608	CDS	-	<i>BPSL2366</i>	N	T	C
Bp Chr I	2859753	CDS	-	<i>BPSL2366</i>	S	A	G
Bp Chr I	2859949	CDS	-	<i>BPSL2366</i>	N	G	T
Bp Chr I	2860442	CDS	-	<i>BPSL2366</i>	S	A	G
Bp Chr I	2860443	CDS	-	<i>BPSL2366</i>	S	A	G
Bp Chr I	2860465	CDS	-	<i>BPSL2366</i>	N	T	C
Bp Chr I	2860671	CDS	-	<i>BPSL2366</i>	N	A	T
Bp Chr I	2860707	Intergenic	.	-	-	G	A
Bp Chr I	2860742	Intergenic	.	-	-	G	A
Bp Chr I	2860873	CDS	-	<i>BPSL2367</i>	S	A	G
Bp Chr I	2861080	CDS	-	<i>BPSL2367</i>	S	T	C
Bp Chr I	2861230	CDS	-	<i>BPSL2367</i>	S	G	A
Bp Chr I	2861399	CDS	-	<i>BPSL2367</i>	N	G	T
Bp Chr I	2861629	CDS	-	<i>BPSL2367</i>	S	G	A
Bp Chr I	2861785	CDS	-	<i>BPSL2367</i>	S	A	G
Bp Chr I	2861931	CDS	-	<i>BPSL2367</i>	N	C	T
Bp Chr I	2861976	CDS	-	<i>BPSL2367</i>	N	C	T
Bp Chr I	2862088	CDS	-	<i>BPSL2367</i>	S	G	A
Bp Chr I	2862128	CDS	-	<i>BPSL2367</i>	N	T	C
Bp Chr I	2862217	CDS	-	<i>BPSL2367</i>	S	A	G
Bp Chr I	2862365	CDS	-	<i>BPSL2367</i>	N	A	G
Bp Chr I	2862396	CDS	-	<i>BPSL2367</i>	N	C	T
Bp Chr I	2862402	CDS	-	<i>BPSL2367</i>	N	T	C
Bp Chr I	2862528	CDS	-	<i>BPSL2367</i>	N	C	T
Bp Chr I	2862568	CDS	-	<i>BPSL2367</i>	S	C	T
Bp Chr I	2862921	Intergenic	.	-	-	T	G
Bp Chr I	2862954	Intergenic	.	-	-	A	G
Bp Chr I	2863001	Intergenic	.	-	-	T	C
Bp Chr I	2863015	Intergenic	.	-	-	T	G
Bp Chr I	2863055	Intergenic	.	-	-	C	A
Bp Chr I	2863107	Intergenic	.	-	-	A	G
Bp Chr I	2863122	Intergenic	.	-	-	T	C
Bp Chr I	2863263	Intergenic	.	-	-	T	C
Bp Chr I	2863272	Intergenic	.	-	-	C	T
Bp Chr I	2863352	CDS	+	<i>BPSL2368</i>	S	A	G
Bp Chr I	2863448	CDS	+	<i>BPSL2368</i>	S	C	T
Bp Chr I	2863466	CDS	+	<i>BPSL2368</i>	N	A	G
Bp Chr I	2863573	CDS	+	<i>BPSL2368</i>	N	T	C
Bp Chr I	2863616	CDS	+	<i>BPSL2368</i>	S	C	T
Bp Chr I	2863677	CDS	+	<i>BPSL2368</i>	S	T	C

Bp Chr I	2863686	CDS	+	<i>BPSL2368</i>	N	A	G
Bp Chr I	2863715	CDS	+	<i>BPSL2368</i>	S	C	T
Bp Chr I	2863895	CDS	+	<i>BPSL2368</i>	S	A	G
Bp Chr I	2864312	CDS	+	<i>BPSL2368</i>	S	T	C
Bp Chr I	2865871	CDS	+	<i>BPSL2369</i>	S	G	C
Bp Chr I	2866240	CDS	+	<i>BPSL2369</i>	S	G	A
Bp Chr I	2866275	CDS	+	<i>BPSL2369</i>	N	T	G
Bp Chr I	2866399	CDS	+	<i>BPSL2369</i>	S	G	A
Bp Chr I	2866479	CDS	+	<i>BPSL2370</i>	S	C	T
Bp Chr I	2866774	CDS	+	<i>BPSL2370</i>	N	G	A
Bp Chr I	2866859	CDS	+	<i>BPSL2370</i>	N	C	T
Bp Chr I	2866865	CDS	+	<i>BPSL2370</i>	N	C	T
Bp Chr I	2866945	CDS	+	<i>BPSL2370</i>	S	T	C
Bp Chr I	2866966	CDS	+	<i>BPSL2370</i>	N	C	T
Bp Chr I	2867114	CDS	+	<i>BPSL2370</i>	N	C	T
Bp Chr I	2867172	CDS	+	<i>BPSL2370</i>	S	G	A
Bp Chr I	2867190	CDS	+	<i>BPSL2370</i>	S	A	G
Bp Chr I	2867416	CDS	+	<i>BPSL2371</i>	S	C	T
Bp Chr I	2867452	CDS	+	<i>BPSL2371</i>	S	A	G
Bp Chr I	2867596	CDS	+	<i>BPSL2371</i>	S	T	C
Bp Chr I	2867611	CDS	+	<i>BPSL2371</i>	S	C	T
Bp Chr I	2867619	CDS	+	<i>BPSL2371</i>	N	G	A
Bp Chr I	2867664	CDS	+	<i>BPSL2371</i>	N	T	C
Bp Chr I	2867678	CDS	+	<i>BPSL2371</i>	N	G	A
Bp Chr I	2867890	CDS	+	<i>BPSL2371</i>	S	C	T
Bp Chr I	2868130	CDS	+	<i>BPSL2371</i>	S	G	A
Bp Chr I	2868277	CDS	+	<i>BPSL2371</i>	S	C	T
Bp Chr I	2868351	CDS	+	<i>BPSL2371</i>	N	G	A
Bp Chr I	2868412	CDS	+	<i>BPSL2371</i>	S	G	A
Bp Chr I	2868549	CDS	+	<i>BPSL2372</i>	N	T	C
Bp Chr I	2868646	CDS	+	<i>BPSL2372</i>	N	T	C
Bp Chr I	2868952	CDS	+	<i>BPSL2372</i>	N	T	G
Bp Chr I	2869127	CDS	+	<i>BPSL2372</i>	S	T	C
Bp Chr I	2869228	CDS	+	<i>BPSL2372</i>	N	T	C
Bp Chr I	2869464	CDS	+	<i>BPSL2372</i>	N	G	T
Bp Chr I	2869507	CDS	+	<i>BPSL2372</i>	N	G	C
Bp Chr I	2869738	CDS	+	<i>BPSL2373</i>	S	C	T
Bp Chr I	2869963	CDS	+	<i>BPSL2373</i>	S	C	T
Bp Chr I	2869993	CDS	+	<i>BPSL2373</i>	S	G	C
Bp Chr I	2870012	CDS	+	<i>BPSL2373</i>	N	C	T
Bp Chr I	2870088	CDS	+	<i>BPSL2373</i>	N	G	A
Bp Chr I	2870161	CDS	+	<i>BPSL2373</i>	S	C	T
Bp Chr I	2870198	CDS	+	<i>BPSL2374</i>	N	G	A
Bp Chr I	2870285	CDS	+	<i>BPSL2374</i>	N	C	T
Bp Chr I	2870286	CDS	+	<i>BPSL2374</i>	S	T	C
Bp Chr I	2870361	CDS	+	<i>BPSL2374</i>	S	G	A
Bp Chr I	2870393	CDS	+	<i>BPSL2374</i>	N	G	A
Bp Chr I	2870453	CDS	+	<i>BPSL2374</i>	N	G	A
Bp Chr I	2870517	CDS	+	<i>BPSL2374</i>	S	T	C
Bp Chr I	2870519	CDS	+	<i>BPSL2374</i>	N	G	A

Bp Chr I	2870680	CDS	+	<i>BPSL2374</i>	N	G	A
Bp Chr I	2870751	Intergenic	.	-	-	A	C
Bp Chr I	2871167	CDS	-	<i>BPSL2375</i>	N	G	T
Bp Chr I	2871405	Intergenic	.	-	-	G	A
Bp Chr I	2871463	Intergenic	.	-	-	T	C
Bp Chr I	2871465	Intergenic	.	-	-	C	T
Bp Chr I	2871466	Intergenic	.	-	-	C	A
Bp Chr I	2871479	Intergenic	.	-	-	G	A
Bp Chr I	2871483	Intergenic	.	-	-	G	A
Bp Chr I	2871488	Intergenic	.	-	-	T	C
Bp Chr I	2871499	Intergenic	.	-	-	A	C
Bp Chr I	2871700	CDS	+	<i>BPSL2376</i>	S	C	T
Bp Chr I	2871947	CDS	+	<i>BPSL2376</i>	N	G	A
Bp Chr I	2880117	Intergenic	.	-	-	G	A
Bp Chr I	2880186	CDS	-	<i>BPSL2385</i>	N	G	A
Bp Chr I	2880194	CDS	-	<i>BPSL2385</i>	S	A	G
Bp Chr I	2880488	CDS	-	<i>BPSL2385</i>	S	T	C
Bp Chr I	2880685	CDS	-	<i>BPSL2385</i>	N	T	C
Bp Chr I	2880882	CDS	-	<i>BPSL2385</i>	N	G	A
Bp Chr I	2880914	CDS	-	<i>BPSL2385</i>	S	A	G
Bp Chr I	2881133	CDS	-	<i>BPSL2385</i>	S	A	G
Bp Chr I	2881162	Intergenic	.	-	-	C	T
Bp Chr I	2881344	CDS	-	<i>BPSL2386</i>	S	A	G
Bp Chr I	2881815	CDS	-	<i>BPSL2386</i>	S	T	C
Bp Chr I	2881836	CDS	-	<i>BPSL2386</i>	S	A	G
Bp Chr I	2882391	CDS	-	<i>BPSL2386</i>	S	C	T
Bp Chr I	2882707	CDS	-	<i>BPSL2387</i>	S	G	A
Bp Chr I	2882721	CDS	-	<i>BPSL2387</i>	N	C	T
Bp Chr I	2882797	CDS	-	<i>BPSL2387</i>	S	G	A
Bp Chr I	2882830	CDS	-	<i>BPSL2387</i>	S	A	G
Bp Chr I	2882902	CDS	-	<i>BPSL2387</i>	S	C	T
Bp Chr I	2882953	CDS	-	<i>BPSL2387</i>	S	T	C
Bp Chr I	2883409	CDS	-	<i>BPSL2387</i>	S	G	A
Bp Chr I	2883424	CDS	-	<i>BPSL2387</i>	N	G	T
Bp Chr I	2883547	CDS	-	<i>BPSL2387</i>	S	G	A
Bp Chr I	2884179	CDS	-	<i>BPSL2388</i>	N	G	A
Bp Chr I	2884203	CDS	-	<i>BPSL2388</i>	N	G	A
Bp Chr I	2884319	CDS	-	<i>BPSL2388</i>	S	G	A
Bp Chr I	2884406	CDS	-	<i>BPSL2388</i>	S	C	T
Bp Chr I	2884412	CDS	-	<i>BPSL2388</i>	S	G	A
Bp Chr I	2884520	CDS	-	<i>BPSL2388</i>	S	G	A
Bp Chr I	2884685	CDS	-	<i>BPSL2388</i>	S	G	A
Bp Chr I	2884817	CDS	-	<i>BPSL2388</i>	S	G	A
Bp Chr I	2884822	CDS	-	<i>BPSL2388</i>	N	T	A
Bp Chr I	2885092	CDS	-	<i>BPSL2389</i>	S	G	A
Bp Chr I	2885202	CDS	-	<i>BPSL2389</i>	S	A	G
Bp Chr I	2885413	CDS	-	<i>BPSL2389</i>	S	A	G
Bp Chr I	2889228	CDS	-	<i>BPSL2392</i>	N	T	G
Bp Chr I	2889229	CDS	-	<i>BPSL2392</i>	N	G	C
Bp Chr I	2889230	CDS	-	<i>BPSL2392</i>	S	A	G

Bp Chr I	2890232	CDS	-	<i>BPSL2393</i>	S	C	T
Bp Chr I	2890295	CDS	-	<i>BPSL2393</i>	S	G	A
Bp Chr I	2890533	CDS	-	<i>BPSL2393</i>	N	T	C
Bp Chr I	2890690	CDS	-	<i>BPSL2394</i>	S	T	C
Bp Chr I	2890734	CDS	-	<i>BPSL2394</i>	N	T	C
Bp Chr I	2891698	CDS	-	<i>BPSL2395</i>	S	C	T
Bp Chr I	2892389	Intergenic	.	-	-	G	A
Bp Chr I	2892513	Intergenic	.	-	-	A	G
Bp Chr I	2892516	Intergenic	.	-	-	G	A,C
Bp Chr I	2892517	Intergenic	.	-	-	C	A,T
Bp Chr I	2892592	Intergenic	.	-	-	G	A
Bp Chr I	2892738	Intergenic	.	-	-	G	C
Bp Chr I	2892747	Intergenic	.	-	-	A	G
Bp Chr I	2892777	Intergenic	.	-	-	A	G
Bp Chr I	2892784	Intergenic	.	-	-	T	C
Bp Chr I	2892901	Intergenic	.	-	-	A	G
Bp Chr I	2893072	CDS	-	<i>BPSL2396</i>	S	G	A
Bp Chr I	2893180	CDS	-	<i>BPSL2396</i>	S	A	G
Bp Chr I	2893281	CDS	-	<i>BPSL2396</i>	N	G	T
Bp Chr I	2893297	CDS	-	<i>BPSL2396</i>	S	G	A
Bp Chr I	2893300	CDS	-	<i>BPSL2396</i>	S	T	C
Bp Chr I	2893321	CDS	-	<i>BPSL2396</i>	S	A	G
Bp Chr I	2893353	CDS	-	<i>BPSL2396</i>	S	A	G
Bp Chr I	2893504	CDS	-	<i>BPSL2396</i>	S	G	A
Bp Chr I	2893723	CDS	-	<i>BPSL2396</i>	S	G	A
Bp Chr I	2893793	CDS	-	<i>BPSL2396</i>	N	G	A
Bp Chr I	2893795	CDS	-	<i>BPSL2396</i>	S	G	C,T
Bp Chr I	2893966	CDS	-	<i>BPSL2396</i>	S	G	A
Bp Chr I	2893996	CDS	-	<i>BPSL2397</i>	N	G	T
Bp Chr I	2894133	CDS	-	<i>BPSL2397</i>	S	G	A
Bp Chr I	2894202	CDS	-	<i>BPSL2397</i>	S	G	A
Bp Chr I	2894346	CDS	-	<i>BPSL2397</i>	S	C	T
Bp Chr I	2894372	CDS	-	<i>BPSL2397</i>	N	G	C
Bp Chr I	2894550	CDS	-	<i>BPSL2397</i>	S	G	A
Bp Chr I	2894619	CDS	-	<i>BPSL2397</i>	S	G	A
Bp Chr I	2894699	CDS	-	<i>BPSL2397</i>	S	G	A
Bp Chr I	2895039	CDS	-	<i>BPSL2398</i>	S	C	T
Bp Chr I	2895582	CDS	-	<i>BPSL2398</i>	S	G	A
Bp Chr I	2895651	CDS	-	<i>BPSL2398</i>	S	C	G
Bp Chr I	2895795	CDS	-	<i>BPSL2398</i>	S	G	A
Bp Chr I	2895927	CDS	-	<i>BPSL2398</i>	S	A	G
Bp Chr I	2896188	CDS	-	<i>BPSL2398</i>	S	G	A
Bp Chr I	2896224	CDS	-	<i>BPSL2398</i>	S	C	T
Bp Chr I	2896536	CDS	-	<i>BPSL2399</i>	S	G	A
Bp Chr I	2896560	CDS	-	<i>BPSL2399</i>	S	G	A
Bp Chr I	2896614	CDS	-	<i>BPSL2399</i>	S	C	T
Bp Chr I	2896761	CDS	-	<i>BPSL2399</i>	S	G	A
Bp Chr I	2896775	CDS	-	<i>BPSL2399</i>	S	A	G
Bp Chr I	2896836	CDS	-	<i>BPSL2399</i>	S	A	G
Bp Chr I	2897261	CDS	-	<i>BPSL2399</i>	N	G	A

Bp Chr I	2897302	CDS	-	BPSL2399	N	G	A
Bp Chr I	2897433	CDS	-	BPSL2399	S	C	T
Bp Chr I	2897488	CDS	-	BPSL2399	N	G	A
Bp Chr I	2897538	CDS	-	BPSL2399	S	T	G
Bp Chr I	2897617	Intergenic	.	-	-	G	A
Bp Chr I	2935205	CDS	-	BPSL2429	S	C	T
Bp Chr I	2935349	CDS	-	BPSL2429	S	A	G
Bp Chr I	2935363	CDS	-	BPSL2429	S	G	A
Bp Chr I	2935477	CDS	-	BPSL2429	S	G	A
Bp Chr I	2935520	CDS	-	BPSL2429	S	C	T
Bp Chr I	2935727	CDS	-	BPSL2429	S	A	G
Bp Chr I	2935815	Intergenic	.	-	-	A	T
Bp Chr I	2936066	CDS	-	BPSL2430	S	G	A
Bp Chr I	2936123	CDS	-	BPSL2430	S	A	G
Bp Chr I	2936162	CDS	-	BPSL2430	S	A	G
Bp Chr I	2936215	CDS	-	BPSL2430	N	C	T
Bp Chr I	2936273	CDS	-	BPSL2430	S	G	A
Bp Chr I	2936702	CDS	-	BPSL2430	S	G	A
Bp Chr I	2936710	CDS	-	BPSL2430	N	T	C
Bp Chr I	2936755	CDS	-	BPSL2430	S	A	G
Bp Chr I	2937536	CDS	-	BPSL2431	S	G	A
Bp Chr I	2937554	CDS	-	BPSL2431	S	T	C
Bp Chr I	2937782	CDS	-	BPSL2431	S	A	G
Bp Chr I	2937869	CDS	-	BPSL2431	S	A	G
Bp Chr I	2938189	CDS	-	BPSL2431	N	C	T
Bp Chr I	2938478	CDS	-	BPSL2431	S	G	A
Bp Chr I	2938499	CDS	-	BPSL2431	S	A	G
Bp Chr I	2938535	CDS	-	BPSL2431	S	G	A
Bp Chr I	2938717	Intergenic	.	-	-	C	T
Bp Chr I	2938784	Intergenic	.	-	-	T	C
Bp Chr I	2939103	CDS	-	BPSL2432	N	G	A
Bp Chr I	2939443	CDS	-	BPSL2433	S	G	A
Bp Chr I	2939730	CDS	-	BPSL2433	S	G	T
Bp Chr I	2939761	CDS	-	BPSL2433	S	C	T
Bp Chr I	2940259	CDS	-	BPSL2433	S	T	C
Bp Chr I	2940349	CDS	-	BPSL2433	S	T	C
Bp Chr I	2940493	CDS	-	BPSL2433	S	G	A
Bp Chr I	2940497	CDS	-	BPSL2433	N	A	G
Bp Chr I	2940917	CDS	-	BPSL2434	S	G	A
Bp Chr I	2940935	CDS	-	BPSL2434	S	T	G
Bp Chr I	2941049	CDS	-	BPSL2434	S	C	A
Bp Chr I	2941053	CDS	-	BPSL2434	N	G	A
Bp Chr I	2941102	CDS	-	BPSL2434	N	C	T
Bp Chr I	2941242	CDS	-	BPSL2434	N	T	C
Bp Chr I	2941262	CDS	-	BPSL2434	S	C	T
Bp Chr I	2941394	CDS	-	BPSL2434	S	G	A
Bp Chr I	2941741	CDS	-	BPSL2435	S	A	G
Bp Chr I	2941912	CDS	-	BPSL2435	S	G	A
Bp Chr I	2941978	CDS	-	BPSL2435	S	C	T
Bp Chr I	2942019	CDS	-	BPSL2435	N	C	T

Bp Chr I	2942216	CDS	-	BPSL2435	N	C	T
Bp Chr I	2942454	CDS	-	BPSL2436	S	G	A
Bp Chr I	2942511	CDS	-	BPSL2436	S	G	A
Bp Chr I	2942829	CDS	-	BPSL2436	S	G	A
Bp Chr I	2943097	CDS	-	BPSL2437	N	G	T
Bp Chr I	2943507	CDS	-	BPSL2437	S	G	A
Bp Chr I	2943527	CDS	-	BPSL2437	N	T	C
Bp Chr I	2943731	CDS	-	BPSL2438	S	G	A
Bp Chr I	2944082	CDS	-	BPSL2438	S	C	T
Bp Chr I	2944085	CDS	-	BPSL2438	S	C	T
Bp Chr I	2944265	CDS	-	BPSL2438	S	G	A
Bp Chr I	2944268	CDS	-	BPSL2438	S	A	G
Bp Chr I	2944790	CDS	-	BPSL2438	S	A	G
Bp Chr I	2944806	CDS	-	BPSL2438	N	C	T
Bp Chr I	2945030	CDS	-	BPSL2439	S	T	C
Bp Chr I	2945513	CDS	-	BPSL2440	N	C	A
Bp Chr I	2945620	CDS	-	BPSL2440	S	T	C
Bp Chr I	2945750	CDS	-	BPSL2440	N	T	G
Bp Chr I	2945803	CDS	-	BPSL2440	S	G	A
Bp Chr I	2945896	CDS	-	BPSL2440	S	T	C
Bp Chr I	2946012	CDS	-	BPSL2440	N	G	A
Bp Chr I	2946231	CDS	-	BPSL2441	S	C	T
Bp Chr I	2946242	CDS	-	BPSL2441	N	C	T
Bp Chr I	2946272	CDS	-	BPSL2441	N	T	A
Bp Chr I	2946535	CDS	-	BPSL2441	N	T	G
Bp Chr I	2946566	CDS	-	BPSL2441	N	C	T
Bp Chr I	2946567	CDS	-	BPSL2441	S	C	A
Bp Chr I	2946657	CDS	-	BPSL2441	S	G	T
Bp Chr I	2946822	CDS	-	BPSL2441	S	T	C
Bp Chr I	2947078	CDS	-	BPSL2441	N	T	G
Bp Chr I	2947128	Intergenic	.	-	-	G	A
Bp Chr I	2947222	CDS	-	BPSL2442	S	G	A
Bp Chr I	2947276	CDS	-	BPSL2442	S	G	A
Bp Chr I	2947369	CDS	-	BPSL2442	S	G	C
Bp Chr I	2947522	CDS	-	BPSL2442	S	A	G
Bp Chr I	2947546	CDS	-	BPSL2442	S	G	A
Bp Chr I	2947689	CDS	-	BPSL2442	N	T	C
Bp Chr I	2947999	CDS	-	BPSL2442	S	G	A
Bp Chr I	2948784	CDS	-	BPSL2443	S	G	A
Bp Chr I	2948982	CDS	-	BPSL2443	S	A	G
Bp Chr I	2948988	CDS	-	BPSL2443	S	C	G
Bp Chr I	2949051	CDS	-	BPSL2443	S	C	T
Bp Chr I	2949147	CDS	-	BPSL2443	S	G	A
Bp Chr I	2949343	Intergenic	.	-	-	G	A
Bp Chr I	2949377	Intergenic	.	-	-	A	G
Bp Chr I	2949520	CDS	-	BPSL2444	S	A	G
Bp Chr I	2949756	CDS	-	BPSL2445	N	T	C
Bp Chr I	2950207	CDS	-	BPSL2445	S	C	T
Bp Chr I	2950279	CDS	-	BPSL2445	S	G	A
Bp Chr I	2950355	Intergenic	.	-	-	C	T

Bp Chr I	2950405	Intergenic	.	-	-	T	C
Bp Chr I	2950438	Intergenic	.	-	-	A	G
Bp Chr I	2950454	Intergenic	.	-	-	C	G
Bp Chr I	2950508	Intergenic	.	-	-	C	A
Bp Chr I	2950656	CDS	+	<i>BPSL2446</i>	S	C	T
Bp Chr I	2950794	CDS	+	<i>BPSL2446</i>	S	C	T
Bp Chr I	2950835	CDS	+	<i>BPSL2446</i>	N	T	G
Bp Chr I	2950842	CDS	+	<i>BPSL2446</i>	S	A	G
Bp Chr I	2950941	CDS	+	<i>BPSL2446</i>	S	C	T
Bp Chr I	2951385	CDS	+	<i>BPSL2447</i>	S	C	T
Bp Chr I	2951405	CDS	+	<i>BPSL2447</i>	S	G	A
Bp Chr I	2951417	CDS	+	<i>BPSL2447</i>	S	C	T
Bp Chr I	2951960	CDS	-	<i>BPSL2448</i>	S	C	T
Bp Chr I	2952065	CDS	-	<i>BPSL2448</i>	S	G	A
Bp Chr I	2952095	CDS	-	<i>BPSL2448</i>	S	G	A
Bp Chr I	2952146	CDS	-	<i>BPSL2448</i>	S	A	G
Bp Chr I	2952170	CDS	-	<i>BPSL2448</i>	S	A	G
Bp Chr I	2952727	CDS	-	<i>BPSL2448</i>	N	C	T
Bp Chr I	2952765	CDS	-	<i>BPSL2448</i>	N	G	A
Bp Chr I	2952857	CDS	-	<i>BPSL2448</i>	S	G	A
Bp Chr I	2953268	CDS	-	<i>BPSL2449</i>	S	C	G
Bp Chr I	2953528	CDS	-	<i>BPSL2450</i>	S	C	A
Bp Chr I	2953534	CDS	-	<i>BPSL2450</i>	S	C	T
Bp Chr I	2954295	CDS	-	<i>BPSL2451</i>	S	G	A
Bp Chr I	2954413	CDS	-	<i>BPSL2451</i>	N	T	C
Bp Chr I	2954448	CDS	-	<i>BPSL2451</i>	S	G	A
Bp Chr I	2954670	CDS	-	<i>BPSL2451</i>	S	C	T
Bp Chr I	2954760	CDS	-	<i>BPSL2451</i>	S	G	A
Bp Chr I	2954763	CDS	-	<i>BPSL2451</i>	S	G	A
Bp Chr I	2954766	CDS	-	<i>BPSL2451</i>	S	C	G
Bp Chr I	2954835	CDS	-	<i>BPSL2451</i>	S	C	T
Bp Chr I	2954871	CDS	-	<i>BPSL2451</i>	S	A	G
Bp Chr I	2954925	CDS	-	<i>BPSL2451</i>	S	G	A
Bp Chr I	2955102	Intergenic	.	-	-	G	A
Bp Chr I	2955356	Intergenic	.	-	-	A	G
Bp Chr I	2955456	Intergenic	.	-	-	T	C
Bp Chr I	2956327	CDS	+	<i>BPSL2452</i>	S	A	G
Bp Chr I	2956972	CDS	+	<i>BPSL2452</i>	S	A	G
Bp Chr I	2992470	CDS	-	<i>BPSL2478</i>	S	G	A
Bp Chr I	2992512	CDS	-	<i>BPSL2478</i>	S	G	A
Bp Chr I	2992633	CDS	-	<i>BPSL2478</i>	N	A	G
Bp Chr I	2992785	CDS	-	<i>BPSL2478</i>	S	C	T
Bp Chr I	2992911	CDS	-	<i>BPSL2478</i>	S	G	A
Bp Chr I	2993141	CDS	-	<i>BPSL2478</i>	N	T	G
Bp Chr I	2993541	CDS	+	<i>BPSL2479</i>	S	A	G
Bp Chr I	2993769	CDS	+	<i>BPSL2479</i>	S	G	A
Bp Chr I	2993775	CDS	+	<i>BPSL2479</i>	S	G	A
Bp Chr I	2993879	CDS	+	<i>BPSL2479</i>	N	C	A
Bp Chr I	2993903	CDS	+	<i>BPSL2480</i>	N	A	G
Bp Chr I	2993905	CDS	+	<i>BPSL2480</i>	S	T	C

Bp Chr I	2993907	CDS	+	<i>BPSL2480</i>	N	A	C
Bp Chr I	2993957	CDS	+	<i>BPSL2480</i>	N	A	G
Bp Chr I	2994089	CDS	+	<i>BPSL2480</i>	N	C	T
Bp Chr I	2994127	CDS	+	<i>BPSL2480</i>	S	G	A
Bp Chr I	2994487	CDS	+	<i>BPSL2480</i>	S	A	G
Bp Chr I	2994545	Intergenic	.	-	-	G	C
Bp Chr I	2994547	Intergenic	.	-	-	T	C
Bp Chr I	2994549	Intergenic	.	-	-	G	C
Bp Chr I	2994606	Intergenic	.	-	-	C	G
Bp Chr I	2994633	Intergenic	.	-	-	G	A
Bp Chr I	2994638	Intergenic	.	-	-	T	C
Bp Chr I	2994643	Intergenic	.	-	-	G	T
Bp Chr I	2994747	Intergenic	.	-	-	C	T
Bp Chr I	2995029	CDS	-	<i>BPSL2481</i>	S	G	A
Bp Chr I	2995056	CDS	-	<i>BPSL2481</i>	S	G	T
Bp Chr I	2995072	CDS	-	<i>BPSL2481</i>	N	C	T
Bp Chr I	2995073	CDS	-	<i>BPSL2481</i>	N	G	C
Bp Chr I	2995119	CDS	-	<i>BPSL2481</i>	S	G	A
Bp Chr I	2995410	Intergenic	.	-	-	G	A
Bp Chr I	2995726	CDS	+	<i>BPSL2482</i>	N	T	G
Bp Chr I	2995746	CDS	+	<i>BPSL2482</i>	S	C	T
Bp Chr I	2995825	CDS	+	<i>BPSL2482</i>	N	G	A
Bp Chr I	2996319	CDS	+	<i>BPSL2482</i>	S	C	T
Bp Chr I	2996388	CDS	+	<i>BPSL2482</i>	N	G	A
Bp Chr I	2996583	CDS	+	<i>BPSL2482</i>	S	C	A
Bp Chr I	2996796	CDS	+	<i>BPSL2483</i>	N	A	C
Bp Chr I	2996811	CDS	+	<i>BPSL2483</i>	N	G	T
Bp Chr I	3005697	CDS	+	<i>BPSL2493</i>	S	C	G
Bp Chr I	3005834	CDS	+	<i>BPSL2493</i>	N	T	C
Bp Chr I	3005949	CDS	+	<i>BPSL2493</i>	S	T	C
Bp Chr I	3006166	CDS	+	<i>BPSL2493</i>	N	G	A
Bp Chr I	3006180	CDS	+	<i>BPSL2493</i>	S	C	T
Bp Chr I	3006333	CDS	+	<i>BPSL2493</i>	S	A	G
Bp Chr I	3006738	CDS	+	<i>BPSL2493</i>	S	G	A
Bp Chr I	3006764	Intergenic	.	-	-	G	A
Bp Chr I	3006770	Intergenic	.	-	-	G	A
Bp Chr I	3006808	Intergenic	.	-	-	A	G
Bp Chr I	3006938	CDS	+	<i>BPSL2494</i>	N	T	C
Bp Chr I	3006953	CDS	+	<i>BPSL2494</i>	N	A	G
Bp Chr I	3007030	CDS	+	<i>BPSL2494</i>	S	C	G
Bp Chr I	3007333	CDS	+	<i>BPSL2494</i>	N	A	T
Bp Chr I	3007346	Intergenic	.	-	-	T	C
Bp Chr I	3007426	CDS	-	<i>BPSL2495</i>	N	A	G
Bp Chr I	3007541	CDS	-	<i>BPSL2495</i>	N	G	A
Bp Chr I	3007544	CDS	-	<i>BPSL2495</i>	S	A	G
Bp Chr I	3007615	CDS	-	<i>BPSL2495</i>	N	T	C
Bp Chr I	3007644	CDS	-	<i>BPSL2495</i>	S	G	T
Bp Chr I	3007682	CDS	-	<i>BPSL2495</i>	N	G	A
Bp Chr I	3007692	CDS	-	<i>BPSL2495</i>	S	T	C
Bp Chr I	3008025	CDS	-	<i>BPSL2495</i>	S	G	A

Bp Chr I	3008094	CDS	-	BPSL2495	S	A	C
Bp Chr I	3008186	CDS	-	BPSL2495	N	G	T
Bp Chr I	3008187	CDS	-	BPSL2495	S	C	T
Bp Chr I	3008253	CDS	-	BPSL2495	S	A	G
Bp Chr I	3008434	CDS	-	BPSL2495	N	G	C
Bp Chr I	3008469	CDS	-	BPSL2495	S	G	A
Bp Chr I	3008594	Intergenic	.	-	-	T	C
Bp Chr I	3008787	CDS	-	BPSL2496	S	A	G
Bp Chr I	3008955	CDS	-	BPSL2496	S	G	A
Bp Chr I	3008979	CDS	-	BPSL2496	S	C	T
Bp Chr I	3008994	CDS	-	BPSL2496	S	A	G
Bp Chr I	3009209	Intergenic	.	-	-	C	T
Bp Chr I	3009389	CDS	+	BPSL2497	S	G	C
Bp Chr I	3009695	CDS	+	BPSL2497	S	C	T
Bp Chr I	3009768	CDS	+	BPSL2497	S	C	T
Bp Chr I	3009827	CDS	+	BPSL2497	S	G	A
Bp Chr I	3010037	CDS	+	BPSL2497	S	A	G
Bp Chr I	3010309	CDS	+	BPSL2497	N	A	C
Bp Chr I	3010406	CDS	+	BPSL2497	S	G	T
Bp Chr I	3010457	CDS	+	BPSL2497	S	C	T
Bp Chr I	3010483	CDS	+	BPSL2497	N	C	T
Bp Chr I	3010619	Intergenic	.	-	-	A	G
Bp Chr I	3010667	Intergenic	.	-	-	G	A
Bp Chr I	3010809	CDS	-	BPSL2498	N	T	C
Bp Chr I	3011576	CDS	-	BPSL2498	S	C	T
Bp Chr I	3012206	CDS	-	BPSL2498	N	C	G
Bp Chr I	3012269	CDS	-	BPSL2498	S	G	A
Bp Chr I	3012467	Intergenic	.	-	-	G	A
Bp Chr I	3012566	Intergenic	.	-	-	G	T
Bp Chr I	3012637	CDS	-	BPSL2499	S	A	G
Bp Chr I	3012724	CDS	-	BPSL2499	S	C	T
Bp Chr I	3012868	CDS	-	BPSL2499	S	C	T
Bp Chr I	3013165	CDS	-	BPSL2499	S	T	C
Bp Chr I	3013321	CDS	-	BPSL2499	S	T	C
Bp Chr I	3013782	CDS	-	BPSL2500	S	A	G
Bp Chr I	3013783	CDS	-	BPSL2500	S	C	A
Bp Chr I	3013894	CDS	-	BPSL2500	S	G	C
Bp Chr I	3014035	CDS	-	BPSL2500	S	G	A
Bp Chr I	3014346	Intergenic	.	-	-	A	G
Bp Chr I	3014553	CDS	-	BPSL2501	N	T	G
Bp Chr I	3014573	CDS	-	BPSL2501	S	G	A
Bp Chr I	3014687	CDS	-	BPSL2501	S	C	T
Bp Chr I	3014727	CDS	-	BPSL2501	N	G	A
Bp Chr I	3014748	CDS	-	BPSL2501	N	C	T
Bp Chr I	3014762	CDS	-	BPSL2501	S	G	A
Bp Chr I	3014807	CDS	-	BPSL2501	S	G	A
Bp Chr I	3014951	CDS	-	BPSL2501	S	T	C
Bp Chr I	3015166	CDS	-	BPSL2501	N	C	T
Bp Chr I	3015249	CDS	-	BPSL2501	N	A	G
Bp Chr I	3015432	CDS	-	BPSL2502	S	C	T

Bp Chr I	3015611	CDS	-	BPSL2502	S	A	G
Bp Chr I	3015736	CDS	-	BPSL2502	N	G	A
Bp Chr I	3016030	CDS	-	BPSL2503	S	A	G
Bp Chr I	3016570	CDS	-	BPSL2503	S	C	T
Bp Chr I	3016747	CDS	-	BPSL2503	S	G	A
Bp Chr I	3016849	CDS	-	BPSL2503	S	G	A
Bp Chr I	3017059	Intergenic	.	-	-	G	A
Bp Chr I	3017373	CDS	+	BPSL2504	N	G	A
Bp Chr I	3017687	CDS	+	BPSL2504	S	G	A
Bp Chr I	3017725	CDS	+	BPSL2504	N	G	A
Bp Chr I	3017730	CDS	+	BPSL2504	N	G	A
Bp Chr I	3017948	CDS	+	BPSL2504	S	C	T
Bp Chr I	3024640	CDS	-	BPSL2510	S	T	C
Bp Chr I	3024646	CDS	-	BPSL2510	S	C	T
Bp Chr I	3024712	CDS	-	BPSL2510	S	G	A
Bp Chr I	3024829	CDS	-	BPSL2511	N	G	A
Bp Chr I	3025022	CDS	-	BPSL2511	S	G	A
Bp Chr I	3025051	CDS	-	BPSL2511	N	G	A
Bp Chr I	3025131	CDS	-	BPSL2511	N	G	A
Bp Chr I	3025190	CDS	-	BPSL2511	S	G	A
Bp Chr I	3025258	CDS	-	BPSL2511	N	A	G
Bp Chr I	3025350	CDS	-	BPSL2511	N	G	C
Bp Chr I	3025724	CDS	-	BPSL2511	S	C	T
Bp Chr I	3025898	CDS	-	BPSL2511	S	C	T
Bp Chr I	3026259	Intergenic	.	-	-	G	T
Bp Chr I	3026295	Intergenic	.	-	-	T	G
Bp Chr I	3026984	CDS	-	BPSL2512	S	G	A
Bp Chr I	3027119	CDS	-	BPSL2512	S	A	G
Bp Chr I	3027155	CDS	-	BPSL2512	S	A	G
Bp Chr I	3027488	CDS	-	BPSL2512	S	A	G
Bp Chr I	3027612	CDS	-	BPSL2513	S	G	A
Bp Chr I	3028364	CDS	-	BPSL2514	S	C	T
Bp Chr I	3028746	CDS	-	BPSL2515	S	C	A
Bp Chr I	3029085	CDS	-	BPSL2515	S	A	G
Bp Chr I	3029193	CDS	-	BPSL2515	S	G	A
Bp Chr I	3032444	CDS	-	BPSL2517	S	G	A
Bp Chr I	3032786	CDS	-	BPSL2517	S	G	A
Bp Chr I	3032859	CDS	-	BPSL2517	N	G	A
Bp Chr I	3032861	CDS	-	BPSL2517	S	G	A
Bp Chr I	3032897	CDS	-	BPSL2517	S	T	C
Bp Chr I	3032933	CDS	-	BPSL2517	S	G	A
Bp Chr I	3032955	CDS	-	BPSL2517	N	G	A
Bp Chr I	3032981	CDS	-	BPSL2517	S	G	A
Bp Chr I	3033080	CDS	-	BPSL2517	S	C	A
Bp Chr I	3033149	CDS	-	BPSL2517	S	G	A
Bp Chr I	3033219	CDS	-	BPSL2517	N	A	C
Bp Chr I	3033294	Intergenic	.	-	-	C	T
Bp Chr I	3033315	Intergenic	.	-	-	G	A,C
Bp Chr I	3033394	Intergenic	.	-	-	G	C
Bp Chr I	3033450	Intergenic	.	-	-	T	C

Bp Chr I	3033501	CDS	-	<i>BPSL2518</i>	S	G	A
Bp Chr I	3033648	CDS	-	<i>BPSL2518</i>	S	T	C
Bp Chr I	3033669	CDS	-	<i>BPSL2518</i>	S	G	A
Bp Chr I	3033717	CDS	-	<i>BPSL2518</i>	S	A	G
Bp Chr I	3033762	CDS	-	<i>BPSL2518</i>	S	G	A
Bp Chr I	3034128	CDS	-	<i>BPSL2518</i>	S	G	A
Bp Chr I	3034185	CDS	-	<i>BPSL2518</i>	S	G	A
Bp Chr I	3034642	CDS	-	<i>BPSL2519</i>	S	C	A
Bp Chr I	3034762	CDS	-	<i>BPSL2519</i>	S	G	A
Bp Chr I	3034792	CDS	-	<i>BPSL2519</i>	S	C	T
Bp Chr I	3035115	CDS	-	<i>BPSL2519</i>	N	T	C
Bp Chr I	3035325	CDS	-	<i>BPSL2519</i>	N	C	T
Bp Chr I	3035395	CDS	-	<i>BPSL2519</i>	S	G	A
Bp Chr I	3035439	CDS	-	<i>BPSL2519</i>	N	T	C
Bp Chr I	3035770	Intergenic	.	-	-	G	C
Bp Chr I	3035916	CDS	-	<i>BPSL2520</i>	S	C	T
Bp Chr I	3035964	CDS	-	<i>BPSL2520</i>	S	G	A
Bp Chr I	3036105	CDS	-	<i>BPSL2520</i>	S	G	A
Bp Chr I	3036878	CDS	-	<i>BPSL2521</i>	S	T	C
Bp Chr I	3042440	Intergenic	.	-	-	C	G
Bp Chr I	3042639	CDS	+	<i>BPSL2525</i>	S	T	C
Bp Chr I	3042762	CDS	+	<i>BPSL2525</i>	S	A	G
Bp Chr I	3042802	CDS	+	<i>BPSL2525</i>	S	C	T
Bp Chr I	3042857	CDS	+	<i>BPSL2525</i>	N	C	T
Bp Chr I	3042907	CDS	+	<i>BPSL2525</i>	N	A	G
Bp Chr I	3043199	CDS	+	<i>BPSL2525</i>	N	C	T
Bp Chr I	3043443	Intergenic	.	-	-	A	G
Bp Chr I	3043654	CDS	-	<i>BPSL2526</i>	S	C	T
Bp Chr I	3043672	CDS	-	<i>BPSL2526</i>	S	G	A
Bp Chr I	3043881	CDS	-	<i>BPSL2527</i>	S	G	A
Bp Chr I	3043966	CDS	-	<i>BPSL2527</i>	N	G	A
Bp Chr I	3044226	CDS	-	<i>BPSL2527</i>	S	C	T
Bp Chr I	3044367	CDS	-	<i>BPSL2527</i>	S	C	T
Bp Chr I	3044370	CDS	-	<i>BPSL2527</i>	S	G	A
Bp Chr I	3044971	Intergenic	.	-	-	C	T
Bp Chr I	3044981	Intergenic	.	-	-	C	T
Bp Chr I	3045018	CDS	+	<i>BPSL2528</i>	S	T	C
Bp Chr I	3045038	CDS	+	<i>BPSL2528</i>	N	G	A
Bp Chr I	3045243	CDS	+	<i>BPSL2528</i>	S	C	T
Bp Chr I	3045371	CDS	+	<i>BPSL2528</i>	N	G	A
Bp Chr I	3045384	CDS	+	<i>BPSL2528</i>	S	G	A
Bp Chr I	3045716	CDS	+	<i>BPSL2529</i>	S	T	C
Bp Chr I	3045769	CDS	+	<i>BPSL2529</i>	N	A	G
Bp Chr I	3045826	CDS	+	<i>BPSL2529</i>	N	G	A
Bp Chr I	3045916	CDS	+	<i>BPSL2529</i>	N	G	C
Bp Chr I	3045929	CDS	+	<i>BPSL2529</i>	S	A	G
Bp Chr I	3046172	CDS	+	<i>BPSL2529</i>	S	C	G
Bp Chr I	3046173	CDS	+	<i>BPSL2529</i>	N	G	A
Bp Chr I	3046266	CDS	+	<i>BPSL2529</i>	N	G	A
Bp Chr I	3046553	CDS	+	<i>BPSL2529</i>	S	A	G

Bp Chr I	3046701	CDS	+	<i>BPSL2529</i>	N	G	A
Bp Chr I	3047066	CDS	+	<i>BPSL2529</i>	S	G	A
Bp Chr I	3060522	Intergenic	.	-	-	C	G
Bp Chr I	3060550	Intergenic	.	-	-	C	A
Bp Chr I	3060837	Intergenic	.	-	-	A	G
Bp Chr I	3060839	Intergenic	.	-	-	C	T
Bp Chr I	3060861	Intergenic	.	-	-	G	A
Bp Chr I	3060907	Intergenic	.	-	-	A	G
Bp Chr I	3061116	CDS	+	<i>BPSL2538</i>	S	T	C
Bp Chr I	3061221	CDS	+	<i>BPSL2538</i>	S	C	T
Bp Chr I	3061245	CDS	+	<i>BPSL2538</i>	S	C	G
Bp Chr I	3061251	CDS	+	<i>BPSL2538</i>	S	A	C,G
Bp Chr I	3061299	CDS	+	<i>BPSL2538</i>	S	C	A
Bp Chr I	3061317	CDS	+	<i>BPSL2538</i>	S	A	G
Bp Chr I	3061401	CDS	+	<i>BPSL2538</i>	S	T	C
Bp Chr I	3061587	CDS	+	<i>BPSL2538</i>	N	C	G
Bp Chr I	3061698	CDS	+	<i>BPSL2538</i>	S	C	T
Bp Chr I	3061737	CDS	+	<i>BPSL2538</i>	S	C	A
Bp Chr I	3061807	CDS	+	<i>BPSL2538</i>	N	C	A
Bp Chr I	3061813	CDS	+	<i>BPSL2538</i>	N	A	G
Bp Chr I	3061923	CDS	+	<i>BPSL2538</i>	S	C	T
Bp Chr I	3061939	CDS	+	<i>BPSL2538</i>	N	G	T
Bp Chr I	3061960	CDS	+	<i>BPSL2538</i>	N	T	C
Bp Chr I	3062718	CDS	+	<i>BPSL2539</i>	N	G	A
Bp Chr I	3063058	Intergenic	.	-	-	G	A
Bp Chr I	3063333	CDS	+	<i>BPSL2540</i>	S	A	G
Bp Chr I	3063510	CDS	+	<i>BPSL2540</i>	S	A	G
Bp Chr I	3079003	CDS	-	<i>BPSL2551</i>	S	G	A
Bp Chr I	3079168	CDS	-	<i>BPSL2551</i>	S	G	A
Bp Chr I	3090040	Intergenic	.	-	-	G	A
Bp Chr I	3090049	Intergenic	.	-	-	C	T
Bp Chr I	3090286	CDS	-	<i>BPSL2561</i>	S	G	A
Bp Chr I	3090436	CDS	-	<i>BPSL2561</i>	S	G	A
Bp Chr I	3090547	CDS	-	<i>BPSL2561</i>	S	T	C
Bp Chr I	3090667	CDS	-	<i>BPSL2561</i>	S	C	T
Bp Chr I	3090890	CDS	-	<i>BPSL2561</i>	N	G	A
Bp Chr I	3090919	CDS	-	<i>BPSL2561</i>	S	C	T
Bp Chr I	3090940	CDS	-	<i>BPSL2561</i>	S	G	C
Bp Chr I	3091129	CDS	-	<i>BPSL2561</i>	S	G	A
Bp Chr I	3091161	CDS	-	<i>BPSL2561</i>	N	G	A
Bp Chr I	3091639	CDS	-	<i>BPSL2561</i>	S	A	G
Bp Chr I	3091765	CDS	-	<i>BPSL2561</i>	S	A	G
Bp Chr I	3091900	CDS	-	<i>BPSL2561</i>	S	G	A
Bp Chr I	3092308	CDS	-	<i>BPSL2561</i>	S	G	C
Bp Chr I	3092311	CDS	-	<i>BPSL2561</i>	S	T	C
Bp Chr I	3093004	CDS	-	<i>BPSL2563</i>	S	T	C
Bp Chr I	3093016	CDS	-	<i>BPSL2563</i>	S	C	T
Bp Chr I	3093313	CDS	-	<i>BPSL2563</i>	S	A	G
Bp Chr I	3093610	CDS	-	<i>BPSL2564</i>	S	G	A
Bp Chr I	3093787	CDS	-	<i>BPSL2564</i>	S	G	A

Bp Chr I	3094183	CDS	-	<i>BPSL2564</i>	S	C	G
Bp Chr I	3094279	CDS	-	<i>BPSL2564</i>	S	C	T
Bp Chr I	3094414	Intergenic	.	-	-	T	C
Bp Chr I	3094465	Intergenic	.	-	-	A	G
Bp Chr I	3094587	CDS	+	<i>BPSL2565</i>	S	G	A
Bp Chr I	3094656	CDS	+	<i>BPSL2565</i>	S	G	A
Bp Chr I	3094830	CDS	+	<i>BPSL2565</i>	S	C	A
Bp Chr I	3094866	CDS	+	<i>BPSL2565</i>	S	G	A
Bp Chr I	3095027	CDS	+	<i>BPSL2565</i>	N	G	A
Bp Chr I	3095055	CDS	+	<i>BPSL2565</i>	S	G	A
Bp Chr I	3095068	CDS	+	<i>BPSL2565</i>	N	G	A
Bp Chr I	3095299	CDS	+	<i>BPSL2566</i>	N	A	C
Bp Chr I	3095400	CDS	+	<i>BPSL2566</i>	N	A	G
Bp Chr I	3095480	CDS	+	<i>BPSL2566</i>	S	A	G
Bp Chr I	3095681	CDS	+	<i>BPSL2566</i>	S	C	T
Bp Chr I	3095852	CDS	+	<i>BPSL2566</i>	S	A	G
Bp Chr I	3114919	Intergenic	.	-	-	A	G
Bp Chr I	3115056	CDS	-	<i>BPSL2595</i>	S	A	G
Bp Chr I	3115093	CDS	-	<i>BPSL2595</i>	S	G	A
Bp Chr I	3115192	CDS	-	<i>BPSL2595</i>	S	G	A
Bp Chr I	3115580	CDS	-	<i>BPSL2596</i>	N	G	A
Bp Chr I	3115735	CDS	-	<i>BPSL2596</i>	S	T	C
Bp Chr I	3115963	CDS	-	<i>BPSL2596</i>	S	A	G
Bp Chr I	3116537	CDS	-	<i>BPSL2597</i>	S	A	G
Bp Chr I	3116797	CDS	-	<i>BPSL2597</i>	N	G	A
Bp Chr I	3117057	Intergenic	.	-	-	C	T
Bp Chr I	3117073	Intergenic	.	-	-	G	A
Bp Chr I	3117287	CDS	-	<i>BPSL2598</i>	S	G	A
Bp Chr I	3117735	Intergenic	.	-	-	G	A
Bp Chr I	3117753	Intergenic	.	-	-	T	C
Bp Chr I	3117821	Intergenic	.	-	-	G	A
Bp Chr I	3118766	CDS	+	<i>BPSL2599</i>	S	G	A
Bp Chr I	3118988	Intergenic	.	-	-	G	A
Bp Chr I	3119006	Intergenic	.	-	-	T	C
Bp Chr I	3119036	Intergenic	.	-	-	A	G
Bp Chr I	3119053	Intergenic	.	-	-	A	G
Bp Chr I	3119058	Intergenic	.	-	-	G	T
Bp Chr I	3119239	Intergenic	.	-	-	A	G
Bp Chr I	3119319	CDS	-	<i>BPSL2600</i>	S	T	C
Bp Chr I	3119694	CDS	-	<i>BPSL2600</i>	S	C	G
Bp Chr I	3120066	CDS	-	<i>BPSL2600</i>	S	G	A
Bp Chr I	3120099	CDS	-	<i>BPSL2600</i>	S	G	A
Bp Chr I	3120375	CDS	-	<i>BPSL2600</i>	S	G	A
Bp Chr I	3121513	CDS	-	<i>BPSL2602</i>	S	C	T
Bp Chr I	3121525	CDS	-	<i>BPSL2602</i>	S	G	A
Bp Chr I	3121888	CDS	-	<i>BPSL2602</i>	S	T	C
Bp Chr I	3121966	CDS	-	<i>BPSL2602</i>	S	C	T
Bp Chr I	3122179	CDS	-	<i>BPSL2602</i>	S	T	C
Bp Chr I	3122632	CDS	-	<i>BPSL2603</i>	S	G	A
Bp Chr I	3122725	CDS	-	<i>BPSL2603</i>	S	G	A

Bp Chr I	3123574	CDS	-	<i>BPSL2604</i>	S	C	T
Bp Chr I	3123931	CDS	-	<i>BPSL2604</i>	S	G	A
Bp Chr I	3123946	CDS	-	<i>BPSL2604</i>	S	C	T
Bp Chr I	3124345	CDS	-	<i>BPSL2604</i>	S	T	C
Bp Chr I	3125008	CDS	-	<i>BPSL2604</i>	S	G	A
Bp Chr I	3125152	CDS	-	<i>BPSL2604</i>	S	A	C
Bp Chr I	3125266	CDS	-	<i>BPSL2604</i>	S	A	G
Bp Chr I	3125488	CDS	-	<i>BPSL2604</i>	S	G	A
Bp Chr I	3125697	CDS	-	<i>BPSL2604</i>	N	G	A
Bp Chr I	3125762	CDS	-	<i>BPSL2604</i>	N	G	A
Bp Chr I	3126066	CDS	+	<i>BPSL2605</i>	S	G	A
Bp Chr I	3126172	CDS	+	<i>BPSL2605</i>	N	G	A
Bp Chr I	3126336	CDS	+	<i>BPSL2605</i>	S	A	G
Bp Chr I	3126819	CDS	+	<i>BPSL2605</i>	S	G	A
Bp Chr I	3126960	Intergenic	.	-	-	G	A
Bp Chr I	3127045	Intergenic	.	-	-	T	C
Bp Chr I	3127061	Intergenic	.	-	-	C	T
Bp Chr I	3127065	Intergenic	.	-	-	A	C
Bp Chr I	3127088	Intergenic	.	-	-	G	A
Bp Chr I	3127107	Intergenic	.	-	-	T	C
Bp Chr I	3127143	CDS	+	<i>BPSL2606</i>	S	C	T
Bp Chr I	3127167	CDS	+	<i>BPSL2606</i>	S	C	T
Bp Chr I	3127198	CDS	+	<i>BPSL2606</i>	N	G	C
Bp Chr I	3127235	CDS	+	<i>BPSL2606</i>	N	G	A
Bp Chr I	3127267	CDS	+	<i>BPSL2606</i>	N	G	A
Bp Chr I	3127270	CDS	+	<i>BPSL2606</i>	N	G	T
Bp Chr I	3127404	CDS	+	<i>BPSL2606</i>	S	T	C
Bp Chr I	3127545	CDS	+	<i>BPSL2606</i>	S	C	T
Bp Chr I	3127701	CDS	+	<i>BPSL2606</i>	S	A	G
Bp Chr I	3127773	CDS	+	<i>BPSL2606</i>	S	A	G
Bp Chr I	3127963	CDS	+	<i>BPSL2607</i>	S	A	G
Bp Chr I	3128021	CDS	+	<i>BPSL2607</i>	N	G	A
Bp Chr I	3128038	CDS	+	<i>BPSL2607</i>	S	C	G
Bp Chr I	3128039	CDS	+	<i>BPSL2607</i>	S	C	T
Bp Chr I	3128050	CDS	+	<i>BPSL2607</i>	S	C	G
Bp Chr I	3128123	CDS	+	<i>BPSL2607</i>	N	G	A
Bp Chr I	3128136	CDS	+	<i>BPSL2607</i>	N	C	T
Bp Chr I	3128347	CDS	+	<i>BPSL2607</i>	S	C	T
Bp Chr I	3128550	Intergenic	.	-	-	G	A
Bp Chr I	3128618	Intergenic	.	-	-	G	A
Bp Chr I	3128685	Intergenic	.	-	-	A	G
Bp Chr I	3128721	Intergenic	.	-	-	A	G
Bp Chr I	3129213	CDS	-	<i>BPSL2608</i>	S	G	A
Bp Chr I	3129341	CDS	-	<i>BPSL2608</i>	S	G	A
Bp Chr I	3129447	CDS	-	<i>BPSL2608</i>	S	C	G
Bp Chr I	3129518	CDS	-	<i>BPSL2608</i>	N	G	C
Bp Chr I	3129794	CDS	-	<i>BPSL2608</i>	N	G	A
Bp Chr I	3130150	CDS	-	<i>BPSL2609</i>	S	G	A
Bp Chr I	3130639	CDS	-	<i>BPSL2609</i>	S	G	A
Bp Chr I	3130678	CDS	-	<i>BPSL2609</i>	S	G	A

Bp Chr I	3131435	CDS	-	<i>BPSL2610</i>	S	C	G
Bp Chr I	3131748	Intergenic	.	-	-	G	A
Bp Chr I	3131802	Intergenic	.	-	-	A	G
Bp Chr I	3132080	CDS	-	<i>BPSL2611</i>	S	G	A
Bp Chr I	3132449	CDS	-	<i>BPSL2611</i>	S	G	A
Bp Chr I	3132626	CDS	-	<i>BPSL2611</i>	S	G	A
Bp Chr I	3133073	CDS	-	<i>BPSL2611</i>	S	T	C
Bp Chr I	3134139	CDS	+	<i>BPSL2612</i>	S	G	A
Bp Chr I	3134238	CDS	+	<i>BPSL2612</i>	S	G	A
Bp Chr I	3134241	CDS	+	<i>BPSL2612</i>	S	G	A
Bp Chr I	3134289	CDS	+	<i>BPSL2612</i>	S	G	A
Bp Chr I	3134319	CDS	+	<i>BPSL2612</i>	S	G	A
Bp Chr I	3134787	CDS	+	<i>BPSL2612</i>	S	A	G
Bp Chr I	3145618	CDS	+	<i>BPSL2623</i>	S	G	A
Bp Chr I	3145729	CDS	+	<i>BPSL2623</i>	S	G	A
Bp Chr I	3153660	CDS	-	<i>BPSL2630</i>	S	G	A
Bp Chr I	3153690	CDS	-	<i>BPSL2630</i>	S	G	A
Bp Chr I	3153767	CDS	-	<i>BPSL2630</i>	S	G	A
Bp Chr I	3154154	Intergenic	.	-	-	G	A
Bp Chr I	3154273	Intergenic	.	-	-	G	A
Bp Chr I	3154302	Intergenic	.	-	-	G	A
Bp Chr I	3154336	Intergenic	.	-	-	T	G
Bp Chr I	3154447	CDS	+	<i>BPSL2631</i>	N	A	G
Bp Chr I	3154582	CDS	+	<i>BPSL2631</i>	N	T	G
Bp Chr I	3154697	CDS	+	<i>BPSL2631</i>	S	G	A
Bp Chr I	3154757	CDS	+	<i>BPSL2631</i>	S	G	A
Bp Chr I	3154803	CDS	+	<i>BPSL2631</i>	N	A	G
Bp Chr I	3155069	CDS	+	<i>BPSL2631</i>	S	G	A
Bp Chr I	3155132	CDS	+	<i>BPSL2631</i>	S	G	A
Bp Chr I	3155204	CDS	+	<i>BPSL2631</i>	S	A	G
Bp Chr I	3155309	CDS	+	<i>BPSL2631</i>	S	G	T
Bp Chr I	3155462	CDS	+	<i>BPSL2631</i>	S	T	C
Bp Chr I	3155843	CDS	+	<i>BPSL2631</i>	S	T	G
Bp Chr I	3155990	CDS	+	<i>BPSL2631</i>	S	G	A
Bp Chr I	3156010	Intergenic	.	-	-	G	A
Bp Chr I	3156015	Intergenic	.	-	-	G	A
Bp Chr I	3156032	Intergenic	.	-	-	A	C
Bp Chr I	3156316	CDS	+	<i>BPSL2632</i>	N	C	T
Bp Chr I	3156336	CDS	+	<i>BPSL2632</i>	N	A	T
Bp Chr I	3156361	CDS	+	<i>BPSL2632</i>	N	G	A
Bp Chr I	3156378	CDS	+	<i>BPSL2632</i>	S	G	A
Bp Chr I	3156404	CDS	+	<i>BPSL2632</i>	N	C	T
Bp Chr I	3156740	Intergenic	.	-	-	C	T
Bp Chr I	3156745	Intergenic	.	-	-	G	A
Bp Chr I	3156780	Intergenic	.	-	-	C	G
Bp Chr I	3156801	Intergenic	.	-	-	C	T
Bp Chr I	3156922	Intergenic	.	-	-	A	T
Bp Chr I	3169555	CDS	+	<i>BPSL2646</i>	N	G	C
Bp Chr I	3169576	CDS	+	<i>BPSL2646</i>	S	G	A
Bp Chr I	3169805	CDS	+	<i>BPSL2646</i>	N	A	G

Bp Chr I	3169900	CDS	+	BPSL2646	S	C	T
Bp Chr I	3170062	CDS	+	BPSL2646	S	G	A
Bp Chr I	3170289	CDS	+	BPSL2646	N	A	G
Bp Chr I	3170434	CDS	+	BPSL2646	S	G	A
Bp Chr I	3170679	Intergenic	.	-	-	G	C
Bp Chr I	3170724	CDS	+	BPSL2647	N	C	T
Bp Chr I	3170785	CDS	+	BPSL2647	S	T	C
Bp Chr I	3170903	CDS	+	BPSL2647	N	G	A
Bp Chr I	3171650	CDS	+	BPSL2648	S	G	A
Bp Chr I	3171707	CDS	+	BPSL2648	S	T	C
Bp Chr I	3171883	CDS	+	BPSL2649	S	G	A
Bp Chr I	3172358	CDS	-	BPSL2650	N	G	T
Bp Chr I	3172380	CDS	-	BPSL2650	N	T	G
Bp Chr I	3172726	CDS	-	BPSL2650	S	G	A
Bp Chr I	3172761	CDS	-	BPSL2650	N	C	T
Bp Chr I	3172790	CDS	-	BPSL2650	N	T	C
Bp Chr I	3172816	CDS	-	BPSL2650	S	C	T
Bp Chr I	3172900	CDS	-	BPSL2650	S	G	A
Bp Chr I	3172908	CDS	-	BPSL2650	S	G	A
Bp Chr I	3173119	CDS	-	BPSL2650	S	G	A
Bp Chr I	3173269	CDS	-	BPSL2650	S	G	A
Bp Chr I	3173294	CDS	-	BPSL2650	N	T	C
Bp Chr I	3173323	CDS	-	BPSL2650	S	A	G
Bp Chr I	3173356	CDS	-	BPSL2650	S	G	A
Bp Chr I	3173473	CDS	-	BPSL2650	S	G	A
Bp Chr I	3173493	CDS	-	BPSL2650	N	C	G
Bp Chr I	3173511	Intergenic	.	-	-	G	T
Bp Chr I	3173551	Intergenic	.	-	-	T	C
Bp Chr I	3173606	Intergenic	.	-	-	C	T
Bp Chr I	3173718	Intergenic	.	-	-	G	A
Bp Chr I	3173749	Intergenic	.	-	-	A	C
Bp Chr I	3173839	Intergenic	.	-	-	C	T
Bp Chr I	3174367	CDS	+	BPSL2651	N	C	T
Bp Chr I	3174386	CDS	+	BPSL2651	S	C	T
Bp Chr I	3174445	CDS	+	BPSL2651	N	C	T
Bp Chr I	3174488	CDS	+	BPSL2651	S	G	A
Bp Chr I	3174806	CDS	+	BPSL2651	S	C	T
Bp Chr I	3187478	CDS	-	BPSL2664	S	A	C
Bp Chr I	3187864	CDS	-	BPSL2664	N	G	C
Bp Chr I	3188144	CDS	-	BPSL2665	S	G	A
Bp Chr I	3188180	CDS	-	BPSL2665	S	G	A
Bp Chr I	3188201	CDS	-	BPSL2665	S	G	A
Bp Chr I	3188220	CDS	-	BPSL2665	N	G	A
Bp Chr I	3188249	CDS	-	BPSL2665	S	C	T
Bp Chr I	3188561	CDS	-	BPSL2665	S	A	G
Bp Chr I	3188642	CDS	-	BPSL2665	S	G	A
Bp Chr I	3188783	CDS	-	BPSL2665	S	C	T
Bp Chr I	3188966	CDS	-	BPSL2665	S	G	A
Bp Chr I	3189011	Intergenic	.	-	-	T	C
Bp Chr I	3189035	Intergenic	.	-	-	G	A

Bp Chr I	3189433	CDS	-	BPSL2666	S	A	G
Bp Chr I	3189790	CDS	-	BPSL2666	N	T	C
Bp Chr I	3190082	CDS	-	BPSL2666	S	A	G
Bp Chr I	3190403	CDS	-	BPSL2666	S	C	G
Bp Chr I	3190490	CDS	-	BPSL2666	S	C	T
Bp Chr I	3190632	Intergenic	.	-	-	C	T
Bp Chr I	3190752	Intergenic	.	-	-	T	A
Bp Chr I	3190788	Intergenic	.	-	-	A	C
Bp Chr I	3190946	CDS	+	BPSL2667	N	A	C
Bp Chr I	3191208	CDS	+	BPSL2667	S	G	A
Bp Chr I	3191406	CDS	+	BPSL2667	S	C	G
Bp Chr I	3191457	CDS	+	BPSL2667	S	C	T
Bp Chr I	3191480	CDS	+	BPSL2667	N	A	G
Bp Chr I	3191529	CDS	+	BPSL2667	S	C	T
Bp Chr I	3191547	CDS	+	BPSL2667	S	T	C
Bp Chr I	3191655	CDS	+	BPSL2667	S	G	A
Bp Chr I	3191769	CDS	+	BPSL2667	S	T	C
Bp Chr I	3191937	CDS	+	BPSL2667	S	T	G
Bp Chr I	3191940	CDS	+	BPSL2667	S	G	A
Bp Chr I	3192199	CDS	+	BPSL2668	N	C	T
Bp Chr I	3192287	CDS	+	BPSL2668	S	G	A
Bp Chr I	3192437	CDS	+	BPSL2668	S	C	T
Bp Chr I	3192461	CDS	+	BPSL2668	S	G	C
Bp Chr I	3192470	CDS	+	BPSL2668	S	G	A
Bp Chr I	3192654	CDS	+	BPSL2668	N	T	A
Bp Chr I	3192787	CDS	+	BPSL2668	N	G	A
Bp Chr I	3192950	CDS	+	BPSL2669	N	T	C
Bp Chr I	3193680	CDS	+	BPSL2669	S	G	A
Bp Chr I	3193758	CDS	+	BPSL2669	S	G	A
Bp Chr I	3193809	CDS	+	BPSL2669	S	A	G
Bp Chr I	3193836	CDS	+	BPSL2669	S	C	G
Bp Chr I	3193908	CDS	+	BPSL2669	S	G	C
Bp Chr I	3194019	CDS	+	BPSL2669	S	A	G
Bp Chr I	3194405	CDS	+	BPSL2670	S	T	C
Bp Chr I	3194450	CDS	+	BPSL2670	S	G	A
Bp Chr I	3195091	CDS	+	BPSL2670	N	C	T
Bp Chr I	3215033	CDS	+	BPSL2687	S	T	C
Bp Chr I	3215114	CDS	+	BPSL2687	S	G	A
Bp Chr I	3215144	CDS	+	BPSL2687	S	G	C
Bp Chr I	3215289	Intergenic	.	-	-	C	T
Bp Chr I	3215298	Intergenic	.	-	-	G	A
Bp Chr I	3215312	Intergenic	.	-	-	A	G
Bp Chr I	3215332	Intergenic	.	-	-	G	A
Bp Chr I	3215431	CDS	-	BPSL2688	N	G	A
Bp Chr I	3215571	CDS	-	BPSL2688	S	C	T
Bp Chr I	3215583	CDS	-	BPSL2688	S	C	T
Bp Chr I	3215617	CDS	-	BPSL2688	N	C	G
Bp Chr I	3215679	CDS	-	BPSL2688	S	G	A
Bp Chr I	3215833	CDS	-	BPSL2688	N	C	T
Bp Chr I	3215880	CDS	-	BPSL2688	S	G	A

Bp Chr I	3216039	CDS	-	BPSL2688	S	T	C
Bp Chr I	3216425	CDS	-	BPSL2689	S	C	G
Bp Chr I	3216530	CDS	-	BPSL2689	S	C	T
Bp Chr I	3216620	CDS	-	BPSL2689	S	G	A
Bp Chr I	3217238	CDS	-	BPSL2689	S	A	G
Bp Chr I	3217430	CDS	-	BPSL2689	S	A	G
Bp Chr I	3217482	CDS	-	BPSL2689	N	G	A
Bp Chr I	3217576	Intergenic	.	-	-	T	C
Bp Chr I	3217601	Intergenic	.	-	-	C	T
Bp Chr I	3218049	CDS	-	BPSL2690	S	G	A
Bp Chr I	3218205	CDS	-	BPSL2690	S	C	T
Bp Chr I	3218337	CDS	-	BPSL2690	S	C	T
Bp Chr I	3218793	CDS	-	BPSL2691	N	G	A
Bp Chr I	3218879	CDS	-	BPSL2691	S	T	C
Bp Chr I	3218951	CDS	-	BPSL2691	S	T	C
Bp Chr I	3219170	CDS	-	BPSL2691	S	C	T
Bp Chr I	3219218	CDS	-	BPSL2691	S	A	G
Bp Chr I	3219573	CDS	-	BPSL2692	S	G	A
Bp Chr I	3219824	CDS	-	BPSL2693	S	G	A
Bp Chr I	3219992	CDS	-	BPSL2693	S	G	A
Bp Chr I	3220499	CDS	-	BPSL2694	N	G	A
Bp Chr I	3220500	CDS	-	BPSL2694	S	C	T
Bp Chr I	3220704	CDS	-	BPSL2694	S	A	G
Bp Chr I	3220856	CDS	-	BPSL2694	N	C	T
Bp Chr I	3220986	CDS	-	BPSL2694	S	C	A
Bp Chr I	3221019	CDS	-	BPSL2694	S	G	A
Bp Chr I	3221082	CDS	-	BPSL2694	S	G	A
Bp Chr I	3221202	CDS	-	BPSL2694	S	T	C
Bp Chr I	3221210	CDS	-	BPSL2694	N	T	C
Bp Chr I	3221343	CDS	-	BPSL2694	S	C	T
Bp Chr I	3221485	CDS	-	BPSL2694	N	G	A
Bp Chr I	3221674	CDS	-	BPSL2694	N	G	A
Bp Chr I	3221751	CDS	-	BPSL2694	S	G	A
Bp Chr I	3221972	CDS	-	BPSL2695	S	G	T
Bp Chr I	3222005	CDS	-	BPSL2695	S	A	G
Bp Chr I	3222131	Intergenic	.	-	-	G	A
Bp Chr I	3222442	CDS	+	BPSL2696	S	T	C
Bp Chr I	3235007	CDS	-	BPSL2705	N	T	C
Bp Chr I	3235035	CDS	-	BPSL2705	S	C	T
Bp Chr I	3235091	CDS	-	BPSL2705	N	T	C
Bp Chr I	3235137	CDS	-	BPSL2705	S	G	A
Bp Chr I	3235492	CDS	-	BPSL2706	N	G	T
Bp Chr I	3235721	CDS	-	BPSL2706	S	G	C
Bp Chr I	3235742	CDS	-	BPSL2706	S	G	A
Bp Chr I	3235959	CDS	-	BPSL2706	N	C	T
Bp Chr I	3236021	CDS	-	BPSL2706	S	C	T
Bp Chr I	3236026	CDS	-	BPSL2706	N	C	T
Bp Chr I	3236378	CDS	-	BPSL2706	S	G	A
Bp Chr I	3236624	CDS	-	BPSL2706	S	C	T
Bp Chr I	3236717	CDS	-	BPSL2706	S	T	C

Bp Chr I	3236802	CDS	-	<i>BPSL2706</i>	N	G	A
Bp Chr I	3236911	CDS	-	<i>BPSL2706</i>	N	C	T
Bp Chr I	3236953	Intergenic	.	-	-	G	A
Bp Chr I	3237430	Intergenic	.	-	-	T	C
Bp Chr I	3237526	Intergenic	.	-	-	C	T
Bp Chr I	3237686	CDS	-	<i>BPSL2707</i>	N	C	T
Bp Chr I	3237687	CDS	-	<i>BPSL2707</i>	S	C	A
Bp Chr I	3237691	CDS	-	<i>BPSL2707</i>	N	C	G
Bp Chr I	3237834	CDS	-	<i>BPSL2707</i>	S	A	G
Bp Chr I	3268755	Intergenic	.	-	-	G	A
Bp Chr I	3269010	CDS	-	<i>BPSL2730</i>	S	G	A
Bp Chr I	3269325	CDS	-	<i>BPSL2730</i>	S	C	T
Bp Chr I	3269413	CDS	-	<i>BPSL2730</i>	N	G	A
Bp Chr I	3269456	CDS	-	<i>BPSL2730</i>	S	G	A
Bp Chr I	3269496	CDS	-	<i>BPSL2730</i>	S	T	C
Bp Chr I	3269562	CDS	-	<i>BPSL2730</i>	S	G	A
Bp Chr I	3269821	CDS	-	<i>BPSL2730</i>	N	C	T
Bp Chr I	3269846	Intergenic	.	-	-	G	A
Bp Chr I	3270320	CDS	+	<i>BPSL2731</i>	S	T	C
Bp Chr I	3270371	CDS	+	<i>BPSL2731</i>	S	C	T
Bp Chr I	3270539	CDS	+	<i>BPSL2731</i>	S	C	G
Bp Chr I	3270596	CDS	+	<i>BPSL2731</i>	N	G	C
Bp Chr I	3270624	CDS	+	<i>BPSL2731</i>	N	T	A
Bp Chr I	3270710	CDS	+	<i>BPSL2731</i>	S	C	T
Bp Chr I	3270749	CDS	+	<i>BPSL2731</i>	S	G	A
Bp Chr I	3270824	CDS	+	<i>BPSL2731</i>	S	C	T
Bp Chr I	3270836	CDS	+	<i>BPSL2731</i>	S	G	C
Bp Chr I	3270847	CDS	+	<i>BPSL2731</i>	N	G	A
Bp Chr I	3271239	CDS	-	<i>BPSL2732</i>	S	A	G
Bp Chr I	3271503	CDS	-	<i>BPSL2732</i>	S	T	C
Bp Chr I	3271567	CDS	-	<i>BPSL2732</i>	N	G	C
Bp Chr I	3271611	CDS	-	<i>BPSL2732</i>	S	A	G
Bp Chr I	3272064	CDS	-	<i>BPSL2732</i>	S	A	G
Bp Chr I	3272331	Intergenic	.	-	-	C	T
Bp Chr I	3272359	Intergenic	.	-	-	C	T
Bp Chr I	3272505	Intergenic	.	-	-	C	T
Bp Chr I	3272643	Intergenic	.	-	-	C	T
Bp Chr I	3272716	Intergenic	.	-	-	T	C
Bp Chr I	3272761	Intergenic	.	-	-	C	T
Bp Chr I	3273521	CDS	+	<i>BPSL2733</i>	S	G	A
Bp Chr I	3273577	CDS	+	<i>BPSL2733</i>	N	G	A
Bp Chr I	3273701	CDS	+	<i>BPSL2733</i>	S	G	A
Bp Chr I	3273812	CDS	+	<i>BPSL2733</i>	S	C	T
Bp Chr I	3274087	CDS	+	<i>BPSL2734</i>	N	G	C
Bp Chr I	3274204	CDS	+	<i>BPSL2734</i>	N	G	A
Bp Chr I	3290136	CDS	+	<i>BPSL2747</i>	S	G	C
Bp Chr I	3290253	CDS	+	<i>BPSL2747</i>	S	C	T
Bp Chr I	3290367	CDS	+	<i>BPSL2747</i>	S	C	G
Bp Chr I	3290880	Intergenic	.	-	-	A	G
Bp Chr I	3290915	Intergenic	.	-	-	C	G

Bp Chr I	3291086	CDS	-	<i>BPSL2748</i>	S	A	G
Bp Chr I	3291263	CDS	-	<i>BPSL2748</i>	S	G	A
Bp Chr I	3291377	CDS	-	<i>BPSL2748</i>	S	G	A
Bp Chr I	3291922	Intergenic	.	-	-	G	A
Bp Chr I	3291953	Intergenic	.	-	-	A	G
Bp Chr I	3292285	CDS	+	<i>BPSL2749</i>	S	C	T
Bp Chr I	3292306	Intergenic	.	-	-	C	T
Bp Chr I	3292328	Intergenic	.	-	-	T	C
Bp Chr I	3292338	Intergenic	.	-	-	G	A
Bp Chr I	3292339	Intergenic	.	-	-	T	C
Bp Chr I	3292341	Intergenic	.	-	-	A	T
Bp Chr I	3292390	Intergenic	.	-	-	C	T
Bp Chr I	3292660	CDS	+	<i>BPSL2750</i>	S	G	A
Bp Chr I	3292919	CDS	+	<i>BPSL2751</i>	S	G	A
Bp Chr I	3292979	CDS	+	<i>BPSL2751</i>	S	G	A
Bp Chr I	3292994	CDS	+	<i>BPSL2751</i>	S	C	T
Bp Chr I	3293016	CDS	+	<i>BPSL2751</i>	N	A	C
Bp Chr I	3293130	CDS	+	<i>BPSL2751</i>	S	T	C
Bp Chr I	3293276	CDS	+	<i>BPSL2751</i>	S	C	T
Bp Chr I	3293291	CDS	+	<i>BPSL2751</i>	S	G	A
Bp Chr I	3293352	Intergenic	.	-	-	G	A
Bp Chr I	3293380	Intergenic	.	-	-	T	G
Bp Chr I	3293394	Intergenic	.	-	-	A	G
Bp Chr I	3293443	CDS	-	<i>BPSL2752</i>	N	C	T
Bp Chr I	3293604	CDS	-	<i>BPSL2752</i>	N	A	C
Bp Chr I	3294029	CDS	-	<i>BPSL2753</i>	N	G	C
Bp Chr I	3294193	CDS	-	<i>BPSL2753</i>	N	T	G
Bp Chr I	3294207	CDS	-	<i>BPSL2753</i>	S	G	A
Bp Chr I	3294219	CDS	-	<i>BPSL2753</i>	S	G	A
Bp Chr I	3294378	CDS	-	<i>BPSL2753</i>	S	G	A
Bp Chr I	3294418	CDS	-	<i>BPSL2753</i>	N	G	A
Bp Chr I	3294439	CDS	-	<i>BPSL2753</i>	N	G	A
Bp Chr I	3294639	CDS	-	<i>BPSL2754</i>	N	G	A
Bp Chr I	3294788	CDS	-	<i>BPSL2754</i>	S	T	C
Bp Chr I	3294982	CDS	-	<i>BPSL2754</i>	N	T	C
Bp Chr I	3295402	CDS	-	<i>BPSL2755</i>	S	G	A
Bp Chr I	3295787	CDS	-	<i>BPSL2756</i>	N	G	A
Bp Chr I	3295859	CDS	-	<i>BPSL2756</i>	N	C	T
Bp Chr I	3295933	CDS	-	<i>BPSL2756</i>	N	A	G
Bp Chr I	3296154	CDS	-	<i>BPSL2756</i>	S	G	A
Bp Chr I	3296296	Intergenic	.	-	-	C	T
Bp Chr I	3296326	Intergenic	.	-	-	G	A
Bp Chr I	3296351	Intergenic	.	-	-	G	A
Bp Chr I	3296705	CDS	-	<i>BPSL2757</i>	S	A	G
Bp Chr I	3297089	CDS	-	<i>BPSL2758</i>	S	C	T
Bp Chr I	3297152	CDS	-	<i>BPSL2758</i>	S	G	A
Bp Chr I	3297221	CDS	-	<i>BPSL2758</i>	S	G	A
Bp Chr I	3297275	CDS	-	<i>BPSL2758</i>	S	G	A
Bp Chr I	3297385	CDS	-	<i>BPSL2758</i>	N	T	C
Bp Chr I	3297497	CDS	-	<i>BPSL2758</i>	S	G	A

Bp Chr I	3298368	Intergenic	.	-	-	C	A
Bp Chr I	3298407	Intergenic	.	-	-	G	A
Bp Chr I	3317156	CDS	-	<i>BPSL2778</i>	N	A	G
Bp Chr I	3317479	CDS	-	<i>BPSL2778</i>	N	G	A
Bp Chr I	3317897	CDS	-	<i>BPSL2779</i>	S	G	A
Bp Chr I	3317951	CDS	-	<i>BPSL2779</i>	S	G	A
Bp Chr I	3318063	CDS	-	<i>BPSL2779</i>	N	C	G
Bp Chr I	3318101	CDS	-	<i>BPSL2779</i>	S	G	A
Bp Chr I	3318259	CDS	-	<i>BPSL2779</i>	N	T	C
Bp Chr I	3318442	CDS	-	<i>BPSL2780</i>	S	C	A
Bp Chr I	3318678	CDS	-	<i>BPSL2780</i>	N	C	T
Bp Chr I	3318705	CDS	-	<i>BPSL2780</i>	N	T	G
Bp Chr I	3318710	CDS	-	<i>BPSL2780</i>	N	C	T
Bp Chr I	3318715	CDS	-	<i>BPSL2780</i>	S	G	A
Bp Chr I	3318907	CDS	-	<i>BPSL2780</i>	S	G	A
Bp Chr I	3319146	CDS	-	<i>BPSL2780</i>	N	A	G
Bp Chr I	3319249	CDS	-	<i>BPSL2780</i>	S	C	T
Bp Chr I	3319429	CDS	-	<i>BPSL2780</i>	S	T	C
Bp Chr I	3319446	CDS	-	<i>BPSL2780</i>	N	C	T
Bp Chr I	3319668	CDS	-	<i>BPSL2781</i>	S	G	A
Bp Chr I	3319680	CDS	-	<i>BPSL2781</i>	S	A	G
Bp Chr I	3319772	CDS	-	<i>BPSL2781</i>	N	C	T
Bp Chr I	3319788	CDS	-	<i>BPSL2781</i>	S	C	T
Bp Chr I	3320265	CDS	-	<i>BPSL2781</i>	S	G	C
Bp Chr I	3320268	CDS	-	<i>BPSL2781</i>	S	G	C
Bp Chr I	3320271	CDS	-	<i>BPSL2781</i>	S	A	G
Bp Chr I	3320412	CDS	-	<i>BPSL2781</i>	S	G	A
Bp Chr I	3320705	Intergenic	.	-	-	A	C
Bp Chr I	3320796	Intergenic	.	-	-	A	G
Bp Chr I	3320818	Intergenic	.	-	-	G	A
Bp Chr I	3320824	Intergenic	.	-	-	C	T
Bp Chr I	3320889	CDS	-	<i>BPSL2782</i>	S	A	G
Bp Chr I	3320952	CDS	-	<i>BPSL2782</i>	S	A	G
Bp Chr I	3321165	CDS	-	<i>BPSL2782</i>	S	G	A
Bp Chr I	3321303	CDS	-	<i>BPSL2782</i>	S	A	G
Bp Chr I	3321306	CDS	-	<i>BPSL2782</i>	S	G	A
Bp Chr I	3321513	CDS	-	<i>BPSL2782</i>	S	G	A
Bp Chr I	3321543	CDS	-	<i>BPSL2782</i>	S	A	G
Bp Chr I	3321717	CDS	-	<i>BPSL2782</i>	S	G	A
Bp Chr I	3321854	CDS	-	<i>BPSL2782</i>	N	T	A
Bp Chr I	3321928	Intergenic	.	-	-	T	G
Bp Chr I	3322085	Intergenic	.	-	-	G	A
Bp Chr I	3322092	Intergenic	.	-	-	T	C
Bp Chr I	3322123	Intergenic	.	-	-	C	T
Bp Chr I	3322148	Intergenic	.	-	-	G	A,T
Bp Chr I	3322232	Intergenic	.	-	-	A	G
Bp Chr I	3322280	Intergenic	.	-	-	A	G
Bp Chr I	3371692	CDS	+	<i>BPSL2819</i>	S	G	A
Bp Chr I	3372248	CDS	+	<i>BPSL2820</i>	N	T	C
Bp Chr I	3372622	CDS	+	<i>BPSL2820</i>	S	G	A

Bp Chr I	3372933	CDS	+	<i>BPSL2821</i>	S	C	T
Bp Chr I	3373170	CDS	+	<i>BPSL2821</i>	S	C	T
Bp Chr I	3373272	CDS	+	<i>BPSL2821</i>	S	A	G
Bp Chr I	3373335	CDS	+	<i>BPSL2821</i>	S	T	C
Bp Chr I	3373423	CDS	+	<i>BPSL2821</i>	S	C	T
Bp Chr I	3373461	CDS	+	<i>BPSL2821</i>	S	A	G
Bp Chr I	3373518	CDS	+	<i>BPSL2821</i>	S	C	T
Bp Chr I	3374009	CDS	+	<i>BPSL2821</i>	N	T	C
Bp Chr I	3374047	CDS	+	<i>BPSL2821</i>	N	C	T
Bp Chr I	3374080	CDS	+	<i>BPSL2821</i>	N	C	T
Bp Chr I	3374361	CDS	+	<i>BPSL2822</i>	S	G	A
Bp Chr I	3374512	CDS	+	<i>BPSL2822</i>	N	A	G
Bp Chr I	3374521	CDS	+	<i>BPSL2822</i>	N	G	A
Bp Chr I	3374562	CDS	+	<i>BPSL2822</i>	S	G	A
Bp Chr I	3374754	CDS	+	<i>BPSL2822</i>	S	C	T
Bp Chr I	3374966	CDS	+	<i>BPSL2823</i>	S	C	G
Bp Chr I	3375530	Intergenic	.	-	-	G	A
Bp Chr I	3375630	CDS	+	<i>BPSL2824</i>	S	G	A
Bp Chr I	3375892	CDS	+	<i>BPSL2824</i>	N	G	A
Bp Chr I	3376080	CDS	+	<i>BPSL2824</i>	S	A	G
Bp Chr I	3376332	CDS	+	<i>BPSL2824</i>	S	A	G
Bp Chr I	3376550	Intergenic	.	-	-	G	A
Bp Chr I	3376642	CDS	-	<i>BPSL2825</i>	S	C	T
Bp Chr I	3376789	CDS	-	<i>BPSL2825</i>	S	C	T
Bp Chr I	3377435	CDS	-	<i>BPSL2825</i>	N	G	T
Bp Chr I	3380442	CDS	-	<i>BPSL2827</i>	S	T	C
Bp Chr I	3380637	CDS	-	<i>BPSL2827</i>	S	T	C
Bp Chr I	3380970	CDS	-	<i>BPSL2827</i>	S	G	A
Bp Chr I	3381270	CDS	-	<i>BPSL2827</i>	S	G	A
Bp Chr I	3381639	CDS	-	<i>BPSL2827</i>	S	C	G
Bp Chr I	3382173	CDS	-	<i>BPSL2828</i>	N	C	T
Bp Chr I	3382228	Intergenic	.	-	-	T	C
Bp Chr I	3382231	CDS	-	<i>BPSL2828</i>	S	G	A
Bp Chr I	3382741	CDS	-	<i>BPSL2829</i>	S	G	A
Bp Chr I	3382749	CDS	-	<i>BPSL2829</i>	N	C	T
Bp Chr I	3382819	CDS	-	<i>BPSL2829</i>	S	G	A
Bp Chr I	3382831	CDS	-	<i>BPSL2829</i>	S	C	A
Bp Chr I	3382903	CDS	-	<i>BPSL2829</i>	S	G	C
Bp Chr I	3383026	CDS	-	<i>BPSL2829</i>	S	G	A
Bp Chr I	3383265	Intergenic	.	-	-	T	C
Bp Chr I	3383287	Intergenic	.	-	-	T	A
Bp Chr I	3383311	Intergenic	.	-	-	G	A
Bp Chr I	3383402	Intergenic	.	-	-	T	C
Bp Chr I	3383435	Intergenic	.	-	-	C	T
Bp Chr I	3383485	Intergenic	.	-	-	G	A
Bp Chr I	3384004	CDS	-	<i>BPSL2830</i>	N	C	T
Bp Chr I	3384040	CDS	-	<i>BPSL2831</i>	S	G	A
Bp Chr I	3384121	CDS	-	<i>BPSL2831</i>	S	G	A
Bp Chr I	3384142	CDS	-	<i>BPSL2831</i>	S	G	A
Bp Chr I	3384202	CDS	-	<i>BPSL2831</i>	S	C	T

Bp Chr I	3384265	CDS	-	BPSL2831	S	G	A
Bp Chr I	3384272	CDS	-	BPSL2831	N	G	A
Bp Chr I	3384363	CDS	-	BPSL2831	N	T	G
Bp Chr I	3384397	CDS	-	BPSL2831	S	C	T
Bp Chr I	3384481	CDS	-	BPSL2831	S	G	A
Bp Chr I	3384655	CDS	-	BPSL2831	S	T	C
Bp Chr I	3384691	CDS	-	BPSL2831	S	G	A
Bp Chr I	3384791	CDS	-	BPSL2831	N	G	A
Bp Chr I	3384865	CDS	-	BPSL2831	S	A	G
Bp Chr I	3384874	CDS	-	BPSL2831	S	T	C
Bp Chr I	3385113	CDS	-	BPSL2831	N	G	A
Bp Chr I	3385226	Intergenic	.	-	-	G	C
Bp Chr I	3385265	Intergenic	.	-	-	G	A
Bp Chr I	3385433	CDS	-	BPSL2832	2	G	C
Bp Chr I	3385436	CDS	-	BPSL2832	S	C	T
Bp Chr I	3385484	CDS	-	BPSL2832	S	G	A
Bp Chr I	3385514	CDS	-	BPSL2832	S	G	A
Bp Chr I	3385720	CDS	-	BPSL2832	S	G	A
Bp Chr I	3386116	CDS	-	BPSL2832	S	G	T
Bp Chr I	3386559	CDS	+	BPSL2833	N	G	T
Bp Chr I	3386891	CDS	+	BPSL2833	S	T	C
Bp Chr I	3386903	CDS	+	BPSL2833	S	G	A
Bp Chr I	3387005	CDS	+	BPSL2833	S	G	A
Bp Chr I	3387164	CDS	+	BPSL2833	S	G	A
Bp Chr I	3447083	CDS	+	BPSL2881	S	C	G
Bp Chr I	3447134	CDS	+	BPSL2881	S	C	T
Bp Chr I	3447722	CDS	+	BPSL2881	S	C	T
Bp Chr I	3448112	CDS	+	BPSL2881	S	G	A
Bp Chr I	3448198	CDS	+	BPSL2881	N	G	A
Bp Chr I	3448231	CDS	+	BPSL2881	N	C	T
Bp Chr I	3456319	Intergenic	.	-	-	G	A
Bp Chr I	3457323	CDS	+	BPSL2889	S	G	A
Bp Chr I	3457374	CDS	+	BPSL2889	S	C	T
Bp Chr I	3457491	CDS	+	BPSL2889	S	G	A
Bp Chr I	3457603	CDS	+	BPSL2889	N	G	A
Bp Chr I	3457756	CDS	+	BPSL2889	S	C	T
Bp Chr I	3457983	CDS	+	BPSL2889	S	T	C
Bp Chr I	3458338	CDS	+	BPSL2890	S	C	T
Bp Chr I	3458874	CDS	+	BPSL2890	N	A	G
Bp Chr I	3459076	CDS	+	BPSL2890	S	C	T
Bp Chr I	3459266	CDS	+	BPSL2890	S	C	T
Bp Chr I	3474998	CDS	+	BPSL2905	N	A	G
Bp Chr I	3475426	CDS	+	BPSL2905	S	G	A
Bp Chr I	3475477	CDS	+	BPSL2905	S	C	A
Bp Chr I	3475493	CDS	+	BPSL2905	N	G	C
Bp Chr I	3475500	CDS	+	BPSL2905	N	C	T
Bp Chr I	3475620	CDS	+	BPSL2905	N	A	C
Bp Chr I	3475621	CDS	+	BPSL2905	S	A	G
Bp Chr I	3475702	CDS	+	BPSL2905	S	C	T
Bp Chr I	3475837	CDS	+	BPSL2905	S	A	G

Bp Chr I	3475884	CDS	+	<i>BPSL2905</i>	N	A	G
Bp Chr I	3476032	CDS	+	<i>BPSL2905</i>	S	G	T
Bp Chr I	3476088	Intergenic	.	-	-	C	G
Bp Chr I	3476098	Intergenic	.	-	-	T	G
Bp Chr I	3476103	Intergenic	.	-	-	A	G
Bp Chr I	3476136	Intergenic	.	-	-	C	T
Bp Chr I	3476169	Intergenic	.	-	-	C	T
Bp Chr I	3476171	Intergenic	.	-	-	A	G
Bp Chr I	3476333	CDS	-	<i>BPSL2906</i>	N	G	A
Bp Chr I	3476356	CDS	-	<i>BPSL2906</i>	S	G	A
Bp Chr I	3476359	CDS	-	<i>BPSL2906</i>	S	A	G
Bp Chr I	3476960	CDS	-	<i>BPSL2907</i>	S	A	C
Bp Chr I	3477578	CDS	-	<i>BPSL2907</i>	S	C	G
Bp Chr I	3477581	CDS	-	<i>BPSL2907</i>	S	C	T
Bp Chr I	3477683	Intergenic	.	-	-	T	C
Bp Chr I	3477916	CDS	+	<i>BPSL2908</i>	N	C	T
Bp Chr I	3492559	CDS	-	<i>BPSL2925</i>	S	G	C
Bp Chr I	3492654	CDS	-	<i>BPSL2925</i>	N	C	A
Bp Chr I	3492817	CDS	-	<i>BPSL2925</i>	S	A	G
Bp Chr I	3493285	CDS	-	<i>BPSL2925</i>	S	A	G
Bp Chr I	3493425	CDS	-	<i>BPSL2925</i>	S	G	A
Bp Chr I	3493601	Intergenic	.	-	-	G	A
Bp Chr I	3493705	Intergenic	.	-	-	G	A
Bp Chr I	3493713	Intergenic	.	-	-	G	A
Bp Chr I	3493789	Intergenic	.	-	-	A	C
Bp Chr I	3493830	Intergenic	.	-	-	C	A
Bp Chr I	3493881	Intergenic	.	-	-	G	A
Bp Chr I	3493884	Intergenic	.	-	-	G	A
Bp Chr I	3494103	CDS	-	<i>BPSL2926</i>	S	G	A
Bp Chr I	3494110	CDS	-	<i>BPSL2926</i>	N	A	G
Bp Chr I	3494154	CDS	-	<i>BPSL2926</i>	S	G	A
Bp Chr I	3494241	CDS	-	<i>BPSL2926</i>	S	G	C
Bp Chr I	3494367	CDS	-	<i>BPSL2926</i>	S	G	A
Bp Chr I	3494397	CDS	-	<i>BPSL2926</i>	S	A	G
Bp Chr I	3494499	CDS	-	<i>BPSL2926</i>	S	T	C
Bp Chr I	3494864	Intergenic	.	-	-	G	A
Bp Chr I	3494942	Intergenic	.	-	-	A	G
Bp Chr I	3494985	Intergenic	.	-	-	T	C
Bp Chr I	3494992	Intergenic	.	-	-	G	A
Bp Chr I	3495046	Intergenic	.	-	-	G	A
Bp Chr I	3495067	Intergenic	.	-	-	G	A
Bp Chr I	3495073	Intergenic	.	-	-	G	A
Bp Chr I	3495125	Intergenic	.	-	-	C	T
Bp Chr I	3495148	Intergenic	.	-	-	T	C
Bp Chr I	3495154	Intergenic	.	-	-	G	C
Bp Chr I	3495176	Intergenic	.	-	-	A	G
Bp Chr I	3495185	Intergenic	.	-	-	G	A
Bp Chr I	3495199	Intergenic	.	-	-	G	A
Bp Chr I	3495458	CDS	+	<i>BPSL2927</i>	S	G	T
Bp Chr I	3495740	CDS	+	<i>BPSL2927</i>	S	C	T

Bp Chr I	3495752	CDS	+	BPSL2927	S	G	A
Bp Chr I	3495767	CDS	+	BPSL2927	S	G	A
Bp Chr I	3495811	CDS	+	BPSL2927	N	G	A
Bp Chr I	3495828	CDS	+	BPSL2927	N	A	G
Bp Chr I	3495936	CDS	+	BPSL2927	N	A	C
Bp Chr I	3496004	CDS	+	BPSL2927	S	A	G
Bp Chr I	3496544	CDS	+	BPSL2927	S	G	A
Bp Chr I	3496580	CDS	+	BPSL2927	S	G	A
Bp Chr I	3496655	CDS	+	BPSL2927	S	C	T
Bp Chr I	3496749	Intergenic	.	-	-	G	A
Bp Chr I	3496751	Intergenic	.	-	-	G	A
Bp Chr I	3496778	CDS	+	BPSL2928	N	G	A
Bp Chr I	3497131	CDS	+	BPSL2928	S	A	G
Bp Chr I	3497328	CDS	+	BPSL2928	N	A	C
Bp Chr I	3497563	CDS	+	BPSL2928	S	C	G
Bp Chr I	3498360	CDS	-	BPSL2929	N	C	T
Bp Chr I	3498403	CDS	-	BPSL2929	N	C	G
Bp Chr I	3498590	CDS	-	BPSL2929	S	G	A
Bp Chr I	3498984	CDS	-	BPSL2930	S	C	T
Bp Chr I	3499008	CDS	-	BPSL2930	S	G	A
Bp Chr I	3499537	CDS	-	BPSL2930	N	G	T
Bp Chr I	3499740	CDS	-	BPSL2930	S	C	A
Bp Chr I	3548926	CDS	-	BPSL2975	S	C	T
Bp Chr I	3549028	CDS	-	BPSL2975	S	C	G
Bp Chr I	3549096	CDS	-	BPSL2975	N	T	C
Bp Chr I	3549363	CDS	-	BPSL2976	S	C	G
Bp Chr I	3549375	CDS	-	BPSL2976	S	C	T
Bp Chr I	3549535	CDS	-	BPSL2976	N	G	A
Bp Chr I	3549536	CDS	-	BPSL2976	N	C	T
Bp Chr I	3549570	CDS	-	BPSL2976	S	G	A
Bp Chr I	3549945	CDS	-	BPSL2976	S	A	G
Bp Chr I	3550184	CDS	-	BPSL2976	N	T	C
Bp Chr I	3551117	CDS	-	BPSL2977	S	A	G
Bp Chr I	3551151	CDS	-	BPSL2977	N	G	C
Bp Chr I	3551261	CDS	-	BPSL2977	S	G	A
Bp Chr I	3551411	CDS	-	BPSL2977	S	A	G
Bp Chr I	3551621	CDS	-	BPSL2977	S	G	C
Bp Chr I	3551888	CDS	-	BPSL2977	S	C	T
Bp Chr I	3551897	CDS	-	BPSL2977	S	G	A
Bp Chr I	3551984	CDS	-	BPSL2977	S	G	A
Bp Chr I	3552059	CDS	-	BPSL2977	S	T	C
Bp Chr I	3552374	Intergenic	.	-	-	G	A
Bp Chr I	3552398	CDS	-	BPSL2978	S	A	G
Bp Chr I	3566170	CDS	-	BPSL2992	S	G	A
Bp Chr I	3566710	CDS	-	BPSL2992	S	G	T
Bp Chr I	3566806	CDS	-	BPSL2992	S	G	A
Bp Chr I	3566881	CDS	-	BPSL2992	S	A	G
Bp Chr I	3566915	CDS	-	BPSL2992	N	G	A
Bp Chr I	3567137	CDS	-	BPSL2992	N	G	A
Bp Chr I	3567313	CDS	-	BPSL2992	S	A	G

Bp Chr I	3567541	CDS	-	<i>BPSL2992</i>	S	C	T
Bp Chr I	3567748	CDS	-	<i>BPSL2992</i>	S	C	A
Bp Chr I	3567796	CDS	-	<i>BPSL2992</i>	S	C	G
Bp Chr I	3568147	CDS	-	<i>BPSL2992</i>	S	G	A
Bp Chr I	3568191	CDS	-	<i>BPSL2992</i>	S	G	A
Bp Chr I	3568195	CDS	-	<i>BPSL2992</i>	S	G	A
Bp Chr I	3568326	CDS	-	<i>BPSL2992</i>	S	A	G
Bp Chr I	3568743	Intergenic	.	-	-	G	A
Bp Chr I	3568806	Intergenic	.	-	-	C	G
Bp Chr I	3568816	Intergenic	.	-	-	G	A
Bp Chr I	3568853	Intergenic	.	-	-	G	A
Bp Chr I	3568908	Intergenic	.	-	-	C	G
Bp Chr I	3568909	Intergenic	.	-	-	G	A
Bp Chr I	3568922	Intergenic	.	-	-	C	T
Bp Chr I	3568944	Intergenic	.	-	-	G	C
Bp Chr I	3569050	Intergenic	.	-	-	G	A
Bp Chr I	3569250	CDS	-	<i>BPSL2993</i>	S	G	A
Bp Chr I	3569340	CDS	-	<i>BPSL2993</i>	S	G	A
Bp Chr I	3569851	CDS	-	<i>BPSL2993a</i>	N	C	T
Bp Chr I	3569912	CDS	-	<i>BPSL2993a</i>	S	T	C
Bp Chr I	3569941	CDS	-	<i>BPSL2993a</i>	N	T	C
Bp Chr I	3569948	CDS	-	<i>BPSL2993a</i>	S	C	A,G
Bp Chr I	3569992	CDS	-	<i>BPSL2993a</i>	N	C	G
Bp Chr I	3570224	CDS	-	<i>BPSL2994</i>	N	C	T
Bp Chr I	3570443	CDS	-	<i>BPSL2994</i>	N	A	T
Bp Chr I	3570476	CDS	-	<i>BPSL2994</i>	S	G	A
Bp Chr I	3570912	CDS	-	<i>BPSL2994</i>	S	G	A
Bp Chr I	3571023	Intergenic	.	-	-	C	T
Bp Chr I	3571154	CDS	+	<i>BPSL2995</i>	S	C	A
Bp Chr I	3571223	CDS	+	<i>BPSL2995</i>	S	G	A
Bp Chr I	3571439	CDS	+	<i>BPSL2995</i>	S	G	A
Bp Chr I	3571728	CDS	+	<i>BPSL2995</i>	N	G	A
Bp Chr I	3571832	CDS	+	<i>BPSL2995</i>	S	C	T
Bp Chr I	3572180	CDS	+	<i>BPSL2995</i>	S	G	A
Bp Chr I	3572216	CDS	+	<i>BPSL2995</i>	S	G	A
Bp Chr I	3572453	CDS	+	<i>BPSL2995</i>	S	T	C
Bp Chr I	3573128	Intergenic	.	-	-	C	T
Bp Chr I	3573206	Intergenic	.	-	-	A	C
Bp Chr I	3573241	Intergenic	.	-	-	C	T
Bp Chr I	3573315	CDS	-	<i>BPSL2997</i>	N	G	A
Bp Chr I	3573413	CDS	-	<i>BPSL2997</i>	S	C	T
Bp Chr I	3573443	CDS	-	<i>BPSL2997</i>	S	C	T
Bp Chr I	3573464	CDS	-	<i>BPSL2997</i>	S	C	A
Bp Chr I	3573467	CDS	-	<i>BPSL2997</i>	S	G	A
Bp Chr I	3573920	Intergenic	.	-	-	C	T
Bp Chr I	3573963	CDS	-	<i>BPSL2998</i>	S	G	A
Bp Chr I	3574164	CDS	-	<i>BPSL2998</i>	N	G	C
Bp Chr I	3574422	CDS	-	<i>BPSL2998</i>	S	A	G
Bp Chr I	3574731	CDS	-	<i>BPSL2998</i>	S	C	T
Bp Chr I	3574756	CDS	-	<i>BPSL2998</i>	N	T	A

Bp Chr I	3574781	CDS	-	BPSL2998	S	G	A
Bp Chr I	3574815	CDS	-	BPSL2998	S	C	T
Bp Chr I	3574950	CDS	-	BPSL2998	S	T	C
Bp Chr I	3575055	CDS	-	BPSL2998	S	G	A
Bp Chr I	3575322	CDS	-	BPSL2998	S	G	A
Bp Chr I	3575472	CDS	-	BPSL2998	S	G	A
Bp Chr I	3576489	CDS	+	BPSL2999	S	G	T
Bp Chr I	3576570	Intergenic	.	-	-	A	T
Bp Chr I	3576958	CDS	+	BPSL3000	S	T	C
Bp Chr I	3577011	CDS	+	BPSL3000	N	G	A
Bp Chr I	3577013	CDS	+	BPSL3000	N	A	G
Bp Chr I	3579265	CDS	-	BPSL3002	S	T	C
Bp Chr I	3579430	CDS	-	BPSL3002	S	C	T
Bp Chr I	3579478	CDS	-	BPSL3002	S	G	A
Bp Chr I	3579763	CDS	-	BPSL3002	S	G	A
Bp Chr I	3579922	CDS	-	BPSL3002	S	G	C
Bp Chr I	3580321	CDS	-	BPSL3003	S	T	C
Bp Chr I	3580330	CDS	-	BPSL3003	S	G	A
Bp Chr I	3580473	CDS	-	BPSL3003	N	G	A
Bp Chr I	3580612	CDS	-	BPSL3003	S	A	G
Bp Chr I	3580891	CDS	-	BPSL3003	S	C	A
Bp Chr I	3581328	Intergenic	.	-	-	T	C
Bp Chr I	3581418	Intergenic	.	-	-	G	A
Bp Chr I	3581657	CDS	-	BPSL3004	S	G	A
Bp Chr I	3582130	Intergenic	.	-	-	T	C
Bp Chr I	3582144	Intergenic	.	-	-	G	C
Bp Chr I	3582268	Intergenic	.	-	-	G	A
Bp Chr I	3582528	CDS	+	BPSL3006	N	A	G
Bp Chr I	3582718	CDS	+	BPSL3006	S	C	T
Bp Chr I	3582757	CDS	+	BPSL3006	S	G	A
Bp Chr I	3582802	CDS	+	BPSL3006	S	T	C
Bp Chr I	3582896	CDS	+	BPSL3006	N	G	A
Bp Chr I	3582985	CDS	+	BPSL3006	S	T	C
Bp Chr I	3583279	CDS	+	BPSL3006	S	T	C
Bp Chr I	3583290	CDS	+	BPSL3006	N	C	T
Bp Chr I	3583468	Intergenic	.	-	-	C	T
Bp Chr I	3583479	Intergenic	.	-	-	G	A
Bp Chr I	3583841	CDS	+	BPSL3007	S	G	A
Bp Chr I	3583948	CDS	+	BPSL3007	N	C	T
Bp Chr I	3584381	CDS	+	BPSL3007	S	T	C
Bp Chr I	3597771	CDS	-	BPSL3018	N	C	T
Bp Chr I	3598058	CDS	-	BPSL3018	S	G	A
Bp Chr I	3598142	CDS	-	BPSL3018	S	A	G
Bp Chr I	3598342	Intergenic	.	-	-	A	G
Bp Chr I	3598435	Intergenic	.	-	-	G	A
Bp Chr I	3598940	CDS	-	BPSL3019	N	G	A
Bp Chr I	3599006	Intergenic	.	-	-	C	T
Bp Chr I	3599888	CDS	-	BPSL3020	S	G	A
Bp Chr I	3600020	CDS	-	BPSL3020	S	A	T
Bp Chr I	3600113	CDS	-	BPSL3020	S	C	T

Bp Chr I	3600122	CDS	-	<i>BPSL3020</i>	S	C	T
Bp Chr I	3600254	CDS	-	<i>BPSL3020</i>	S	G	A
Bp Chr I	3600677	CDS	-	<i>BPSL3021</i>	S	C	T
Bp Chr I	3600920	CDS	-	<i>BPSL3021</i>	S	G	A
Bp Chr I	3601172	CDS	-	<i>BPSL3021</i>	S	G	A
Bp Chr I	3601178	CDS	-	<i>BPSL3021</i>	S	C	T
Bp Chr I	3601214	CDS	-	<i>BPSL3021</i>	S	G	A
Bp Chr I	3601473	CDS	-	<i>BPSL3021</i>	N	G	A
Bp Chr I	3601612	CDS	-	<i>BPSL3021</i>	N	T	C
Bp Chr I	3602086	CDS	-	<i>BPSL3022</i>	S	C	T
Bp Chr I	3607286	CDS	-	<i>BPSL3026</i>	N	G	A
Bp Chr I	3607339	CDS	-	<i>BPSL3026</i>	S	G	A
Bp Chr I	3607688	CDS	-	<i>BPSL3027</i>	N	G	A
Bp Chr I	3607701	CDS	-	<i>BPSL3027</i>	S	A	C
Bp Chr I	3607821	CDS	-	<i>BPSL3027</i>	S	C	A
Bp Chr I	3607884	CDS	-	<i>BPSL3027</i>	S	G	A
Bp Chr I	3607974	CDS	-	<i>BPSL3027</i>	S	T	C
Bp Chr I	3608101	CDS	-	<i>BPSL3027</i>	N	C	G
Bp Chr I	3608438	CDS	-	<i>BPSL3027</i>	S	G	A
Bp Chr I	3608478	CDS	-	<i>BPSL3027</i>	S	G	T
Bp Chr I	3608508	CDS	-	<i>BPSL3027</i>	S	G	A
Bp Chr I	3608643	CDS	-	<i>BPSL3027</i>	S	G	A
Bp Chr I	3608646	CDS	-	<i>BPSL3027</i>	S	T	C
Bp Chr I	3608663	CDS	-	<i>BPSL3027</i>	N	C	T
Bp Chr I	3608762	CDS	-	<i>BPSL3027</i>	N	G	A
Bp Chr I	3608992	CDS	-	<i>BPSL3028</i>	S	G	A
Bp Chr I	3609041	CDS	-	<i>BPSL3028</i>	N	T	C
Bp Chr I	3609265	CDS	-	<i>BPSL3028</i>	S	G	A
Bp Chr I	3609469	CDS	-	<i>BPSL3028</i>	S	T	G
Bp Chr I	3610081	CDS	-	<i>BPSL3029</i>	N	C	T
Bp Chr I	3610509	CDS	-	<i>BPSL3029</i>	S	C	T
Bp Chr I	3610549	CDS	-	<i>BPSL3029</i>	N	G	A
Bp Chr I	3610617	CDS	-	<i>BPSL3029</i>	S	G	A
Bp Chr I	3610729	CDS	-	<i>BPSL3029</i>	N	G	A
Bp Chr I	3610758	CDS	-	<i>BPSL3029</i>	S	G	A
Bp Chr I	3610908	CDS	-	<i>BPSL3029</i>	S	C	T
Bp Chr I	3632556	CDS	+	<i>BPSL3042</i>	S	C	T
Bp Chr I	3633093	CDS	+	<i>BPSL3042</i>	S	T	C
Bp Chr I	3633274	CDS	+	<i>BPSL3042</i>	N	G	A
Bp Chr I	3633383	Intergenic	.	-	-	A	G
Bp Chr I	3633488	CDS	+	<i>BPSL3043</i>	S	C	A
Bp Chr I	3633584	CDS	+	<i>BPSL3043</i>	S	A	G
Bp Chr I	3633779	CDS	+	<i>BPSL3043</i>	S	C	T
Bp Chr I	3633785	CDS	+	<i>BPSL3043</i>	S	T	C
Bp Chr I	3633971	CDS	+	<i>BPSL3043</i>	S	A	G
Bp Chr I	3634166	CDS	+	<i>BPSL3043</i>	S	G	A
Bp Chr I	3634239	Intergenic	.	-	-	T	C
Bp Chr I	3634386	CDS	+	<i>BPSL3044</i>	S	G	A
Bp Chr I	3640398	CDS	+	<i>BPSL3050</i>	S	C	T
Bp Chr I	3640971	CDS	+	<i>BPSL3050</i>	S	T	C

Bp Chr I	3640989	CDS	+	<i>BPSL3050</i>	S	G	C
Bp Chr I	3641034	CDS	+	<i>BPSL3050</i>	S	C	T
Bp Chr I	3644264	CDS	+	<i>BPSL3054</i>	N	C	T
Bp Chr I	3644276	CDS	+	<i>BPSL3054</i>	N	C	T
Bp Chr I	3644457	CDS	+	<i>BPSL3054</i>	S	C	T
Bp Chr I	3644524	CDS	+	<i>BPSL3054</i>	N	C	T
Bp Chr I	3644599	CDS	+	<i>BPSL3054</i>	N	C	G
Bp Chr I	3644700	Intergenic	.	-	-	T	C
Bp Chr I	3644765	Intergenic	.	-	-	C	T
Bp Chr I	3644772	Intergenic	.	-	-	T	C
Bp Chr I	3644813	CDS	+	<i>BPSL3055</i>	S	G	C
Bp Chr I	3644831	CDS	+	<i>BPSL3055</i>	S	T	C
Bp Chr I	3645037	CDS	+	<i>BPSL3055</i>	N	G	A
Bp Chr I	3645074	CDS	+	<i>BPSL3055</i>	S	G	A
Bp Chr I	3645126	CDS	+	<i>BPSL3055</i>	N	G	A
Bp Chr I	3645212	CDS	+	<i>BPSL3055</i>	S	G	A
Bp Chr I	3645386	CDS	+	<i>BPSL3055</i>	S	G	A
Bp Chr I	3645537	Intergenic	.	-	-	G	A
Bp Chr I	3645630	Intergenic	.	-	-	G	C
Bp Chr I	3645775	CDS	-	<i>BPSL3056</i>	N	C	T
Bp Chr I	3645952	CDS	-	<i>BPSL3056</i>	N	T	C
Bp Chr I	3646178	CDS	-	<i>BPSL3056</i>	S	C	T
Bp Chr I	3646187	CDS	-	<i>BPSL3056</i>	S	A	G
Bp Chr I	3646340	Intergenic	.	-	-	G	A
Bp Chr I	3646524	CDS	-	<i>BPSL3057</i>	N	C	T
Bp Chr I	3646526	CDS	-	<i>BPSL3057</i>	S	G	A
Bp Chr I	3646636	CDS	-	<i>BPSL3057</i>	N	T	C
Bp Chr I	3646706	CDS	-	<i>BPSL3057</i>	S	G	A
Bp Chr I	3646775	CDS	-	<i>BPSL3057</i>	S	C	T
Bp Chr I	3646839	CDS	-	<i>BPSL3057</i>	N	G	C
Bp Chr I	3646994	CDS	-	<i>BPSL3057</i>	S	C	T
Bp Chr I	3647059	CDS	-	<i>BPSL3057</i>	S	A	G
Bp Chr I	3647093	CDS	-	<i>BPSL3057</i>	S	G	T
Bp Chr I	3647116	CDS	-	<i>BPSL3057</i>	S	G	A
Bp Chr I	3647447	CDS	-	<i>BPSL3057</i>	S	T	C
Bp Chr I	3647635	CDS	-	<i>BPSL3057</i>	S	T	G
Bp Chr I	3647738	CDS	-	<i>BPSL3057</i>	S	A	G
Bp Chr I	3647775	CDS	-	<i>BPSL3057</i>	N	G	A
Bp Chr I	3647831	CDS	-	<i>BPSL3057</i>	S	G	A
Bp Chr I	3677869	CDS	-	<i>BPSL3082</i>	S	G	A
Bp Chr I	3677966	CDS	-	<i>BPSL3082</i>	S	C	T
Bp Chr I	3678173	CDS	-	<i>BPSL3082</i>	S	A	G
Bp Chr I	3678333	Intergenic	.	-	-	G	A
Bp Chr I	3678465	Intergenic	.	-	-	T	C
Bp Chr I	3678511	CDS	+	<i>BPSL3083</i>	N	T	C
Bp Chr I	3678607	CDS	+	<i>BPSL3083</i>	N	G	A
Bp Chr I	3678748	CDS	+	<i>BPSL3083</i>	N	G	A
Bp Chr I	3678865	CDS	+	<i>BPSL3083</i>	N	G	A
Bp Chr I	3678880	CDS	+	<i>BPSL3083</i>	N	C	T
Bp Chr I	3678907	CDS	+	<i>BPSL3083</i>	N	A	G

Bp Chr I	3679169	Intergenic	.	-	-	T	C
Bp Chr I	3679234	Intergenic	.	-	-	G	A
Bp Chr I	3679276	Intergenic	.	-	-	G	T
Bp Chr I	3679287	Intergenic	.	-	-	A	G
Bp Chr I	3679306	Intergenic	.	-	-	A	G
Bp Chr I	3679326	Intergenic	.	-	-	C	T
Bp Chr I	3679348	Intergenic	.	-	-	A	G
Bp Chr I	3679374	Intergenic	.	-	-	C	T
Bp Chr I	3684012	Intergenic	.	-	-	A	G
Bp Chr I	3684096	Intergenic	.	-	-	A	G
Bp Chr I	3684131	Intergenic	.	-	-	A	G
Bp Chr I	3684184	Intergenic	.	-	-	C	T
Bp Chr I	3684203	Intergenic	.	-	-	G	T
Bp Chr I	3684216	Intergenic	.	-	-	A	G
Bp Chr I	3684524	CDS	-	<i>BPSL3088</i>	S	A	G
Bp Chr I	3684559	CDS	-	<i>BPSL3088</i>	S	G	A
Bp Chr I	3684702	Intergenic	.	-	-	A	T
Bp Chr I	3684705	Intergenic	.	-	-	C	T
Bp Chr I	3684966	Intergenic	.	-	-	C	T
Bp Chr I	3731523	Intergenic	.	-	-	A	C
Bp Chr I	3731529	Intergenic	.	-	-	G	A
Bp Chr I	3731839	CDS	-	<i>BPSL3126</i>	S	T	C
Bp Chr I	3765118	CDS	-	<i>BPSL3160</i>	S	C	T
Bp Chr I	3765325	CDS	-	<i>BPSL3160</i>	S	A	T
Bp Chr I	3765606	CDS	+	<i>BPSL3161</i>	S	C	T
Bp Chr I	3766176	CDS	+	<i>BPSL3161</i>	S	C	G
Bp Chr I	3766488	CDS	-	<i>BPSL3162</i>	N	C	T
Bp Chr I	3766754	CDS	-	<i>BPSL3162</i>	S	C	A
Bp Chr I	3766869	CDS	-	<i>BPSL3162</i>	N	G	A
Bp Chr I	3767000	CDS	-	<i>BPSL3162</i>	S	G	A
Bp Chr I	3767226	Intergenic	.	-	-	G	A
Bp Chr I	3767373	CDS	-	<i>BPSL3163</i>	N	G	A
Bp Chr I	3767377	CDS	-	<i>BPSL3163</i>	S	G	A
Bp Chr I	3767416	CDS	-	<i>BPSL3163</i>	S	C	T
Bp Chr I	3767535	CDS	-	<i>BPSL3163</i>	N	C	A
Bp Chr I	3767683	CDS	-	<i>BPSL3163</i>	S	G	A
Bp Chr I	3767700	CDS	-	<i>BPSL3163</i>	N	A	C
Bp Chr I	3767782	CDS	-	<i>BPSL3163</i>	S	G	A
Bp Chr I	3768142	CDS	-	<i>BPSL3163</i>	S	G	A
Bp Chr I	3768247	CDS	-	<i>BPSL3163</i>	S	G	A
Bp Chr I	3768286	CDS	-	<i>BPSL3163</i>	S	C	T
Bp Chr I	3768719	CDS	-	<i>BPSL3164</i>	S	G	A
Bp Chr I	3768854	CDS	-	<i>BPSL3164</i>	S	G	A
Bp Chr I	3769030	CDS	-	<i>BPSL3164</i>	N	T	C
Bp Chr I	3769219	CDS	-	<i>BPSL3165</i>	S	G	A
Bp Chr I	3769660	CDS	-	<i>BPSL3165</i>	S	G	A
Bp Chr I	3769738	CDS	-	<i>BPSL3165</i>	S	G	A
Bp Chr I	3769877	CDS	-	<i>BPSL3165</i>	N	G	A
Bp Chr I	3770052	CDS	-	<i>BPSL3165</i>	S	A	G
Bp Chr I	3772595	CDS	-	<i>BPSL3167</i>	S	T	C

Bp Chr I	3773342	CDS	-	<i>BPSL3168</i>	S	A	G
Bp Chr I	3773633	CDS	-	<i>BPSL3168</i>	S	G	A
Bp Chr I	3773729	CDS	-	<i>BPSL3168</i>	S	G	A
Bp Chr I	3773796	CDS	-	<i>BPSL3168</i>	N	A	G
Bp Chr I	3773888	CDS	-	<i>BPSL3168</i>	S	C	A
Bp Chr I	3773906	CDS	-	<i>BPSL3168</i>	S	C	A
Bp Chr I	3773992	CDS	-	<i>BPSL3169</i>	S	G	T
Bp Chr I	3774289	CDS	-	<i>BPSL3169</i>	S	C	T
Bp Chr I	3774523	CDS	-	<i>BPSL3169</i>	S	G	A
Bp Chr I	3774673	CDS	-	<i>BPSL3170</i>	N	G	A
Bp Chr I	3774873	CDS	-	<i>BPSL3170</i>	S	C	T
Bp Chr I	3774882	CDS	-	<i>BPSL3170</i>	S	G	A
Bp Chr I	3775002	CDS	-	<i>BPSL3170</i>	S	T	C
Bp Chr I	3775134	CDS	-	<i>BPSL3170</i>	S	G	A
Bp Chr I	3775239	CDS	-	<i>BPSL3170</i>	S	G	A
Bp Chr I	3775332	CDS	-	<i>BPSL3170</i>	S	G	C
Bp Chr I	3775406	CDS	-	<i>BPSL3170</i>	S	G	A
Bp Chr I	3775548	CDS	-	<i>BPSL3170</i>	S	G	A
Bp Chr I	3775885	CDS	-	<i>BPSL3170</i>	N	C	T
Bp Chr I	3775950	Intergenic	.	-	-	C	A
Bp Chr I	3776033	Intergenic	.	-	-	G	C
Bp Chr I	3776073	Intergenic	.	-	-	C	T
Bp Chr I	3776074	Intergenic	.	-	-	A	G
Bp Chr I	3776177	Intergenic	.	-	-	C	A
Bp Chr I	3776181	Intergenic	.	-	-	C	G
Bp Chr I	3776235	Intergenic	.	-	-	A	G
Bp Chr I	3776390	CDS	-	<i>BPSL3171</i>	S	G	C
Bp Chr I	3776426	CDS	-	<i>BPSL3171</i>	S	G	A
Bp Chr I	3776499	CDS	-	<i>BPSL3171</i>	N	C	G
Bp Chr I	3776529	CDS	-	<i>BPSL3171</i>	N	A	G
Bp Chr I	3776768	CDS	-	<i>BPSL3171</i>	S	G	A
Bp Chr I	3776801	CDS	-	<i>BPSL3171</i>	S	G	A
Bp Chr I	3776899	CDS	-	<i>BPSL3171</i>	N	G	C
Bp Chr I	3776903	CDS	-	<i>BPSL3171</i>	S	G	A
Bp Chr I	3776932	CDS	-	<i>BPSL3171</i>	N	G	T
Bp Chr I	3777108	CDS	-	<i>BPSL3171</i>	N	A	G
Bp Chr I	3777113	CDS	-	<i>BPSL3171</i>	S	C	T
Bp Chr I	3777119	CDS	-	<i>BPSL3171</i>	S	G	A
Bp Chr I	3777120	CDS	-	<i>BPSL3171</i>	N	C	T
Bp Chr I	3777140	CDS	-	<i>BPSL3171</i>	S	G	A
Bp Chr I	3777167	CDS	-	<i>BPSL3171</i>	S	G	A
Bp Chr I	3777240	CDS	-	<i>BPSL3171</i>	N	G	A
Bp Chr I	3777379	CDS	-	<i>BPSL3172</i>	S	G	A
Bp Chr I	3777777	CDS	-	<i>BPSL3172</i>	N	A	G
Bp Chr I	3777781	CDS	-	<i>BPSL3172</i>	S	A	G
Bp Chr I	3777821	CDS	-	<i>BPSL3172</i>	N	C	A
Bp Chr I	3777829	CDS	-	<i>BPSL3172</i>	S	G	A
Bp Chr I	3777883	CDS	-	<i>BPSL3172</i>	S	G	A
Bp Chr I	3778269	CDS	-	<i>BPSL3173</i>	S	G	A
Bp Chr I	3778325	CDS	-	<i>BPSL3173</i>	N	A	C

Bp Chr I	3778341	CDS	-	BPSL3173	S	G	A
Bp Chr I	3778347	CDS	-	BPSL3173	S	A	G
Bp Chr I	3778476	CDS	-	BPSL3173	S	C	T
Bp Chr I	3778486	CDS	-	BPSL3173	N	G	C
Bp Chr I	3778581	CDS	-	BPSL3173	S	C	T
Bp Chr I	3778613	CDS	-	BPSL3173	N	T	C
Bp Chr I	3778646	CDS	-	BPSL3173	N	T	C
Bp Chr I	3778729	CDS	-	BPSL3173	N	G	A
Bp Chr I	3778950	Intergenic	.	-	-	G	C
Bp Chr I	3779065	Intergenic	.	-	-	T	C
Bp Chr I	3779077	Intergenic	.	-	-	A	G
Bp Chr I	3779120	Intergenic	.	-	-	G	A
Bp Chr I	3779280	CDS	+	BPSL3174	S	G	A
Bp Chr I	3779437	CDS	+	BPSL3174	N	G	A
Bp Chr I	3779820	CDS	+	BPSL3174	S	C	G
Bp Chr I	3779874	CDS	+	BPSL3174	S	G	A
Bp Chr I	3779930	CDS	+	BPSL3174	N	A	G
Bp Chr I	3779997	CDS	+	BPSL3174	S	C	T
Bp Chr I	3780093	CDS	+	BPSL3174	S	C	T
Bp Chr I	3780621	CDS	+	BPSL3174	S	G	A
Bp Chr I	3781362	CDS	+	BPSL3174	N	G	A
Bp Chr I	3781434	CDS	+	BPSL3174	S	G	A
Bp Chr I	3788587	CDS	-	BPSL3180	S	C	T
Bp Chr I	3788932	CDS	-	BPSL3180	S	G	A
Bp Chr I	3790021	Intergenic	.	-	-	C	T
Bp Chr I	3790136	CDS	+	BPSL3182	S	T	C
Bp Chr I	3790213	CDS	+	BPSL3182	S	G	A
Bp Chr I	3790475	CDS	+	BPSL3182	S	C	T
Bp Chr I	3794323	CDS	-	BPSL3185	N	T	C
Bp Chr I	3794373	CDS	-	BPSL3185	S	G	A
Bp Chr I	3794409	CDS	-	BPSL3185	S	G	A
Bp Chr I	3794545	Intergenic	.	-	-	A	G
Bp Chr I	3794726	CDS	-	BPSL3186	S	G	T
Bp Chr I	3794852	CDS	-	BPSL3186	S	G	A
Bp Chr I	3794891	CDS	-	BPSL3186	S	G	A
Bp Chr I	3858922	CDS	+	BPSL3247	S	C	T
Bp Chr I	3858976	CDS	+	BPSL3247	S	G	T
Bp Chr I	3859125	CDS	+	BPSL3247	N	A	G
Bp Chr I	3859851	CDS	+	BPSL3247	N	C	T
Bp Chr I	3859958	CDS	+	BPSL3247	N	G	A
Bp Chr I	3860212	CDS	+	BPSL3248	N	G	A
Bp Chr I	3860219	CDS	+	BPSL3248	N	A	G
Bp Chr I	3860388	CDS	+	BPSL3248	S	C	T
Bp Chr I	3860460	CDS	+	BPSL3248	S	G	A
Bp Chr I	3860776	CDS	+	BPSL3248	N	G	A
Bp Chr I	3860862	CDS	+	BPSL3248	S	G	A
Bp Chr I	3861066	CDS	+	BPSL3248	S	C	T
Bp Chr I	3861319	CDS	+	BPSL3248	N	G	A
Bp Chr I	3861685	CDS	+	BPSL3249	S	T	C
Bp Chr I	3861787	CDS	+	BPSL3249	S	C	T

Bp Chr I	3861997	CDS	+	<i>BPSL3249</i>	S	G	A
Bp Chr I	3862024	CDS	+	<i>BPSL3249</i>	S	G	A
Bp Chr I	3862027	CDS	+	<i>BPSL3249</i>	S	G	C
Bp Chr I	3862556	CDS	-	<i>BPSL3250</i>	S	T	C
Bp Chr I	3863043	CDS	-	<i>BPSL3250</i>	N	C	T
Bp Chr I	3863072	CDS	-	<i>BPSL3250</i>	S	C	G
Bp Chr I	3863128	CDS	-	<i>BPSL3250</i>	S	G	A
Bp Chr I	3863321	CDS	-	<i>BPSL3250</i>	S	G	A
Bp Chr I	3863369	Intergenic	.	-	-	C	T
Bp Chr I	3863413	Intergenic	.	-	-	C	T
Bp Chr I	3863427	Intergenic	.	-	-	A	G
Bp Chr I	3863489	Intergenic	.	-	-	C	T
Bp Chr I	3863559	CDS	+	<i>BPSL3251</i>	S	G	A
Bp Chr I	3863706	CDS	+	<i>BPSL3251</i>	S	C	G
Bp Chr I	3864095	CDS	+	<i>BPSL3251</i>	N	C	T
Bp Chr I	3864114	CDS	+	<i>BPSL3251</i>	S	T	C
Bp Chr I	3864285	CDS	+	<i>BPSL3251</i>	S	C	T
Bp Chr I	3897515	CDS	-	<i>BPSL3282</i>	S	G	A
Bp Chr I	3897740	CDS	-	<i>BPSL3282</i>	S	G	A
Bp Chr I	3897783	CDS	-	<i>BPSL3282</i>	N	C	T
Bp Chr I	3902320	Intergenic	.	-	-	G	A
Bp Chr I	3902471	CDS	+	<i>BPSL3286</i>	S	C	T
Bp Chr I	3902641	CDS	+	<i>BPSL3286</i>	N	C	T
Bp Chr I	3902939	CDS	+	<i>BPSL3286</i>	S	T	C
Bp Chr I	3902943	CDS	+	<i>BPSL3286</i>	N	G	A
Bp Chr I	3903008	CDS	+	<i>BPSL3286</i>	S	G	A
Bp Chr I	3903101	CDS	+	<i>BPSL3286</i>	S	C	T
Bp Chr I	3903243	CDS	+	<i>BPSL3287</i>	N	T	C
Bp Chr I	3903295	CDS	+	<i>BPSL3287</i>	S	A	G
Bp Chr I	3903419	CDS	+	<i>BPSL3287</i>	N	A	C
Bp Chr I	3903565	CDS	+	<i>BPSL3287</i>	S	G	C
Bp Chr I	3903754	CDS	+	<i>BPSL3287</i>	S	C	T
Bp Chr I	3903819	CDS	+	<i>BPSL3287</i>	N	C	T
Bp Chr I	3903826	CDS	+	<i>BPSL3287</i>	S	A	G
Bp Chr I	3904115	CDS	+	<i>BPSL3287</i>	N	G	A
Bp Chr I	3904468	CDS	+	<i>BPSL3287</i>	S	A	G
Bp Chr I	3928828	CDS	-	<i>BPSL3309</i>	S	C	T
Bp Chr I	3929200	CDS	-	<i>BPSL3309</i>	S	C	T
Bp Chr I	3929658	Intergenic	.	-	-	G	A
Bp Chr I	3929671	Intergenic	.	-	-	G	A
Bp Chr I	3935923	CDS	+	<i>BPSL3317</i>	N	G	A
Bp Chr I	3935994	CDS	+	<i>BPSL3317</i>	N	G	A
Bp Chr I	3936425	CDS	+	<i>BPSL3317</i>	S	G	C
Bp Chr I	3936505	CDS	+	<i>BPSL3317</i>	N	A	G
Bp Chr I	3936706	Intergenic	.	-	-	C	T
Bp Chr I	3936742	Intergenic	.	-	-	C	T
Bp Chr I	3936754	Intergenic	.	-	-	A	C
Bp Chr I	3936758	Intergenic	.	-	-	G	A
Bp Chr I	3936986	CDS	-	<i>BPSL3318</i>	S	C	A
Bp Chr I	3937244	Intergenic	.	-	-	G	T

Bp Chr I	3937474	Intergenic	.	-	-	C	T
Bp Chr I	3938139	CDS	+	<i>BPSL3319</i>	S	G	A
Bp Chr I	3938373	CDS	+	<i>BPSL3319</i>	S	C	G
Bp Chr I	3938382	CDS	+	<i>BPSL3319</i>	S	C	T
Bp Chr I	3938385	CDS	+	<i>BPSL3319</i>	S	G	A
Bp Chr I	3938386	CDS	+	<i>BPSL3319</i>	N	T	G
Bp Chr I	3938394	CDS	+	<i>BPSL3319</i>	S	C	T
Bp Chr I	3938398	CDS	+	<i>BPSL3319</i>	N	A	T
Bp Chr I	3938418	CDS	+	<i>BPSL3319</i>	S	G	T
Bp Chr I	3938419	CDS	+	<i>BPSL3319</i>	N	T	G
Bp Chr I	3938443	CDS	+	<i>BPSL3319</i>	N	A	G
Bp Chr I	3938445	CDS	+	<i>BPSL3319</i>	S	T	G
Bp Chr I	3938464	CDS	+	<i>BPSL3319</i>	N	T	A
Bp Chr I	3938472	CDS	+	<i>BPSL3319</i>	S	C	G
Bp Chr I	3938700	CDS	+	<i>BPSL3319</i>	S	G	A
Bp Chr I	3938748	CDS	+	<i>BPSL3319</i>	S	C	T
Bp Chr I	3938832	CDS	+	<i>BPSL3319</i>	S	C	T
Bp Chr I	3939038	CDS	+	<i>BPSL3320</i>	S	G	A
Bp Chr I	3939209	CDS	+	<i>BPSL3320</i>	S	G	A
Bp Chr I	3939284	CDS	+	<i>BPSL3320</i>	S	G	C
Bp Chr I	3939380	CDS	+	<i>BPSL3320</i>	S	G	A
Bp Chr I	3939491	CDS	+	<i>BPSL3320</i>	S	C	T
Bp Chr I	3939590	CDS	+	<i>BPSL3320</i>	S	A	G
Bp Chr I	3939732	CDS	+	<i>BPSL3320</i>	N	T	A
Bp Chr I	3939800	CDS	+	<i>BPSL3320</i>	S	T	C
Bp Chr I	3939824	CDS	+	<i>BPSL3320</i>	S	C	T
Bp Chr I	3939829	CDS	+	<i>BPSL3320</i>	N	C	T
Bp Chr I	3939839	CDS	+	<i>BPSL3320</i>	S	C	T
Bp Chr I	3939842	CDS	+	<i>BPSL3320</i>	S	G	T
Bp Chr I	3939863	CDS	+	<i>BPSL3320</i>	S	G	A
Bp Chr I	3940059	CDS	+	<i>BPSL3320</i>	N	G	A
Bp Chr I	3940220	CDS	+	<i>BPSL3320</i>	S	G	A
Bp Chr I	3940845	Intergenic	.	-	-	C	G
Bp Chr I	3941034	Intergenic	.	-	-	C	T
Bp Chr I	3941193	CDS	+	<i>BPSL3322</i>	S	A	G
Bp Chr I	3943979	CDS	+	<i>BPSL3323</i>	S	G	A
Bp Chr I	3944306	CDS	+	<i>BPSL3323</i>	S	T	C
Bp Chr I	3944339	CDS	+	<i>BPSL3323</i>	S	C	T
Bp Chr I	3977731	CDS	-	<i>BPSL3355</i>	S	G	A
Bp Chr I	3977806	CDS	-	<i>BPSL3355</i>	S	C	T
Bp Chr I	3977944	CDS	-	<i>BPSL3355</i>	S	C	T
Bp Chr I	3978016	CDS	-	<i>BPSL3355</i>	S	G	T
Bp Chr I	3978118	CDS	-	<i>BPSL3355</i>	S	A	G
Bp Chr I	3978433	CDS	-	<i>BPSL3355</i>	S	G	A
Bp Chr I	3978439	CDS	-	<i>BPSL3355</i>	S	A	G
Bp Chr I	4057049	CDS	-	<i>BPSL3416</i>	S	T	C
Bp Chr I	4057708	CDS	-	<i>BPSL3416</i>	N	G	A
Bp Chr I	4058043	CDS	-	<i>BPSL3417</i>	S	G	A
Bp Chr I	4058331	CDS	-	<i>BPSL3417</i>	S	G	A
Bp Chr I	4058450	CDS	-	<i>BPSL3417</i>	N	A	C

Bp Chr I	4058617	CDS	-	<i>BPSL3417</i>	N	G	A
Bp Chr I	4058692	CDS	-	<i>BPSL3418</i>	N	G	A
Bp Chr I	4058749	CDS	-	<i>BPSL3418</i>	N	C	T
Bp Chr I	4058861	CDS	-	<i>BPSL3418</i>	S	G	C
Bp Chr I	4070258	Intergenic	.	-	-	G	T
Bp Chr I	4070359	Intergenic	.	-	-	A	G
Bp Chr I	4070458	Intergenic	.	-	-	C	T
Bp Chr I	4070570	CDS	-	<i>BPSL3428</i>	S	G	A
Bp Chr I	4070773	CDS	-	<i>BPSL3428</i>	N	T	C
Bp Chr I	4070819	CDS	-	<i>BPSL3428</i>	S	G	C
Bp Chr I	4070860	CDS	-	<i>BPSL3428</i>	S	G	A
Bp Chr I	4071113	Intergenic	.	-	-	G	A
Bp Chr I	4071160	Intergenic	.	-	-	C	T
Bp Chr I	4071286	Intergenic	.	-	-	C	T
Bp Chr I	4071310	CDS	-	<i>BPSL3429</i>	N	C	T
Bp Chr I	4071386	CDS	-	<i>BPSL3429</i>	S	C	T
Bp Chr I	4071437	CDS	-	<i>BPSL3429</i>	S	C	T
Bp Chr I	4071575	CDS	-	<i>BPSL3429</i>	S	G	A
Bp Chr I	4071673	CDS	-	<i>BPSL3429</i>	N	T	G
Bp Chr I	4072124	CDS	-	<i>BPSL3429</i>	S	G	A
Bp Chr I	4072172	CDS	-	<i>BPSL3429</i>	S	A	G
Bp Chr I	4072208	CDS	-	<i>BPSL3429</i>	S	G	A
Bp Chr I	4072476	Intergenic	.	-	-	G	A
Bp Chr I	4072507	Intergenic	.	-	-	G	A
Bp Chr I	4072509	Intergenic	.	-	-	T	C
Bp Chr I	4072862	CDS	-	<i>BPSL3430</i>	N	T	G
Bp Chr I	4072908	CDS	-	<i>BPSL3430</i>	S	G	A
Bp Chr I	4073038	CDS	-	<i>BPSL3430</i>	N	A	G
Bp Chr I	4073115	CDS	-	<i>BPSL3430</i>	S	C	T
Bp Chr I	4073158	CDS	-	<i>BPSL3430</i>	N	T	C
Bp Chr I	4073218	CDS	-	<i>BPSL3430</i>	N	T	C
Bp Chr I	4073232	CDS	-	<i>BPSL3430</i>	S	G	A
Bp Chr I	4073244	CDS	-	<i>BPSL3430</i>	S	G	A
Bp Chr I	4073268	CDS	-	<i>BPSL3430</i>	S	G	A
Bp Chr I	4073480	CDS	-	<i>BPSL3431</i>	N	T	C
Bp Chr I	4073598	CDS	-	<i>BPSL3431</i>	S	C	T
Bp Chr I	4073718	CDS	-	<i>BPSL3431</i>	S	G	A
Bp Chr I	4074109	Intergenic	.	-	-	G	A
Bp Chr I	4074287	Intergenic	.	-	-	G	A

Table S5: List of L-SNPs within Bp core genome (Chr I and Chr II)

Chromosome	SNP co-ordinate	Feature	Strand	Gene ID	Sy /Nsy	Reference base	SNP base
Bp Chr II	117	CDS	+	BPSS0001	S	C	A
Bp Chr II	216	CDS	+	BPSS0001	S	T	C
Bp Chr II	354	CDS	+	BPSS0001	S	A	G
Bp Chr II	368	CDS	+	BPSS0001	N	C	T
Bp Chr II	381	CDS	+	BPSS0001	S	G	A
Bp Chr II	405	CDS	+	BPSS0001	S	T	C
Bp Chr II	675	CDS	+	BPSS0001	S	G	C
Bp Chr II	681	CDS	+	BPSS0001	S	A	G
Bp Chr II	7187	CDS	+	BPSS0008	N	T	G
Bp Chr II	7291	CDS	+	BPSS0008	S	C	T
Bp Chr II	7305	CDS	+	BPSS0008	N	C	T
Bp Chr II	7640	CDS	+	BPSS0008	S	C	T
Bp Chr II	7956	CDS	+	BPSS0009	N	C	T
Bp Chr II	8234	CDS	+	BPSS0009	S	A	G
Bp Chr II	8265	Intergenic	.	-	-	T	C
Bp Chr II	8331	Intergenic	.	-	-	A	G
Bp Chr II	8337	Intergenic	.	-	-	G	A
Bp Chr II	8386	Intergenic	.	-	-	T	C
Bp Chr II	8442	Intergenic	.	-	-	T	G
Bp Chr II	8463	CDS	-	BPSS0010	N	C	T
Bp Chr II	8465	CDS	-	BPSS0010	N	T	C
Bp Chr II	8534	CDS	-	BPSS0010	N	C	T
Bp Chr II	8626	CDS	-	BPSS0010	S	T	C
Bp Chr II	8644	CDS	-	BPSS0010	S	C	T
Bp Chr II	8682	CDS	-	BPSS0010	N	C	T,G
Bp Chr II	8704	CDS	-	BPSS0010	S	C	T
Bp Chr II	8962	CDS	-	BPSS0010	S	G	A
Bp Chr II	8998	CDS	-	BPSS0010	S	T	C
Bp Chr II	9109	CDS	-	BPSS0010	S	T	C
Bp Chr II	9187	CDS	-	BPSS0010	S	G	C
Bp Chr II	9567	Intergenic	.	-	-	C	T
Bp Chr II	9629	Intergenic	.	-	-	C	A
Bp Chr II	9649	Intergenic	.	-	-	A	G
Bp Chr II	9666	Intergenic	.	-	-	G	A
Bp Chr II	9670	Intergenic	.	-	-	C	T
Bp Chr II	9731	Intergenic	.	-	-	A	C
Bp Chr II	9738	Intergenic	.	-	-	T	C
Bp Chr II	9755	Intergenic	.	-	-	G	A
Bp Chr II	9855	CDS	-	BPSS0011	S	A	G
Bp Chr II	9910	CDS	-	BPSS0011	N	G	C
Bp Chr II	10045	CDS	-	BPSS0011	N	T	A
Bp Chr II	10719	CDS	-	BPSS0011	S	T	C
Bp Chr II	10763	CDS	-	BPSS0011	N	G	A
Bp Chr II	10770	CDS	-	BPSS0011	S	C	T

Bp Chr II	10942	Intergenic	.	-	-	A	C
Bp Chr II	10983	Intergenic	.	-	-	G	A
Bp Chr II	11033	CDS	+	BPSS0012	S	C	T
Bp Chr II	11141	CDS	+	BPSS0012	S	G	A
Bp Chr II	11217	CDS	+	BPSS0012	N	G	A
Bp Chr II	11225	CDS	+	BPSS0012	S	G	A
Bp Chr II	11294	CDS	+	BPSS0012	S	C	G
Bp Chr II	11543	CDS	+	BPSS0012	S	A	G
Bp Chr II	11645	CDS	+	BPSS0012	S	G	A
Bp Chr II	11751	CDS	+	BPSS0012	S	C	T
Bp Chr II	11846	CDS	+	BPSS0012	S	C	T
Bp Chr II	11876	CDS	+	BPSS0012	S	G	A
Bp Chr II	11990	Intergenic	.	-	-	G	A
Bp Chr II	11997	Intergenic	.	-	-	G	A
Bp Chr II	12004	Intergenic	.	-	-	G	A
Bp Chr II	12246	Intergenic	.	-	-	C	T
Bp Chr II	12252	Intergenic	.	-	-	C	T
Bp Chr II	12360	Intergenic	.	-	-	A	G
Bp Chr II	12365	Intergenic	.	-	-	G	C
Bp Chr II	12367	Intergenic	.	-	-	A	G
Bp Chr II	12372	Intergenic	.	-	-	G	C
Bp Chr II	12374	Intergenic	.	-	-	A	G
Bp Chr II	12402	Intergenic	.	-	-	C	T
Bp Chr II	12640	CDS	+	BPSS0013	S	T	C
Bp Chr II	12646	CDS	+	BPSS0013	S	C	T
Bp Chr II	12695	CDS	+	BPSS0013	N	C	A
Bp Chr II	12760	CDS	+	BPSS0013	S	C	T
Bp Chr II	12881	CDS	+	BPSS0013	N	G	A
Bp Chr II	13159	CDS	+	BPSS0013	S	C	T
Bp Chr II	13185	CDS	+	BPSS0013	N	A	G
Bp Chr II	227521	CDS	-	BPSS0169	N	C	T
Bp Chr II	227621	CDS	-	BPSS0169	S	G	A
Bp Chr II	227681	CDS	-	BPSS0169	S	A	G
Bp Chr II	227932	CDS	-	BPSS0169	N	G	A
Bp Chr II	228095	CDS	-	BPSS0169	S	T	C
Bp Chr II	228118	CDS	-	BPSS0169	N	G	A
Bp Chr II	228383	CDS	-	BPSS0170	S	G	C
Bp Chr II	228432	CDS	-	BPSS0170	N	C	T
Bp Chr II	228535	CDS	-	BPSS0170	N	C	T
Bp Chr II	228812	Intergenic	.	-	-	G	C
Bp Chr II	229336	Intergenic	.	-	-	G	T
Bp Chr II	338411	CDS	+	BPSS0250	S	T	C
Bp Chr II	338709	CDS	+	BPSS0250	N	G	A
Bp Chr II	338945	CDS	+	BPSS0250	S	G	C
Bp Chr II	339006	CDS	+	BPSS0251	S	C	T
Bp Chr II	339060	CDS	+	BPSS0251	N	C	A
Bp Chr II	339099	CDS	+	BPSS0251	S	G	A

Bp Chr II	339141	CDS	+	BPSS0251	S	C	T
Bp Chr II	339146	CDS	+	BPSS0251	N	G	A
Bp Chr II	339177	CDS	+	BPSS0251	S	A	G
Bp Chr II	339327	CDS	+	BPSS0251	S	C	T
Bp Chr II	339343	CDS	+	BPSS0251	S	C	T
Bp Chr II	339491	Intergenic	.	-	-	A	G
Bp Chr II	339502	Intergenic	.	-	-	G	A
Bp Chr II	339561	CDS	+	BPSS0252	S	A	G
Bp Chr II	339563	CDS	+	BPSS0252	N	C	G
Bp Chr II	339669	CDS	+	BPSS0252	N	C	G
Bp Chr II	339750	CDS	+	BPSS0252	S	C	A
Bp Chr II	339752	CDS	+	BPSS0252	N	C	T
Bp Chr II	339834	CDS	+	BPSS0252	S	T	C
Bp Chr II	339861	CDS	+	BPSS0252	S	A	G
Bp Chr II	340224	CDS	+	BPSS0252	S	G	A
Bp Chr II	340405	CDS	+	BPSS0252	N	T	C
Bp Chr II	340816	CDS	-	BPSS0253	N	G	A
Bp Chr II	340932	CDS	-	BPSS0253	S	T	C
Bp Chr II	341011	CDS	-	BPSS0253	N	T	C
Bp Chr II	341181	CDS	-	BPSS0253	S	C	T
Bp Chr II	341265	CDS	-	BPSS0253	S	C	T
Bp Chr II	341277	CDS	-	BPSS0253	S	C	T
Bp Chr II	341286	CDS	-	BPSS0253	S	C	T
Bp Chr II	341601	CDS	-	BPSS0253	S	C	T
Bp Chr II	341732	CDS	-	BPSS0253	N	T	C
Bp Chr II	341745	CDS	-	BPSS0253	S	T	C
Bp Chr II	342028	CDS	-	BPSS0254	S	G	A
Bp Chr II	342094	CDS	-	BPSS0254	S	T	C
Bp Chr II	342169	CDS	-	BPSS0254	S	A	G
Bp Chr II	342329	Intergenic	.	-	-	A	G
Bp Chr II	342333	Intergenic	.	-	-	T	C
Bp Chr II	342367	Intergenic	.	-	-	C	T
Bp Chr II	342374	Intergenic	.	-	-	A	G
Bp Chr II	342439	Intergenic	.	-	-	C	A
Bp Chr II	342440	Intergenic	.	-	-	C	A,T
Bp Chr II	342442	Intergenic	.	-	-	A	G
Bp Chr II	342459	Intergenic	.	-	-	T	C
Bp Chr II	342465	Intergenic	.	-	-	T	C
Bp Chr II	342517	Intergenic	.	-	-	C	T
Bp Chr II	342522	Intergenic	.	-	-	G	A
Bp Chr II	342739	CDS	+	BPSS0255	S	C	T
Bp Chr II	342740	CDS	+	BPSS0255	S	T	C
Bp Chr II	342814	CDS	+	BPSS0255	S	G	A
Bp Chr II	342829	CDS	+	BPSS0255	S	C	T
Bp Chr II	342889	CDS	+	BPSS0255	S	C	T
Bp Chr II	342986	CDS	+	BPSS0255	N	G	A
Bp Chr II	343130	CDS	+	BPSS0255	N	G	A

Bp Chr II	343192	CDS	+	BPSS0255	S	A	G
Bp Chr II	343373	CDS	+	BPSS0255	N	C	T
Bp Chr II	343536	CDS	+	BPSS0255	N	A	G
Bp Chr II	343654	CDS	+	BPSS0255	S	C	T
Bp Chr II	343815	CDS	+	BPSS0255	N	C	T
Bp Chr II	343818	CDS	+	BPSS0255	N	C	A
Bp Chr II	343889	CDS	+	BPSS0255	S	C	T
Bp Chr II	343947	CDS	+	BPSS0255	N	C	T
Bp Chr II	344023	CDS	+	BPSS0255	S	C	T
Bp Chr II	344388	CDS	+	BPSS0256	S	G	A
Bp Chr II	344589	CDS	+	BPSS0256	S	C	G
Bp Chr II	345514	CDS	+	BPSS0257	S	C	T
Bp Chr II	345766	CDS	+	BPSS0257	S	T	C
Bp Chr II	345961	CDS	+	BPSS0257	S	C	G
Bp Chr II	346004	CDS	+	BPSS0257	S	C	T
Bp Chr II	346033	CDS	+	BPSS0257	S	C	A
Bp Chr II	346079	CDS	+	BPSS0257	S	C	T
Bp Chr II	346280	CDS	+	BPSS0258	N	A	C
Bp Chr II	346413	CDS	+	BPSS0258	S	C	T
Bp Chr II	355751	CDS	+	BPSS0268	S	G	C
Bp Chr II	356025	CDS	+	BPSS0268	S	C	T
Bp Chr II	356108	CDS	+	BPSS0268	S	G	A
Bp Chr II	356393	CDS	+	BPSS0268	S	A	G
Bp Chr II	356438	CDS	+	BPSS0268	S	C	T
Bp Chr II	356469	CDS	+	BPSS0268	N	G	T
Bp Chr II	356555	CDS	+	BPSS0268	S	C	T
Bp Chr II	356570	CDS	+	BPSS0268	S	T	A
Bp Chr II	356611	CDS	+	BPSS0268	N	C	T
Bp Chr II	356763	CDS	+	BPSS0268	S	T	C
Bp Chr II	356774	CDS	+	BPSS0268	S	G	A
Bp Chr II	356792	CDS	+	BPSS0268	S	A	G
Bp Chr II	356876	CDS	+	BPSS0268	S	G	C
Bp Chr II	356897	CDS	+	BPSS0268	S	C	T
Bp Chr II	357033	CDS	+	BPSS0268	N	G	T
Bp Chr II	357070	CDS	+	BPSS0268	N	C	T
Bp Chr II	357075	CDS	+	BPSS0268	N	A	C
Bp Chr II	357275	CDS	+	BPSS0268	S	T	C
Bp Chr II	357313	CDS	+	BPSS0268	N	A	C
Bp Chr II	357404	CDS	+	BPSS0268	S	A	G
Bp Chr II	357469	CDS	+	BPSS0268	N	A	C
Bp Chr II	357475	CDS	+	BPSS0268	N	G	A
Bp Chr II	357758	CDS	+	BPSS0268	S	T	C
Bp Chr II	357863	CDS	+	BPSS0268A	N	G	A
Bp Chr II	357868	CDS	+	BPSS0268A	N	T	C
Bp Chr II	357871	CDS	+	BPSS0268A	N	T	C
Bp Chr II	357872	CDS	+	BPSS0268A	N	G	A
Bp Chr II	357883	CDS	+	BPSS0268A	N	A	C

Bp Chr II	358072	Intergenic	.	-	-	G	A
Bp Chr II	358356	CDS	-	BPSS0269	S	C	T
Bp Chr II	358374	CDS	-	BPSS0269	S	A	G
Bp Chr II	358719	CDS	-	BPSS0269	S	G	A
Bp Chr II	358764	CDS	-	BPSS0269	S	G	A
Bp Chr II	358916	Intergenic	.	-	-	T	C
Bp Chr II	359056	Intergenic	.	-	-	T	C
Bp Chr II	359092	Intergenic	.	-	-	G	A
Bp Chr II	359126	CDS	-	BPSS0270	S	T	C
Bp Chr II	359303	CDS	-	BPSS0270	S	C	T
Bp Chr II	359611	CDS	-	BPSS0270	N	C	T
Bp Chr II	359805	CDS	-	BPSS0270	N	C	T
Bp Chr II	359822	CDS	-	BPSS0270	S	C	G
Bp Chr II	359885	CDS	-	BPSS0270	S	T	C
Bp Chr II	360020	Intergenic	.	-	-	G	A
Bp Chr II	360053	Intergenic	.	-	-	G	T
Bp Chr II	360090	Intergenic	.	-	-	C	A
Bp Chr II	360388	CDS	+	BPSS0271	S	C	T
Bp Chr II	360424	CDS	+	BPSS0271	S	T	C
Bp Chr II	367745	CDS	+	BPSS0276	N	T	C
Bp Chr II	367993	CDS	+	BPSS0276	N	C	G
Bp Chr II	368004	CDS	+	BPSS0276	S	G	A
Bp Chr II	368154	CDS	+	BPSS0276	S	G	A
Bp Chr II	368568	CDS	+	BPSS0276	S	C	T
Bp Chr II	368592	CDS	+	BPSS0276	S	G	A
Bp Chr II	368718	CDS	+	BPSS0276	S	G	A
Bp Chr II	368738	CDS	+	BPSS0276	N	A	G
Bp Chr II	368787	CDS	+	BPSS0276	S	A	G
Bp Chr II	368995	CDS	+	BPSS0276	N	G	A
Bp Chr II	369116	Intergenic	.	-	-	G	C
Bp Chr II	408293	CDS	-	BPSS0303	N	C	T
Bp Chr II	408341	CDS	-	BPSS0304	S	C	T
Bp Chr II	408342	CDS	-	BPSS0304	N	G	A
Bp Chr II	408549	CDS	-	BPSS0304	N	C	T
Bp Chr II	408557	CDS	-	BPSS0304	S	G	A
Bp Chr II	408599	CDS	-	BPSS0304	S	A	G
Bp Chr II	408602	CDS	-	BPSS0304	S	G	T
Bp Chr II	408603	CDS	-	BPSS0304	N	C	T
Bp Chr II	408605	CDS	-	BPSS0304	S	T	C
Bp Chr II	408976	CDS	-	BPSS0304	N	G	C
Bp Chr II	409133	CDS	-	BPSS0304	S	G	A
Bp Chr II	409150	CDS	-	BPSS0304	N	A	C
Bp Chr II	409180	CDS	-	BPSS0304	N	A	G
Bp Chr II	409231	CDS	-	BPSS0304	N	C	G
Bp Chr II	409263	CDS	-	BPSS0304	N	C	T
Bp Chr II	409597	CDS	-	BPSS0304	N	C	T
Bp Chr II	409739	CDS	-	BPSS0304	S	C	T

Bp Chr II	409992	CDS	-	BPSS0305	N	C	A
Bp Chr II	410394	CDS	-	BPSS0305	N	C	T
Bp Chr II	410566	CDS	-	BPSS0305	S	C	T
Bp Chr II	410911	CDS	-	BPSS0306	N	T	C
Bp Chr II	410979	CDS	-	BPSS0306	S	A	G
Bp Chr II	410988	CDS	-	BPSS0306	S	C	A
Bp Chr II	411318	CDS	-	BPSS0306	S	G	A
Bp Chr II	411324	CDS	-	BPSS0306	S	A	G
Bp Chr II	411593	CDS	-	BPSS0306	N	A	C
Bp Chr II	411816	CDS	-	BPSS0306	S	G	A
Bp Chr II	411904	CDS	-	BPSS0306	N	T	C
Bp Chr II	412112	CDS	-	BPSS0306	N	C	T
Bp Chr II	412122	CDS	-	BPSS0306	S	G	A
Bp Chr II	412317	CDS	-	BPSS0306	S	A	G
Bp Chr II	412389	CDS	-	BPSS0306	S	T	C
Bp Chr II	414557	CDS	-	BPSS0306	N	G	A
Bp Chr II	414657	CDS	-	BPSS0306	S	C	T
Bp Chr II	414676	CDS	-	BPSS0306	N	C	T
Bp Chr II	415040	CDS	-	BPSS0306	N	T	C
Bp Chr II	415134	CDS	-	BPSS0306	S	T	C
Bp Chr II	415165	CDS	-	BPSS0306	N	T	C
Bp Chr II	415168	CDS	-	BPSS0306	N	C	T
Bp Chr II	415282	CDS	-	BPSS0306	N	A	G
Bp Chr II	415362	CDS	-	BPSS0306	S	G	T
Bp Chr II	415368	CDS	-	BPSS0306	S	C	T
Bp Chr II	415434	CDS	-	BPSS0306	S	G	T
Bp Chr II	415465	CDS	-	BPSS0306	N	A	G
Bp Chr II	415466	CDS	-	BPSS0306	N	T	C
Bp Chr II	415470	CDS	-	BPSS0306	S	T	C
Bp Chr II	415689	CDS	-	BPSS0306	S	C	G
Bp Chr II	415745	CDS	-	BPSS0306	N	C	T
Bp Chr II	416304	CDS	-	BPSS0306	S	G	A
Bp Chr II	431975	CDS	-	BPSS0311	N	C	T
Bp Chr II	432097	CDS	-	BPSS0311	N	C	T
Bp Chr II	432487	CDS	-	BPSS0311	N	G	A
Bp Chr II	432493	CDS	-	BPSS0311	N	T	C
Bp Chr II	432504	CDS	-	BPSS0311	S	T	C
Bp Chr II	432534	CDS	-	BPSS0311	S	G	A
Bp Chr II	432615	CDS	-	BPSS0311	S	C	G
Bp Chr II	432618	CDS	-	BPSS0311	S	C	T
Bp Chr II	432702	CDS	-	BPSS0311	S	G	A
Bp Chr II	432806	CDS	-	BPSS0311	N	A	G
Bp Chr II	432884	CDS	-	BPSS0311	N	T	C
Bp Chr II	432947	CDS	-	BPSS0311	N	A	G
Bp Chr II	432990	CDS	-	BPSS0311	S	C	A
Bp Chr II	433134	CDS	-	BPSS0311	S	G	A
Bp Chr II	433180	CDS	-	BPSS0311	N	C	T

Bp Chr II	433291	CDS	-	BPSS0311	N	G	A
Bp Chr II	433608	CDS	-	BPSS0311	S	A	G
Bp Chr II	433614	CDS	-	BPSS0311	S	A	G
Bp Chr II	433674	CDS	-	BPSS0311	S	A	G
Bp Chr II	433893	CDS	-	BPSS0311	S	T	C
Bp Chr II	433974	CDS	-	BPSS0311	S	G	C
Bp Chr II	433989	CDS	-	BPSS0311	S	G	A
Bp Chr II	434115	CDS	-	BPSS0311	S	G	C
Bp Chr II	434130	CDS	-	BPSS0311	S	C	T
Bp Chr II	434648	CDS	-	BPSS0311	N	A	G
Bp Chr II	434676	CDS	-	BPSS0311	S	G	C
Bp Chr II	434692	CDS	-	BPSS0311	N	C	A,T
Bp Chr II	434715	CDS	-	BPSS0311	S	C	T
Bp Chr II	434741	CDS	-	BPSS0311	N	C	T
Bp Chr II	434793	CDS	-	BPSS0311	S	C	T
Bp Chr II	435297	CDS	-	BPSS0311	S	G	A
Bp Chr II	435571	CDS	-	BPSS0311	N	C	T
Bp Chr II	436138	CDS	-	BPSS0311	N	C	T
Bp Chr II	436419	CDS	-	BPSS0311	S	C	T
Bp Chr II	436661	CDS	-	BPSS0311	N	A	G
Bp Chr II	436668	CDS	-	BPSS0311	S	A	G
Bp Chr II	436686	CDS	-	BPSS0311	S	A	G
Bp Chr II	436689	CDS	-	BPSS0311	S	G	A
Bp Chr II	436759	CDS	-	BPSS0311	N	G	A
Bp Chr II	436804	CDS	-	BPSS0311	N	G	A
Bp Chr II	436962	CDS	-	BPSS0311	S	C	T
Bp Chr II	437042	CDS	-	BPSS0311	N	C	T
Bp Chr II	437551	Intergenic	.	-	-	C	A
Bp Chr II	437553	Intergenic	.	-	-	A	G
Bp Chr II	437554	Intergenic	.	-	-	A	G
Bp Chr II	437586	Intergenic	.	-	-	C	A
Bp Chr II	437613	Intergenic	.	-	-	T	C
Bp Chr II	437673	Intergenic	.	-	-	C	T
Bp Chr II	437711	Intergenic	.	-	-	G	T
Bp Chr II	437817	Intergenic	.	-	-	T	C
Bp Chr II	438125	Intergenic	.	-	-	C	T
Bp Chr II	438144	Intergenic	.	-	-	A	G
Bp Chr II	438184	Intergenic	.	-	-	G	A
Bp Chr II	438214	Intergenic	.	-	-	T	C
Bp Chr II	438254	Intergenic	.	-	-	G	A
Bp Chr II	438282	Intergenic	.	-	-	C	T
Bp Chr II	438420	Intergenic	.	-	-	C	T
Bp Chr II	438473	Intergenic	.	-	-	A	G
Bp Chr II	438775	CDS	+	BPSS0312	S	G	A
Bp Chr II	438865	CDS	+	BPSS0312	S	C	T
Bp Chr II	439328	Intergenic	.	-	-	A	G
Bp Chr II	439429	Intergenic	.	-	-	T	C

Bp Chr II	439458	Intergenic	.	-	-	C	T
Bp Chr II	439647	CDS	+	BPSS0313	S	T	C
Bp Chr II	439659	CDS	+	BPSS0313	S	G	A
Bp Chr II	439724	CDS	+	BPSS0313	N	T	G
Bp Chr II	440208	CDS	+	BPSS0313	N	G	C
Bp Chr II	440331	CDS	+	BPSS0313	S	G	A
Bp Chr II	440998	CDS	+	BPSS0314	N	T	C
Bp Chr II	441275	CDS	+	BPSS0314	S	C	T
Bp Chr II	441575	CDS	+	BPSS0314	N	T	G
Bp Chr II	441701	CDS	+	BPSS0314	S	C	A
Bp Chr II	441861	CDS	+	BPSS0314	N	C	T
Bp Chr II	441986	CDS	+	BPSS0315	N	A	G
Bp Chr II	442072	CDS	+	BPSS0315	S	C	G
Bp Chr II	442177	CDS	+	BPSS0315	S	G	A
Bp Chr II	442349	CDS	+	BPSS0315	N	A	C
Bp Chr II	442587	CDS	+	BPSS0315	N	G	T
Bp Chr II	442630	CDS	+	BPSS0315	S	G	A
Bp Chr II	442758	CDS	+	BPSS0315	N	T	C
Bp Chr II	442765	CDS	+	BPSS0315	S	C	T
Bp Chr II	442790	CDS	+	BPSS0315	N	G	T
Bp Chr II	442984	CDS	+	BPSS0315	S	T	C
Bp Chr II	443411	CDS	+	BPSS0316	S	C	T
Bp Chr II	479197	CDS	+	BPSS0345	S	A	G
Bp Chr II	479284	CDS	+	BPSS0345	S	G	C
Bp Chr II	479708	CDS	+	BPSS0346	S	G	C
Bp Chr II	479710	CDS	+	BPSS0346	N	G	A
Bp Chr II	479785	CDS	+	BPSS0346	N	C	T
Bp Chr II	479814	CDS	+	BPSS0346	N	G	A
Bp Chr II	480092	CDS	+	BPSS0346	S	C	T
Bp Chr II	480134	CDS	+	BPSS0346	S	G	A
Bp Chr II	480147	CDS	+	BPSS0346	N	C	T
Bp Chr II	480237	CDS	+	BPSS0346	N	G	A
Bp Chr II	480479	CDS	+	BPSS0346	S	T	C
Bp Chr II	480600	CDS	+	BPSS0347	S	G	T
Bp Chr II	480651	CDS	+	BPSS0347	S	C	T
Bp Chr II	480673	CDS	+	BPSS0347	N	C	T
Bp Chr II	481129	CDS	+	BPSS0347	N	G	A
Bp Chr II	481132	CDS	+	BPSS0347	N	G	A
Bp Chr II	481180	CDS	+	BPSS0347	S	C	T
Bp Chr II	481416	CDS	+	BPSS0347	S	C	T
Bp Chr II	481673	CDS	+	BPSS0348	N	G	C
Bp Chr II	481831	CDS	+	BPSS0348	S	T	C
Bp Chr II	481857	CDS	+	BPSS0348	N	C	T
Bp Chr II	482096	CDS	+	BPSS0348	N	C	T
Bp Chr II	482438	CDS	+	BPSS0348	N	A	G
Bp Chr II	495179	CDS	+	BPSS0354	S	A	G
Bp Chr II	495277	Intergenic	.	-	-	C	T

Bp Chr II	495289	Intergenic	.	-	-	C	T
Bp Chr II	495319	Intergenic	.	-	-	C	T
Bp Chr II	495320	Intergenic	.	-	-	T	G
Bp Chr II	495439	Intergenic	.	-	-	G	A
Bp Chr II	495466	Intergenic	.	-	-	G	A
Bp Chr II	495482	Intergenic	.	-	-	C	T
Bp Chr II	495554	CDS	-	BPSS0355	N	C	T
Bp Chr II	495723	CDS	-	BPSS0355	S	T	C
Bp Chr II	495876	CDS	-	BPSS0355	S	T	C
Bp Chr II	496473	CDS	-	BPSS0355	S	C	T
Bp Chr II	496527	CDS	-	BPSS0355	S	C	T
Bp Chr II	496693	Intergenic	.	-	-	G	A
Bp Chr II	496709	Intergenic	.	-	-	G	A
Bp Chr II	496735	Intergenic	.	-	-	T	C
Bp Chr II	496807	Intergenic	.	-	-	C	T
Bp Chr II	496838	Intergenic	.	-	-	C	T
Bp Chr II	496839	Intergenic	.	-	-	G	T
Bp Chr II	496847	Intergenic	.	-	-	T	A
Bp Chr II	496965	Intergenic	.	-	-	T	C
Bp Chr II	497335	CDS	+	BPSS0356	S	G	A
Bp Chr II	497620	CDS	+	BPSS0356	S	G	A
Bp Chr II	497656	CDS	+	BPSS0356	S	C	T
Bp Chr II	497681	CDS	+	BPSS0356	S	T	C
Bp Chr II	497710	CDS	+	BPSS0356	S	C	T
Bp Chr II	498367	CDS	+	BPSS0356	S	G	A
Bp Chr II	498592	CDS	+	BPSS0356	S	C	T
Bp Chr II	499003	CDS	+	BPSS0356	S	C	T
Bp Chr II	499127	Intergenic	.	-	-	A	G
Bp Chr II	499391	CDS	+	BPSS0357	S	T	C
Bp Chr II	499953	CDS	+	BPSS0358	N	C	T
Bp Chr II	557581	CDS	-	BPSS0409	S	A	G
Bp Chr II	557623	CDS	-	BPSS0409	N	T	G
Bp Chr II	557875	CDS	-	BPSS0409	S	T	C
Bp Chr II	557939	CDS	-	BPSS0409	N	T	C
Bp Chr II	558020	CDS	-	BPSS0409	N	T	C
Bp Chr II	558073	CDS	-	BPSS0409	S	G	T
Bp Chr II	558247	CDS	-	BPSS0409	S	G	C
Bp Chr II	558269	CDS	-	BPSS0409	N	T	C
Bp Chr II	558769	CDS	-	BPSS0409	S	A	G
Bp Chr II	558893	CDS	-	BPSS0409	N	C	T
Bp Chr II	558924	CDS	-	BPSS0409	N	C	A
Bp Chr II	558961	CDS	-	BPSS0409	S	C	A
Bp Chr II	558966	CDS	-	BPSS0409	N	A	C
Bp Chr II	558968	CDS	-	BPSS0409	N	T	C
Bp Chr II	559009	CDS	-	BPSS0409	S	G	A
Bp Chr II	559532	CDS	-	BPSS0409	N	C	T
Bp Chr II	559567	CDS	-	BPSS0409	S	G	A

Bp Chr II	570338	CDS	+	BPSS0414	S	C	T
Bp Chr II	570366	CDS	+	BPSS0414	N	A	C
Bp Chr II	570647	CDS	+	BPSS0414	S	G	A
Bp Chr II	570846	Intergenic	.	-	-	A	G
Bp Chr II	570871	Intergenic	.	-	-	G	A
Bp Chr II	659148	CDS	+	BPSS0486	S	T	C
Bp Chr II	659184	CDS	+	BPSS0486	S	T	C
Bp Chr II	659382	CDS	+	BPSS0486	S	G	A
Bp Chr II	659628	CDS	+	BPSS0486	S	G	C
Bp Chr II	659655	CDS	+	BPSS0486	S	C	T
Bp Chr II	659711	CDS	+	BPSS0486	N	C	A
Bp Chr II	659988	CDS	+	BPSS0486	S	C	T
Bp Chr II	660085	CDS	+	BPSS0486	N	A	G
Bp Chr II	660144	CDS	+	BPSS0486	S	G	A
Bp Chr II	660222	CDS	+	BPSS0486	S	C	A
Bp Chr II	660351	CDS	+	BPSS0486	S	G	A
Bp Chr II	660412	CDS	+	BPSS0486	N	A	G
Bp Chr II	660457	CDS	+	BPSS0486	N	T	C
Bp Chr II	660469	CDS	+	BPSS0486	N	A	C
Bp Chr II	660475	CDS	+	BPSS0486	N	C	T
Bp Chr II	660483	CDS	+	BPSS0486	S	G	A
Bp Chr II	660495	CDS	+	BPSS0486	S	A	G
Bp Chr II	660624	CDS	+	BPSS0486	S	C	T
Bp Chr II	660685	CDS	+	BPSS0486	N	G	A
Bp Chr II	660713	CDS	+	BPSS0486	N	G	A
Bp Chr II	660966	CDS	+	BPSS0486	S	T	C
Bp Chr II	661285	CDS	+	BPSS0486	S	C	T
Bp Chr II	661473	CDS	+	BPSS0486	S	A	C
Bp Chr II	661569	CDS	+	BPSS0486	S	C	T
Bp Chr II	661650	CDS	+	BPSS0486	S	C	T
Bp Chr II	661767	CDS	+	BPSS0486	S	C	A,G
Bp Chr II	661959	CDS	+	BPSS0486	S	G	A
Bp Chr II	662010	CDS	+	BPSS0486	S	G	A
Bp Chr II	662053	CDS	+	BPSS0486	N	G	A
Bp Chr II	662138	CDS	+	BPSS0486	N	C	A
Bp Chr II	662140	CDS	+	BPSS0486	N	G	T
Bp Chr II	662159	CDS	+	BPSS0486	N	T	C
Bp Chr II	662161	CDS	+	BPSS0486	N	C	T
Bp Chr II	662180	CDS	+	BPSS0486	N	C	T
Bp Chr II	662193	CDS	+	BPSS0486	S	C	T
Bp Chr II	662213	CDS	+	BPSS0486	N	A	G
Bp Chr II	662257	CDS	+	BPSS0486	N	A	G
Bp Chr II	662289	CDS	+	BPSS0486	S	G	A
Bp Chr II	662343	CDS	+	BPSS0486	S	C	T
Bp Chr II	662389	CDS	+	BPSS0486	N	C	T
Bp Chr II	662391	CDS	+	BPSS0486	S	C	T
Bp Chr II	662463	CDS	+	BPSS0486	S	A	G

Bp Chr II	707515	CDS	+	BPSS0520	S	C	T
Bp Chr II	707701	CDS	+	BPSS0520	S	C	T
Bp Chr II	708034	CDS	+	BPSS0520	S	C	T
Bp Chr II	708432	CDS	+	BPSS0521	S	A	G
Bp Chr II	708555	CDS	+	BPSS0521	S	A	G
Bp Chr II	708768	CDS	+	BPSS0521	S	T	C
Bp Chr II	708858	CDS	+	BPSS0521	S	G	A
Bp Chr II	709355	CDS	+	BPSS0522	S	A	G
Bp Chr II	709564	CDS	+	BPSS0522	N	G	A
Bp Chr II	709754	CDS	+	BPSS0522	S	G	A
Bp Chr II	709946	CDS	+	BPSS0522	S	G	A
Bp Chr II	709982	CDS	+	BPSS0522	S	G	A
Bp Chr II	710018	CDS	+	BPSS0522	S	G	A
Bp Chr II	710285	CDS	+	BPSS0522	S	A	G
Bp Chr II	710462	CDS	+	BPSS0522	S	G	A
Bp Chr II	710738	CDS	+	BPSS0522	S	T	C
Bp Chr II	710741	CDS	+	BPSS0522	S	G	A
Bp Chr II	710780	CDS	+	BPSS0522	S	A	G
Bp Chr II	711299	CDS	+	BPSS0522	S	C	T
Bp Chr II	722697	CDS	+	BPSS0530	S	A	G
Bp Chr II	722799	CDS	+	BPSS0530	S	G	A
Bp Chr II	722806	CDS	+	BPSS0530	S	C	T
Bp Chr II	723528	CDS	+	BPSS0531	N	C	A
Bp Chr II	723547	CDS	+	BPSS0531	S	A	C
Bp Chr II	724243	CDS	+	BPSS0531	S	C	A
Bp Chr II	724504	CDS	+	BPSS0531	S	C	T
Bp Chr II	724907	CDS	+	BPSS0531	S	C	A
Bp Chr II	724938	CDS	+	BPSS0532	S	C	T
Bp Chr II	724998	CDS	+	BPSS0532	S	A	G
Bp Chr II	725178	CDS	+	BPSS0532	S	C	T
Bp Chr II	725389	CDS	+	BPSS0532	N	T	C
Bp Chr II	725460	CDS	+	BPSS0532	S	C	T
Bp Chr II	725490	CDS	+	BPSS0532	S	C	G
Bp Chr II	725700	CDS	+	BPSS0532	S	T	C
Bp Chr II	725972	CDS	+	BPSS0532	N	G	C
Bp Chr II	726012	CDS	+	BPSS0532	S	G	A
Bp Chr II	726265	CDS	+	BPSS0532	S	C	T
Bp Chr II	726375	CDS	+	BPSS0532	S	C	T
Bp Chr II	726417	CDS	+	BPSS0532	S	C	T
Bp Chr II	726501	CDS	+	BPSS0532	S	A	G
Bp Chr II	726522	CDS	+	BPSS0532	S	C	T
Bp Chr II	726553	CDS	+	BPSS0532	S	C	T
Bp Chr II	726810	CDS	+	BPSS0532	S	C	T
Bp Chr II	726834	CDS	+	BPSS0532	S	G	A
Bp Chr II	726870	CDS	+	BPSS0532	S	G	A
Bp Chr II	726912	CDS	+	BPSS0532	S	T	C
Bp Chr II	726987	CDS	+	BPSS0532	S	C	T

Bp Chr II	727624	CDS	+	BPSS0532	N	T	C
Bp Chr II	727638	CDS	+	BPSS0532	S	A	G
Bp Chr II	727713	CDS	+	BPSS0532	S	C	T
Bp Chr II	727923	CDS	+	BPSS0532	S	A	G
Bp Chr II	728016	CDS	+	BPSS0532	S	T	C
Bp Chr II	728025	CDS	+	BPSS0532	S	C	T
Bp Chr II	728046	CDS	+	BPSS0532	S	G	A
Bp Chr II	728109	CDS	+	BPSS0532	S	G	A
Bp Chr II	728121	CDS	+	BPSS0532	S	T	C
Bp Chr II	728313	CDS	+	BPSS0532	S	C	T
Bp Chr II	728533	CDS	+	BPSS0533	S	C	T
Bp Chr II	728595	CDS	+	BPSS0533	N	C	T
Bp Chr II	728698	CDS	+	BPSS0533	S	G	A
Bp Chr II	728729	CDS	+	BPSS0533	N	A	G
Bp Chr II	728866	Intergenic	.	-	-	T	G
Bp Chr II	728907	CDS	+	BPSS0534	N	G	A
Bp Chr II	729008	CDS	+	BPSS0534	S	A	G
Bp Chr II	729086	CDS	+	BPSS0534	S	C	T
Bp Chr II	729225	CDS	+	BPSS0534	N	T	G
Bp Chr II	729255	CDS	+	BPSS0534	N	G	A
Bp Chr II	729415	Intergenic	.	-	-	C	T
Bp Chr II	729924	Intergenic	.	-	-	C	T
Bp Chr II	729928	Intergenic	.	-	-	A	G
Bp Chr II	730125	Intergenic	.	-	-	C	T
Bp Chr II	730192	Intergenic	.	-	-	G	T
Bp Chr II	739431	Intergenic	.	-	-	G	T
Bp Chr II	739453	Intergenic	.	-	-	G	T
Bp Chr II	739658	Intergenic	.	-	-	C	G
Bp Chr II	739713	Intergenic	.	-	-	C	T
Bp Chr II	739790	Intergenic	.	-	-	C	T
Bp Chr II	739835	Intergenic	.	-	-	C	A
Bp Chr II	740036	CDS	-	BPSS0542	N	T	C
Bp Chr II	740162	CDS	-	BPSS0542	N	C	T
Bp Chr II	740318	CDS	-	BPSS0542	N	G	A
Bp Chr II	740326	CDS	-	BPSS0542	S	C	G
Bp Chr II	740408	CDS	-	BPSS0542	N	C	T
Bp Chr II	740437	CDS	-	BPSS0542	S	A	G
Bp Chr II	740451	CDS	-	BPSS0542	S	A	G
Bp Chr II	740521	CDS	-	BPSS0542	S	C	T
Bp Chr II	740578	CDS	-	BPSS0542	S	A	G
Bp Chr II	740614	CDS	-	BPSS0542	S	G	A
Bp Chr II	740806	CDS	-	BPSS0542	S	G	A
Bp Chr II	740914	CDS	-	BPSS0542	S	G	A
Bp Chr II	740998	CDS	-	BPSS0542	S	C	T
Bp Chr II	741068	CDS	-	BPSS0542	N	G	A
Bp Chr II	741146	CDS	-	BPSS0542	N	G	A
Bp Chr II	741148	CDS	-	BPSS0542	S	G	A

Bp Chr II	741167	CDS	-	BPSS0542	N	G	A
Bp Chr II	794607	Intergenic	.	-	-	C	T
Bp Chr II	794665	Intergenic	.	-	-	C	A
Bp Chr II	794667	Intergenic	.	-	-	C	A
Bp Chr II	794737	Intergenic	.	-	-	C	A
Bp Chr II	795119	CDS	+	BPSS0585	N	A	G
Bp Chr II	795442	CDS	+	BPSS0585	S	C	T
Bp Chr II	795614	CDS	+	BPSS0585	S	C	T
Bp Chr II	795744	CDS	+	BPSS0585	N	A	G
Bp Chr II	795818	Intergenic	.	-	-	T	C
Bp Chr II	795868	Intergenic	.	-	-	C	T
Bp Chr II	795931	CDS	+	BPSS0586	S	C	T
Bp Chr II	795960	CDS	+	BPSS0586	N	T	G
Bp Chr II	796017	CDS	+	BPSS0586	N	A	C
Bp Chr II	796072	CDS	+	BPSS0586	S	C	T
Bp Chr II	796088	CDS	+	BPSS0586	N	A	G
Bp Chr II	796182	CDS	+	BPSS0586	N	G	A
Bp Chr II	796184	CDS	+	BPSS0586	N	G	A
Bp Chr II	796249	CDS	+	BPSS0586	S	C	T
Bp Chr II	796253	CDS	+	BPSS0586	N	A	G
Bp Chr II	796259	CDS	+	BPSS0586	N	A	G
Bp Chr II	796261	CDS	+	BPSS0586	S	C	T
Bp Chr II	796265	CDS	+	BPSS0586	N	A	G
Bp Chr II	796271	CDS	+	BPSS0586	N	A	G
Bp Chr II	796273	CDS	+	BPSS0586	S	C	T
Bp Chr II	796277	CDS	+	BPSS0586	N	G	A
Bp Chr II	796283	CDS	+	BPSS0586	N	G	A
Bp Chr II	811041	Intergenic	.	-	-	C	T
Bp Chr II	811053	Intergenic	.	-	-	G	C
Bp Chr II	811155	CDS	+	BPSS0591	N	G	T
Bp Chr II	811245	CDS	+	BPSS0591	N	A	G
Bp Chr II	811317	CDS	+	BPSS0591	N	C	A
Bp Chr II	811326	CDS	+	BPSS0591	N	G	A
Bp Chr II	811718	CDS	+	BPSS0591	N	A	G
Bp Chr II	812021	CDS	+	BPSS0591	N	G	A
Bp Chr II	812079	CDS	+	BPSS0591	N	A	G
Bp Chr II	812117	CDS	+	BPSS0591	N	A	G
Bp Chr II	812269	CDS	+	BPSS0591	S	C	T
Bp Chr II	812275	CDS	+	BPSS0591	S	T	C
Bp Chr II	830237	CDS	-	BPSS0607	N	C	T
Bp Chr II	830372	CDS	-	BPSS0608	S	C	T
Bp Chr II	830618	CDS	-	BPSS0608	S	C	T
Bp Chr II	830826	CDS	-	BPSS0608	N	C	T
Bp Chr II	831173	CDS	-	BPSS0608	S	C	T
Bp Chr II	831189	CDS	-	BPSS0609	S	T	C
Bp Chr II	831194	CDS	-	BPSS0609	N	T	C
Bp Chr II	831206	CDS	-	BPSS0609	N	T	G

Bp Chr II	831467	CDS	-	BPSS0609	S	G	A
Bp Chr II	831477	CDS	-	BPSS0609	S	G	A
Bp Chr II	831546	CDS	-	BPSS0609	S	G	C
Bp Chr II	831618	CDS	-	BPSS0609	S	C	T
Bp Chr II	831761	CDS	-	BPSS0609	N	C	T
Bp Chr II	831770	CDS	-	BPSS0609	N	C	T
Bp Chr II	831853	CDS	-	BPSS0609	N	T	C
Bp Chr II	831926	CDS	-	BPSS0609	N	T	C
Bp Chr II	831937	CDS	-	BPSS0609	N	T	C
Bp Chr II	832081	CDS	-	BPSS0609	N	A	G
Bp Chr II	832146	CDS	-	BPSS0609	S	G	A
Bp Chr II	832299	CDS	-	BPSS0609	S	G	A
Bp Chr II	832364	CDS	-	BPSS0609	N	C	T
Bp Chr II	832774	CDS	-	BPSS0610	S	A	G
Bp Chr II	832967	CDS	-	BPSS0610	S	G	A
Bp Chr II	833440	Intergenic	.	-	-	G	A
Bp Chr II	834674	CDS	-	BPSS0611	N	T	C
Bp Chr II	834835	CDS	-	BPSS0612	N	G	T
Bp Chr II	834955	CDS	-	BPSS0612	N	T	C
Bp Chr II	835195	CDS	-	BPSS0612	N	C	T
Bp Chr II	835324	CDS	-	BPSS0612	N	C	T
Bp Chr II	835396	CDS	-	BPSS0612	N	C	G
Bp Chr II	835520	CDS	-	BPSS0612	S	G	A
Bp Chr II	835661	CDS	-	BPSS0612	S	C	T
Bp Chr II	835898	CDS	-	BPSS0612	S	C	T
Bp Chr II	836006	CDS	-	BPSS0612	S	T	C
Bp Chr II	848943	CDS	+	BPSS0622	S	T	C
Bp Chr II	848970	CDS	+	BPSS0622	S	C	T
Bp Chr II	848984	CDS	+	BPSS0622	N	T	C
Bp Chr II	849264	CDS	+	BPSS0622	S	G	C
Bp Chr II	849306	CDS	+	BPSS0622	S	G	A
Bp Chr II	849359	Intergenic	.	-	-	C	T
Bp Chr II	849373	Intergenic	.	-	-	C	G
Bp Chr II	849387	Intergenic	.	-	-	C	T
Bp Chr II	849396	Intergenic	.	-	-	C	T
Bp Chr II	849405	Intergenic	.	-	-	C	T
Bp Chr II	849416	Intergenic	.	-	-	G	A
Bp Chr II	849424	Intergenic	.	-	-	A	G
Bp Chr II	849554	Intergenic	.	-	-	C	T
Bp Chr II	849575	Intergenic	.	-	-	C	T
Bp Chr II	849600	Intergenic	.	-	-	C	A
Bp Chr II	849601	Intergenic	.	-	-	C	T
Bp Chr II	849624	Intergenic	.	-	-	C	A
Bp Chr II	849731	Intergenic	.	-	-	A	G
Bp Chr II	849749	Intergenic	.	-	-	G	A
Bp Chr II	849858	CDS	-	BPSS0623	S	T	C
Bp Chr II	849891	CDS	-	BPSS0623	S	G	C,T

Bp Chr II	849930	CDS	-	BPSS0623	S	C	T
Bp Chr II	850121	CDS	-	BPSS0623	N	G	T
Bp Chr II	850144	CDS	-	BPSS0623	N	A	G
Bp Chr II	850230	CDS	-	BPSS0623	S	C	T
Bp Chr II	850263	CDS	-	BPSS0623	S	C	T
Bp Chr II	850317	CDS	-	BPSS0623	N	G	C
Bp Chr II	850379	CDS	-	BPSS0623	N	C	T
Bp Chr II	850441	CDS	-	BPSS0623	N	C	T
Bp Chr II	850509	CDS	-	BPSS0623	S	C	T
Bp Chr II	850518	CDS	-	BPSS0623	S	C	T
Bp Chr II	850656	CDS	-	BPSS0623	S	T	C
Bp Chr II	850993	CDS	-	BPSS0623	N	A	G
Bp Chr II	851049	CDS	-	BPSS0623	S	G	A
Bp Chr II	851055	CDS	-	BPSS0623	S	G	C
Bp Chr II	851058	CDS	-	BPSS0623	S	G	A
Bp Chr II	851097	CDS	-	BPSS0623	S	G	A
Bp Chr II	851099	CDS	-	BPSS0623	N	T	G
Bp Chr II	851208	CDS	-	BPSS0624	S	G	A
Bp Chr II	851244	CDS	-	BPSS0624	S	G	A
Bp Chr II	851727	CDS	-	BPSS0624	S	C	T
Bp Chr II	851916	CDS	-	BPSS0624	S	C	T
Bp Chr II	851949	CDS	-	BPSS0624	S	C	T
Bp Chr II	852092	CDS	-	BPSS0624	N	A	G
Bp Chr II	852112	CDS	-	BPSS0624	N	T	A
Bp Chr II	852126	CDS	-	BPSS0624	N	A	C
Bp Chr II	852144	CDS	-	BPSS0624	S	A	G
Bp Chr II	852201	CDS	-	BPSS0624	S	C	A
Bp Chr II	852207	CDS	-	BPSS0624	S	C	T
Bp Chr II	852288	CDS	-	BPSS0624	S	C	T
Bp Chr II	852345	CDS	-	BPSS0624	S	G	A
Bp Chr II	917328	CDS	+	BPSS0677	S	C	T
Bp Chr II	918040	CDS	-	BPSS0678	N	T	G
Bp Chr II	918275	Intergenic	.	-	-	C	T
Bp Chr II	918280	Intergenic	.	-	-	C	T
Bp Chr II	918402	Intergenic	.	-	-	A	G
Bp Chr II	918427	Intergenic	.	-	-	G	C
Bp Chr II	918453	Intergenic	.	-	-	C	G
Bp Chr II	918631	Intergenic	.	-	-	T	G
Bp Chr II	918715	Intergenic	.	-	-	C	T
Bp Chr II	918765	CDS	-	BPSS0679	N	C	A
Bp Chr II	918921	CDS	-	BPSS0679	S	T	C
Bp Chr II	919077	CDS	-	BPSS0679	S	A	G
Bp Chr II	919296	CDS	-	BPSS0679	S	C	T
Bp Chr II	919544	CDS	-	BPSS0679	N	C	T
Bp Chr II	919600	CDS	-	BPSS0679	N	C	T
Bp Chr II	919614	CDS	-	BPSS0679	S	C	T
Bp Chr II	919629	CDS	-	BPSS0679	S	G	T

Bp Chr II	920171	CDS	-	BPSS0679	N	A	C
Bp Chr II	920227	CDS	-	BPSS0679	N	C	G
Bp Chr II	920276	CDS	-	BPSS0679	N	C	A
Bp Chr II	920313	CDS	-	BPSS0679	S	C	T
Bp Chr II	920336	CDS	-	BPSS0679	N	C	T
Bp Chr II	920378	CDS	-	BPSS0679	N	C	T
Bp Chr II	920574	CDS	-	BPSS0679	S	A	G
Bp Chr II	920739	CDS	-	BPSS0679	S	C	T
Bp Chr II	920745	CDS	-	BPSS0679	S	A	G
Bp Chr II	920828	CDS	-	BPSS0679	N	C	A
Bp Chr II	920845	CDS	-	BPSS0679	N	G	T
Bp Chr II	920925	CDS	-	BPSS0679	S	T	C
Bp Chr II	921292	CDS	-	BPSS0680	N	C	T
Bp Chr II	921572	Intergenic	.	-	-	G	C
Bp Chr II	921579	Intergenic	.	-	-	C	T
Bp Chr II	921587	Intergenic	.	-	-	C	G
Bp Chr II	921594	Intergenic	.	-	-	C	T
Bp Chr II	921632	Intergenic	.	-	-	A	G
Bp Chr II	921639	Intergenic	.	-	-	C	T
Bp Chr II	921642	Intergenic	.	-	-	T	C
Bp Chr II	921649	CDS	+	BPSS0681	N	T	A
Bp Chr II	921745	CDS	+	BPSS0681	N	C	T
Bp Chr II	922027	CDS	+	BPSS0681	N	G	A
Bp Chr II	922664	Intergenic	.	-	-	T	G
Bp Chr II	922680	Intergenic	.	-	-	G	T
Bp Chr II	923072	CDS	+	BPSS0682	S	C	G
Bp Chr II	923229	CDS	+	BPSS0682	N	C	T
Bp Chr II	923306	Intergenic	.	-	-	C	G
Bp Chr II	923348	Intergenic	.	-	-	A	G
Bp Chr II	923380	Intergenic	.	-	-	G	C
Bp Chr II	923390	Intergenic	.	-	-	G	A
Bp Chr II	923444	Intergenic	.	-	-	C	T
Bp Chr II	923459	Intergenic	.	-	-	G	A
Bp Chr II	923524	Intergenic	.	-	-	C	T
Bp Chr II	923642	Intergenic	.	-	-	T	C
Bp Chr II	923654	Intergenic	.	-	-	C	T
Bp Chr II	923885	CDS	-	BPSS0683	S	C	T
Bp Chr II	924266	Intergenic	.	-	-	G	A
Bp Chr II	924301	Intergenic	.	-	-	G	T
Bp Chr II	924355	Intergenic	.	-	-	C	G
Bp Chr II	924356	Intergenic	.	-	-	T	C
Bp Chr II	924420	Intergenic	.	-	-	C	T
Bp Chr II	924463	CDS	+	BPSS0684	N	G	A
Bp Chr II	924697	CDS	+	BPSS0684	N	A	G
Bp Chr II	924927	CDS	+	BPSS0684	S	C	T
Bp Chr II	925352	CDS	+	BPSS0684	N	G	A
Bp Chr II	925380	CDS	+	BPSS0684	S	A	G

Bp Chr II	925500	CDS	+	BPSS0684	S	C	T
Bp Chr II	925590	CDS	+	BPSS0684	S	C	T
Bp Chr II	925755	CDS	+	BPSS0685	N	A	G
Bp Chr II	925827	CDS	+	BPSS0685	N	A	G
Bp Chr II	926020	CDS	+	BPSS0685	S	T	C
Bp Chr II	926191	CDS	+	BPSS0685	S	G	A
Bp Chr II	926251	CDS	+	BPSS0685	S	G	A
Bp Chr II	926289	CDS	+	BPSS0685	N	A	G
Bp Chr II	926701	CDS	+	BPSS0685	S	G	A
Bp Chr II	926725	CDS	+	BPSS0685	S	G	A
Bp Chr II	926919	Intergenic	.	-	-	G	A
Bp Chr II	926920	Intergenic	.	-	-	C	T
Bp Chr II	926931	Intergenic	.	-	-	G	A
Bp Chr II	926934	Intergenic	.	-	-	C	G
Bp Chr II	926935	Intergenic	.	-	-	G	C
Bp Chr II	926937	Intergenic	.	-	-	A	G
Bp Chr II	926941	Intergenic	.	-	-	A	G
Bp Chr II	926945	Intergenic	.	-	-	A	C,G
Bp Chr II	926949	Intergenic	.	-	-	T	C
Bp Chr II	926995	CDS	+	BPSS0686	S	A	G
Bp Chr II	927097	CDS	+	BPSS0686	S	C	T
Bp Chr II	927337	CDS	+	BPSS0686	S	A	G
Bp Chr II	934532	CDS	+	BPSS0693	S	T	C
Bp Chr II	934551	CDS	+	BPSS0693	N	G	T
Bp Chr II	934564	CDS	+	BPSS0693	N	A	C
Bp Chr II	934676	CDS	+	BPSS0693	S	C	G
Bp Chr II	934953	CDS	+	BPSS0693	N	G	A
Bp Chr II	934967	CDS	+	BPSS0693	S	C	T
Bp Chr II	935013	Intergenic	.	-	-	T	C
Bp Chr II	935240	CDS	+	BPSS0694	S	T	A
Bp Chr II	935285	CDS	+	BPSS0694	S	G	C
Bp Chr II	935429	CDS	+	BPSS0694	S	G	A
Bp Chr II	935609	CDS	+	BPSS0694	S	T	C
Bp Chr II	935837	CDS	+	BPSS0694	S	C	T
Bp Chr II	936190	CDS	+	BPSS0694	N	T	C
Bp Chr II	936219	CDS	+	BPSS0694	N	C	G
Bp Chr II	936290	CDS	+	BPSS0694	S	C	T
Bp Chr II	936292	CDS	+	BPSS0694	N	C	T
Bp Chr II	936532	Intergenic	.	-	-	G	A
Bp Chr II	936550	Intergenic	.	-	-	C	T
Bp Chr II	936577	CDS	+	BPSS0695	S	G	C
Bp Chr II	937045	CDS	+	BPSS0695	S	C	T
Bp Chr II	937344	CDS	+	BPSS0695	N	T	C
Bp Chr II	937519	CDS	+	BPSS0696	S	A	G
Bp Chr II	937647	CDS	+	BPSS0696	N	A	C
Bp Chr II	937744	CDS	+	BPSS0696	S	G	A
Bp Chr II	937756	CDS	+	BPSS0696	S	G	C

Bp Chr II	938096	CDS	+	BPSS0697	S	G	A
Bp Chr II	938243	CDS	+	BPSS0697	S	G	C
Bp Chr II	966635	Intergenic	.	-	-	T	C
Bp Chr II	966687	Intergenic	.	-	-	C	A
Bp Chr II	966702	Intergenic	.	-	-	T	C
Bp Chr II	966833	Intergenic	.	-	-	C	T
Bp Chr II	966850	Intergenic	.	-	-	G	A
Bp Chr II	966905	Intergenic	.	-	-	T	G
Bp Chr II	966961	Intergenic	.	-	-	T	C
Bp Chr II	967014	Intergenic	.	-	-	C	T
Bp Chr II	967164	CDS	+	BPSS0718	S	G	A
Bp Chr II	967321	CDS	+	BPSS0718	S	C	T
Bp Chr II	967593	CDS	+	BPSS0718	S	C	T
Bp Chr II	967687	Intergenic	.	-	-	A	G
Bp Chr II	967708	Intergenic	.	-	-	A	G
Bp Chr II	967709	Intergenic	.	-	-	T	C
Bp Chr II	967727	Intergenic	.	-	-	C	T
Bp Chr II	967761	Intergenic	.	-	-	C	T
Bp Chr II	967862	Intergenic	.	-	-	T	G
Bp Chr II	967985	Intergenic	.	-	-	G	T
Bp Chr II	968105	Intergenic	.	-	-	C	G
Bp Chr II	968113	Intergenic	.	-	-	G	T
Bp Chr II	968125	Intergenic	.	-	-	G	C
Bp Chr II	968142	Intergenic	.	-	-	A	G
Bp Chr II	968317	CDS	+	BPSS0719	S	A	G
Bp Chr II	968401	CDS	+	BPSS0719	S	A	G
Bp Chr II	968470	CDS	+	BPSS0719	S	C	T
Bp Chr II	968618	CDS	+	BPSS0719	N	C	T
Bp Chr II	968624	CDS	+	BPSS0719	N	G	A
Bp Chr II	968830	CDS	+	BPSS0719	S	A	C
Bp Chr II	979523	Intergenic	.	-	-	G	A
Bp Chr II	979533	CDS	-	BPSS0730	S	C	T
Bp Chr II	979770	CDS	-	BPSS0730	S	T	C
Bp Chr II	979923	CDS	-	BPSS0730	S	G	A
Bp Chr II	980187	CDS	-	BPSS0730	S	C	G
Bp Chr II	980420	Intergenic	.	-	-	C	T
Bp Chr II	980571	CDS	+	BPSS0731	S	G	A
Bp Chr II	980901	CDS	+	BPSS0731	S	T	C
Bp Chr II	980907	CDS	+	BPSS0731	S	G	A
Bp Chr II	980912	CDS	+	BPSS0731	N	C	A
Bp Chr II	981117	CDS	+	BPSS0731	S	C	G
Bp Chr II	981328	CDS	+	BPSS0731	N	A	G
Bp Chr II	981426	CDS	+	BPSS0731	S	G	A
Bp Chr II	981555	CDS	+	BPSS0731	S	G	A
Bp Chr II	981651	CDS	+	BPSS0731	S	C	T
Bp Chr II	981711	CDS	+	BPSS0731	S	T	C
Bp Chr II	982080	CDS	+	BPSS0731	S	C	G

Bp Chr II	982086	CDS	+	BPSS0731	S	C	T
Bp Chr II	982101	CDS	+	BPSS0731	S	A	G
Bp Chr II	982110	CDS	+	BPSS0731	S	G	C
Bp Chr II	983526	CDS	-	BPSS0733	N	C	T
Bp Chr II	983569	CDS	-	BPSS0733	S	A	G
Bp Chr II	983572	CDS	-	BPSS0733	S	T	C
Bp Chr II	983581	CDS	-	BPSS0733	S	G	T
Bp Chr II	983621	CDS	-	BPSS0733	N	T	G
Bp Chr II	983726	CDS	-	BPSS0733	N	G	C
Bp Chr II	983727	CDS	-	BPSS0733	N	A	C
Bp Chr II	983728	CDS	-	BPSS0733	S	G	C
Bp Chr II	983761	CDS	-	BPSS0733	S	C	T
Bp Chr II	983950	CDS	-	BPSS0733	S	C	T
Bp Chr II	984229	CDS	-	BPSS0733	S	T	C
Bp Chr II	984242	CDS	-	BPSS0733	N	C	T
Bp Chr II	984251	CDS	-	BPSS0733	N	T	C
Bp Chr II	984260	CDS	-	BPSS0733	N	C	T
Bp Chr II	984310	CDS	-	BPSS0733	S	C	T
Bp Chr II	984313	CDS	-	BPSS0733	S	G	A
Bp Chr II	984319	CDS	-	BPSS0733	S	C	G
Bp Chr II	984334	CDS	-	BPSS0733	S	G	C
Bp Chr II	984355	CDS	-	BPSS0733	S	G	A
Bp Chr II	984421	CDS	-	BPSS0733	S	G	C
Bp Chr II	984445	CDS	-	BPSS0733	S	C	T
Bp Chr II	984575	CDS	-	BPSS0733	N	C	T
Bp Chr II	984661	CDS	-	BPSS0733	S	C	G
Bp Chr II	984724	CDS	-	BPSS0733	S	G	A
Bp Chr II	984778	CDS	-	BPSS0733	S	C	T
Bp Chr II	984814	CDS	-	BPSS0733	S	C	T
Bp Chr II	984835	CDS	-	BPSS0733	S	T	C
Bp Chr II	984875	CDS	-	BPSS0733	N	G	A
Bp Chr II	985123	CDS	-	BPSS0733	S	A	G
Bp Chr II	985488	Intergenic	.	-	-	T	A
Bp Chr II	985499	Intergenic	.	-	-	G	C
Bp Chr II	985684	Intergenic	.	-	-	T	C
Bp Chr II	985776	Intergenic	.	-	-	G	C
Bp Chr II	985822	CDS	-	BPSS0734	N	G	A
Bp Chr II	985947	CDS	-	BPSS0734	S	A	C
Bp Chr II	986012	CDS	-	BPSS0734	N	C	T
Bp Chr II	986030	CDS	-	BPSS0734	N	T	G
Bp Chr II	986051	CDS	-	BPSS0734	N	G	A
Bp Chr II	986126	CDS	-	BPSS0734	N	G	T
Bp Chr II	986163	CDS	-	BPSS0734	S	C	T
Bp Chr II	986164	CDS	-	BPSS0734	N	T	G
Bp Chr II	986188	CDS	-	BPSS0734	N	G	A
Bp Chr II	986202	CDS	-	BPSS0734	S	T	C
Bp Chr II	987060	CDS	-	BPSS0734	S	G	C

Bp Chr II	987120	CDS	-	BPSS0734	S	G	T
Bp Chr II	987152	CDS	-	BPSS0734	N	T	G
Bp Chr II	987164	CDS	-	BPSS0734	N	C	T
Bp Chr II	987230	CDS	-	BPSS0734	N	C	T
Bp Chr II	987279	CDS	-	BPSS0734	S	T	G
Bp Chr II	987355	CDS	-	BPSS0734	N	A	C
Bp Chr II	987581	CDS	-	BPSS0734	N	T	C
Bp Chr II	987702	CDS	-	BPSS0735	S	G	T
Bp Chr II	988134	CDS	-	BPSS0735	S	G	A
Bp Chr II	988205	CDS	-	BPSS0735	N	C	A
Bp Chr II	988311	CDS	-	BPSS0735	S	C	T
Bp Chr II	988344	CDS	-	BPSS0735	S	G	C
Bp Chr II	988368	CDS	-	BPSS0735	S	C	T
Bp Chr II	988701	CDS	-	BPSS0735	N	G	T
Bp Chr II	988792	CDS	-	BPSS0735	N	C	T
Bp Chr II	988805	CDS	-	BPSS0735	N	C	T
Bp Chr II	988847	CDS	-	BPSS0735	N	C	T
Bp Chr II	989018	CDS	-	BPSS0735	N	T	C
Bp Chr II	989083	CDS	-	BPSS0735	N	C	T
Bp Chr II	989229	CDS	-	BPSS0735	S	C	T
Bp Chr II	989232	CDS	-	BPSS0735	S	G	A
Bp Chr II	989484	CDS	-	BPSS0735	S	A	G
Bp Chr II	989535	CDS	-	BPSS0735	S	G	A
Bp Chr II	989640	CDS	-	BPSS0735	S	G	T
Bp Chr II	989788	CDS	-	BPSS0736	N	G	A
Bp Chr II	990256	CDS	-	BPSS0736	N	G	A
Bp Chr II	990701	CDS	-	BPSS0736	S	G	A
Bp Chr II	990815	CDS	-	BPSS0736	S	C	T
Bp Chr II	990826	CDS	-	BPSS0736	N	G	T
Bp Chr II	990830	CDS	-	BPSS0736	S	A	G
Bp Chr II	990958	CDS	-	BPSS0736	N	G	C
Bp Chr II	990961	CDS	-	BPSS0736	N	C	T
Bp Chr II	1011925	CDS	-	BPSS0752	N	G	A
Bp Chr II	1012009	CDS	-	BPSS0752	N	G	A
Bp Chr II	1012044	CDS	-	BPSS0752	N	A	G
Bp Chr II	1012144	CDS	-	BPSS0752	N	A	G
Bp Chr II	1012178	Intergenic	.	-	-	C	T
Bp Chr II	1012467	CDS	-	BPSS0753	N	G	T
Bp Chr II	1012492	CDS	-	BPSS0753	N	T	C
Bp Chr II	1012505	CDS	-	BPSS0753	S	A	G
Bp Chr II	1012562	CDS	-	BPSS0753	S	A	T
Bp Chr II	1012633	CDS	-	BPSS0753	N	G	C
Bp Chr II	1012647	CDS	-	BPSS0753	N	A	C
Bp Chr II	1012884	CDS	-	BPSS0754	N	T	G
Bp Chr II	1012942	CDS	-	BPSS0754	N	C	T
Bp Chr II	1012950	CDS	-	BPSS0754	N	C	T
Bp Chr II	1012967	CDS	-	BPSS0754	S	T	C

Bp Chr II	1013069	CDS	-	BPSS0754	S	C	T
Bp Chr II	1013361	CDS	-	BPSS0754	N	C	T
Bp Chr II	1013408	CDS	-	BPSS0754	S	C	T
Bp Chr II	1013843	CDS	-	BPSS0754	S	C	T
Bp Chr II	1013929	CDS	-	BPSS0754	N	A	C
Bp Chr II	1013936	CDS	-	BPSS0754	S	C	A
Bp Chr II	1013960	CDS	-	BPSS0754	S	C	T
Bp Chr II	1014002	CDS	-	BPSS0754	S	G	C
Bp Chr II	1014066	CDS	-	BPSS0754	N	C	T
Bp Chr II	1014097	CDS	-	BPSS0754	N	C	T
Bp Chr II	1014160	CDS	-	BPSS0754	N	G	A
Bp Chr II	1014308	CDS	-	BPSS0754	S	C	A
Bp Chr II	1014359	CDS	-	BPSS0754	S	C	G
Bp Chr II	1055259	CDS	+	BPSS0788	S	G	A
Bp Chr II	1055782	CDS	+	BPSS0790	N	C	G
Bp Chr II	1055926	CDS	+	BPSS0790	N	G	A
Bp Chr II	1055931	CDS	+	BPSS0790	S	G	A
Bp Chr II	1056024	CDS	+	BPSS0790	S	T	C
Bp Chr II	1056585	CDS	+	BPSS0790	S	G	A
Bp Chr II	1056705	CDS	+	BPSS0790	S	C	T
Bp Chr II	1056747	CDS	+	BPSS0790	S	C	T
Bp Chr II	1056801	CDS	+	BPSS0790	S	C	G
Bp Chr II	1056834	CDS	+	BPSS0790	S	G	A
Bp Chr II	1056879	CDS	+	BPSS0790	S	T	C
Bp Chr II	1056929	CDS	+	BPSS0790	N	C	A
Bp Chr II	1056978	Intergenic	.	-	-	G	C
Bp Chr II	1057003	Intergenic	.	-	-	C	T
Bp Chr II	1077665	Intergenic	.	-	-	G	T
Bp Chr II	1077678	Intergenic	.	-	-	G	A
Bp Chr II	1077760	Intergenic	.	-	-	A	C
Bp Chr II	1077761	Intergenic	.	-	-	T	C
Bp Chr II	1077796	CDS	-	BPSS0805	S	G	A
Bp Chr II	1077990	CDS	-	BPSS0805	N	C	T
Bp Chr II	1078033	CDS	-	BPSS0805	S	C	T
Bp Chr II	1078435	CDS	-	BPSS0805	S	G	A
Bp Chr II	1078531	CDS	-	BPSS0805	S	C	T
Bp Chr II	1078561	CDS	-	BPSS0805	S	G	C
Bp Chr II	1078617	CDS	-	BPSS0805	N	T	C
Bp Chr II	1078768	CDS	-	BPSS0805	S	G	A
Bp Chr II	1078770	CDS	-	BPSS0805	N	T	C
Bp Chr II	1078934	CDS	-	BPSS0805	N	T	C
Bp Chr II	1079039	CDS	-	BPSS0805	N	T	C
Bp Chr II	1079111	CDS	-	BPSS0805	N	G	C
Bp Chr II	1079641	CDS	-	BPSS0805	S	C	T
Bp Chr II	1079688	CDS	-	BPSS0805	N	T	C
Bp Chr II	1079689	CDS	-	BPSS0805	S	A	G
Bp Chr II	1079706	CDS	-	BPSS0805	N	T	C

Bp Chr II	1080042	Intergenic	.	-	-	A	C
Bp Chr II	1080126	Intergenic	.	-	-	T	C
Bp Chr II	1080176	CDS	-	BPSS0806	S	G	A
Bp Chr II	1080408	CDS	-	BPSS0806	S	C	T
Bp Chr II	1080432	CDS	-	BPSS0806	S	G	C
Bp Chr II	1080656	Intergenic	.	-	-	C	T
Bp Chr II	1080699	Intergenic	.	-	-	A	G
Bp Chr II	1080784	Intergenic	.	-	-	C	T
Bp Chr II	1080787	Intergenic	.	-	-	G	C
Bp Chr II	1088705	Intergenic	.	-	-	C	A
Bp Chr II	1088712	Intergenic	.	-	-	A	G
Bp Chr II	1088736	Intergenic	.	-	-	A	G
Bp Chr II	1088834	CDS	+	BPSS0812A	N	G	A
Bp Chr II	1088992	CDS	+	BPSS0812A	S	C	T
Bp Chr II	1089145	CDS	+	BPSS0812A	S	C	T
Bp Chr II	1089179	CDS	+	BPSS0812A	N	G	A
Bp Chr II	1089184	CDS	+	BPSS0812A	S	A	C
Bp Chr II	1089206	CDS	+	BPSS0812A	N	T	G
Bp Chr II	1089320	Intergenic	.	-	-	C	T
Bp Chr II	1089335	Intergenic	.	-	-	G	A
Bp Chr II	1089374	Intergenic	.	-	-	T	G
Bp Chr II	1089449	Intergenic	.	-	-	C	T,G
Bp Chr II	1089550	Intergenic	.	-	-	G	T
Bp Chr II	1089622	Intergenic	.	-	-	A	G
Bp Chr II	1089625	Intergenic	.	-	-	A	G
Bp Chr II	1089629	Intergenic	.	-	-	C	T
Bp Chr II	1089644	Intergenic	.	-	-	T	C
Bp Chr II	1089698	Intergenic	.	-	-	C	T
Bp Chr II	1089736	Intergenic	.	-	-	C	G
Bp Chr II	1089809	Intergenic	.	-	-	G	A
Bp Chr II	1089817	Intergenic	.	-	-	C	G
Bp Chr II	1090107	CDS	+	BPSS0813	N	C	T
Bp Chr II	1090141	CDS	+	BPSS0813	S	C	T
Bp Chr II	1090459	CDS	+	BPSS0813	S	G	C
Bp Chr II	1145497	CDS	+	BPSS0855	N	T	G
Bp Chr II	1145637	CDS	+	BPSS0855	S	G	C
Bp Chr II	1145667	CDS	+	BPSS0855	S	G	A
Bp Chr II	1145867	CDS	+	BPSS0855	N	A	G
Bp Chr II	1145913	CDS	+	BPSS0855	N	G	T
Bp Chr II	1145952	CDS	+	BPSS0855	S	A	G
Bp Chr II	1146006	CDS	+	BPSS0855	S	G	C
Bp Chr II	1191127	CDS	+	BPSS0900	S	G	A
Bp Chr II	1191236	CDS	+	BPSS0900	N	G	A
Bp Chr II	1197290	CDS	+	BPSS0906	S	G	A
Bp Chr II	1197362	CDS	+	BPSS0906	N	C	A
Bp Chr II	1197471	CDS	+	BPSS0906	N	A	G
Bp Chr II	1197698	CDS	+	BPSS0906	S	C	T

Bp Chr II	1197728	CDS	+	BPSS0906	S	C	T
Bp Chr II	1197891	CDS	+	BPSS0906	N	A	G
Bp Chr II	1197977	CDS	+	BPSS0906	S	T	C
Bp Chr II	1198034	CDS	+	BPSS0906	S	G	A
Bp Chr II	1198044	CDS	+	BPSS0906	N	A	C
Bp Chr II	1198139	CDS	+	BPSS0906	S	G	A
Bp Chr II	1198196	CDS	+	BPSS0906	S	G	A
Bp Chr II	1198435	CDS	+	BPSS0907	N	A	G
Bp Chr II	1198443	CDS	+	BPSS0907	S	G	A
Bp Chr II	1198859	CDS	+	BPSS0907	N	T	C
Bp Chr II	1198891	CDS	+	BPSS0907	S	C	T
Bp Chr II	1199158	CDS	+	BPSS0907	N	A	T
Bp Chr II	1199448	CDS	+	BPSS0907	S	C	T
Bp Chr II	1199682	CDS	+	BPSS0907	S	T	C
Bp Chr II	1199878	Intergenic	.	-	-	A	G
Bp Chr II	1199886	Intergenic	.	-	-	A	G
Bp Chr II	1199894	Intergenic	.	-	-	C	T
Bp Chr II	1199913	Intergenic	.	-	-	G	A
Bp Chr II	1199953	Intergenic	.	-	-	C	T
Bp Chr II	1200046	Intergenic	.	-	-	G	A
Bp Chr II	1200070	Intergenic	.	-	-	C	A
Bp Chr II	1200078	Intergenic	.	-	-	T	C
Bp Chr II	1200241	Intergenic	.	-	-	A	G
Bp Chr II	1200419	CDS	+	BPSS0908	S	A	G
Bp Chr II	1200503	CDS	+	BPSS0908	N	G	T
Bp Chr II	1200590	CDS	+	BPSS0908	S	C	A
Bp Chr II	1201124	CDS	+	BPSS0908	S	G	A
Bp Chr II	1201178	CDS	+	BPSS0908	S	T	C
Bp Chr II	1201214	CDS	+	BPSS0908	S	C	T
Bp Chr II	1201381	CDS	+	BPSS0908	N	A	G
Bp Chr II	1201458	CDS	+	BPSS0908	N	C	G
Bp Chr II	1201463	CDS	+	BPSS0908	S	C	T
Bp Chr II	1201577	CDS	+	BPSS0908	S	C	T
Bp Chr II	1201895	CDS	+	BPSS0908	S	A	C
Bp Chr II	1202060	CDS	+	BPSS0908	S	T	G
Bp Chr II	1202093	CDS	+	BPSS0908	S	C	T
Bp Chr II	1202162	CDS	+	BPSS0908	S	C	T
Bp Chr II	1202341	CDS	+	BPSS0908	N	T	C
Bp Chr II	1202471	CDS	+	BPSS0908	S	G	A
Bp Chr II	1202606	CDS	+	BPSS0908	S	T	C
Bp Chr II	1202824	Intergenic	.	-	-	C	T
Bp Chr II	1203078	CDS	+	BPSS0909	S	A	C
Bp Chr II	1203302	CDS	+	BPSS0909	N	C	T
Bp Chr II	1203640	CDS	+	BPSS0909	N	G	A
Bp Chr II	1204112	CDS	-	BPSS0910	S	A	G
Bp Chr II	1204584	Intergenic	.	-	-	G	C
Bp Chr II	1204585	Intergenic	.	-	-	T	C

Bp Chr II	1204705	Intergenic	.	-	-	C	T
Bp Chr II	1204752	Intergenic	.	-	-	G	C
Bp Chr II	1204790	Intergenic	.	-	-	G	A
Bp Chr II	1204836	CDS	+	BPSS0911	S	T	C
Bp Chr II	1204984	CDS	+	BPSS0911	N	A	G
Bp Chr II	1205052	CDS	+	BPSS0911	S	C	T
Bp Chr II	1205148	CDS	+	BPSS0911	S	C	T
Bp Chr II	1205265	CDS	+	BPSS0911	S	T	C
Bp Chr II	1205328	CDS	+	BPSS0911	S	A	G
Bp Chr II	1205636	CDS	+	BPSS0911	N	A	T
Bp Chr II	1205731	CDS	+	BPSS0911	N	T	C
Bp Chr II	1242532	CDS	-	BPSS0942	S	C	T
Bp Chr II	1242894	CDS	-	BPSS0942	N	C	T
Bp Chr II	1242903	CDS	-	BPSS0942	S	G	A
Bp Chr II	1242907	CDS	-	BPSS0942	S	G	A
Bp Chr II	1243039	CDS	-	BPSS0942	S	C	T
Bp Chr II	1243104	CDS	-	BPSS0942	S	G	A
Bp Chr II	1243456	CDS	-	BPSS0942	S	G	A
Bp Chr II	1243579	Intergenic	.	-	-	A	G
Bp Chr II	1243662	Intergenic	.	-	-	G	A
Bp Chr II	1243815	Intergenic	.	-	-	G	A
Bp Chr II	1243965	CDS	+	BPSS0943	S	C	T
Bp Chr II	1244268	CDS	+	BPSS0943	S	G	A
Bp Chr II	1244493	CDS	+	BPSS0943	S	T	C
Bp Chr II	1244499	CDS	+	BPSS0943	S	C	T
Bp Chr II	1244817	CDS	+	BPSS0943	S	T	C
Bp Chr II	1244988	CDS	+	BPSS0943	S	G	A
Bp Chr II	1256826	CDS	-	BPSS0954	N	A	G
Bp Chr II	1256993	CDS	-	BPSS0954	S	A	G
Bp Chr II	1257000	CDS	-	BPSS0954	N	C	T
Bp Chr II	1257314	Intergenic	.	-	-	C	T
Bp Chr II	1257317	Intergenic	.	-	-	G	A
Bp Chr II	1257386	Intergenic	.	-	-	G	T
Bp Chr II	1257437	CDS	-	BPSS0955	N	C	T
Bp Chr II	1257439	CDS	-	BPSS0955	N	T	C
Bp Chr II	1257487	CDS	-	BPSS0955	2	C	T
Bp Chr II	1257608	CDS	-	BPSS0955	N	T	C
Bp Chr II	1257732	CDS	-	BPSS0955	S	G	A
Bp Chr II	1257748	CDS	-	BPSS0955	N	T	C
Bp Chr II	1257750	CDS	-	BPSS0955	S	T	C
Bp Chr II	1257783	CDS	-	BPSS0955	S	T	C
Bp Chr II	1258678	CDS	-	BPSS0956	S	C	T
Bp Chr II	1258852	CDS	-	BPSS0956	S	G	A
Bp Chr II	1258898	Intergenic	.	-	-	T	C
Bp Chr II	1258904	Intergenic	.	-	-	A	G
Bp Chr II	1258905	Intergenic	.	-	-	G	T
Bp Chr II	1258967	Intergenic	.	-	-	A	G

Bp Chr II	1258969	Intergenic	.	-	-	C	T
Bp Chr II	1258990	Intergenic	.	-	-	C	T
Bp Chr II	1258993	Intergenic	.	-	-	A	G
Bp Chr II	1259079	Intergenic	.	-	-	C	T
Bp Chr II	1259241	Intergenic	.	-	-	G	A
Bp Chr II	1259353	Intergenic	.	-	-	C	T
Bp Chr II	1259354	Intergenic	.	-	-	G	A
Bp Chr II	1259358	Intergenic	.	-	-	C	G
Bp Chr II	1259369	Intergenic	.	-	-	A	C
Bp Chr II	1259413	Intergenic	.	-	-	C	T
Bp Chr II	1259426	Intergenic	.	-	-	T	G
Bp Chr II	1263935	Intergenic	.	-	-	A	C
Bp Chr II	1264058	CDS	+	BPSS0960	S	G	A
Bp Chr II	1264478	CDS	+	BPSS0960	S	G	A
Bp Chr II	1264491	CDS	+	BPSS0960	N	A	G
Bp Chr II	1264928	CDS	+	BPSS0960	S	T	C
Bp Chr II	1274505	CDS	-	BPSS0964	S	C	T
Bp Chr II	1274525	CDS	-	BPSS0964	N	G	T
Bp Chr II	1274669	CDS	-	BPSS0964	S	G	A
Bp Chr II	1274682	CDS	-	BPSS0964	S	G	A
Bp Chr II	1274967	CDS	-	BPSS0964	S	G	A
Bp Chr II	1275033	CDS	-	BPSS0964	S	C	T
Bp Chr II	1275105	CDS	-	BPSS0964	S	C	T
Bp Chr II	1275216	CDS	-	BPSS0964	S	G	A
Bp Chr II	1275587	CDS	-	BPSS0964	N	C	T
Bp Chr II	1275955	CDS	-	BPSS0964	N	G	A
Bp Chr II	1275987	CDS	-	BPSS0964	S	C	T
Bp Chr II	1276044	Intergenic	.	-	-	C	T
Bp Chr II	1276206	Intergenic	.	-	-	A	G
Bp Chr II	1276207	Intergenic	.	-	-	C	T
Bp Chr II	1276246	Intergenic	.	-	-	G	T
Bp Chr II	1300607	CDS	+	BPSS0982	S	C	G
Bp Chr II	1300620	CDS	+	BPSS0982	N	G	A
Bp Chr II	1300733	CDS	+	BPSS0982	S	T	C
Bp Chr II	1301156	CDS	+	BPSS0982	S	A	G
Bp Chr II	1301416	CDS	+	BPSS0983	S	C	T
Bp Chr II	1301488	CDS	+	BPSS0983	S	G	C
Bp Chr II	1302025	Intergenic	.	-	-	A	G
Bp Chr II	1302032	Intergenic	.	-	-	C	T
Bp Chr II	1302041	Intergenic	.	-	-	G	C
Bp Chr II	1302044	Intergenic	.	-	-	G	A
Bp Chr II	1302070	Intergenic	.	-	-	T	C
Bp Chr II	1302192	CDS	-	BPSS0984	S	C	T
Bp Chr II	1302474	CDS	-	BPSS0984	S	A	G
Bp Chr II	1302596	CDS	-	BPSS0984	N	C	G
Bp Chr II	1314191	Intergenic	.	-	-	G	A
Bp Chr II	1314366	CDS	-	BPSS0995	S	C	T

Bp Chr II	1314408	CDS	-	BPSS0995	S	G	A
Bp Chr II	1315007	CDS	-	BPSS0995	N	C	T
Bp Chr II	1315278	CDS	-	BPSS0995	S	T	C
Bp Chr II	1315319	CDS	-	BPSS0995	N	C	T
Bp Chr II	1315491	CDS	-	BPSS0995	S	C	G
Bp Chr II	1315590	CDS	-	BPSS0995	S	T	C
Bp Chr II	1315716	CDS	-	BPSS0995	S	C	T
Bp Chr II	1315922	Intergenic	.	-	-	G	T
Bp Chr II	1316045	Intergenic	.	-	-	C	T
Bp Chr II	1316245	CDS	-	BPSS0996	N	C	A
Bp Chr II	1316449	CDS	-	BPSS0996	S	G	C
Bp Chr II	1316493	CDS	-	BPSS0996	N	T	A
Bp Chr II	1316499	CDS	-	BPSS0996	N	C	T
Bp Chr II	1316641	CDS	-	BPSS0996	S	G	A
Bp Chr II	1317116	Intergenic	.	-	-	C	A
Bp Chr II	1317158	Intergenic	.	-	-	C	T
Bp Chr II	1317250	CDS	-	BPSS0997	S	C	G
Bp Chr II	1317286	CDS	-	BPSS0997	S	T	C
Bp Chr II	1317466	CDS	-	BPSS0997	S	G	A
Bp Chr II	1317469	CDS	-	BPSS0997	S	C	T
Bp Chr II	1317571	CDS	-	BPSS0997	S	C	T
Bp Chr II	1317676	CDS	-	BPSS0997	S	A	G
Bp Chr II	1317687	CDS	-	BPSS0997	N	C	T
Bp Chr II	1317733	CDS	-	BPSS0997	S	G	C
Bp Chr II	1317805	CDS	-	BPSS0997	S	G	A
Bp Chr II	1318009	CDS	-	BPSS0997	S	C	T
Bp Chr II	1318132	CDS	-	BPSS0997	S	G	A
Bp Chr II	1318390	CDS	-	BPSS0997	S	G	A
Bp Chr II	1318474	CDS	-	BPSS0997	S	A	G
Bp Chr II	1318510	CDS	-	BPSS0997	S	G	A
Bp Chr II	1318666	CDS	-	BPSS0997	S	C	T
Bp Chr II	1318916	Intergenic	.	-	-	C	A
Bp Chr II	1319025	CDS	-	BPSS0998	S	G	C
Bp Chr II	1319031	CDS	-	BPSS0998	S	G	A
Bp Chr II	1319062	CDS	-	BPSS0998	N	C	T
Bp Chr II	1319325	CDS	-	BPSS0998	S	C	T
Bp Chr II	1319651	CDS	-	BPSS0998	S	G	A
Bp Chr II	1319820	CDS	-	BPSS0998	S	C	T
Bp Chr II	1320027	CDS	-	BPSS0998	S	C	T
Bp Chr II	1320075	CDS	-	BPSS0998	S	T	C
Bp Chr II	1320155	CDS	-	BPSS0998	N	T	C
Bp Chr II	1320328	CDS	-	BPSS0999	S	C	T
Bp Chr II	1320684	CDS	-	BPSS1000	S	A	G
Bp Chr II	1320751	CDS	-	BPSS1000	N	G	C
Bp Chr II	1321107	CDS	-	BPSS1000	S	G	A
Bp Chr II	1321209	CDS	-	BPSS1000	S	C	T
Bp Chr II	1321220	Intergenic	.	-	-	C	T

Bp Chr II	1321562	CDS	-	BPSS1001	N	C	T
Bp Chr II	1417635	CDS	-	BPSS1041	S	A	G
Bp Chr II	1417877	CDS	-	BPSS1041	N	T	C
Bp Chr II	1417953	CDS	-	BPSS1041	S	G	A
Bp Chr II	1418062	CDS	-	BPSS1041	S	C	T
Bp Chr II	1418068	CDS	-	BPSS1041	S	C	T
Bp Chr II	1418204	CDS	-	BPSS1041	N	G	T
Bp Chr II	1418723	CDS	-	BPSS1041	N	T	G
Bp Chr II	1419316	CDS	-	BPSS1041	S	T	C
Bp Chr II	1419325	CDS	-	BPSS1041	S	C	T
Bp Chr II	1419556	CDS	-	BPSS1041	S	C	T
Bp Chr II	1419660	CDS	-	BPSS1041	N	C	T
Bp Chr II	1419860	CDS	-	BPSS1041	N	C	T
Bp Chr II	1420515	CDS	-	BPSS1042	N	C	T
Bp Chr II	1420596	CDS	-	BPSS1042	N	T	C
Bp Chr II	1420597	CDS	-	BPSS1042	S	C	A
Bp Chr II	1420804	CDS	-	BPSS1042	N	C	G
Bp Chr II	1420828	CDS	-	BPSS1042	S	G	A
Bp Chr II	1420885	CDS	-	BPSS1042	S	C	T
Bp Chr II	1421300	CDS	-	BPSS1042	N	T	C
Bp Chr II	1421484	CDS	-	BPSS1042	N	T	C
Bp Chr II	1421695	CDS	-	BPSS1042	S	A	G
Bp Chr II	1421815	CDS	-	BPSS1042	S	C	T
Bp Chr II	1421883	CDS	-	BPSS1043	N	G	A
Bp Chr II	1421902	CDS	-	BPSS1043	N	C	A
Bp Chr II	1422134	CDS	-	BPSS1043	S	A	G
Bp Chr II	1422152	CDS	-	BPSS1043	S	G	C
Bp Chr II	1422200	CDS	-	BPSS1043	S	C	T
Bp Chr II	1422238	CDS	-	BPSS1043	N	T	C
Bp Chr II	1463852	Intergenic	.	-	-	C	T
Bp Chr II	1463999	Intergenic	.	-	-	T	A,C
Bp Chr II	1464001	Intergenic	.	-	-	C	A
Bp Chr II	1485977	CDS	-	BPSS1107	S	C	T
Bp Chr II	1486546	CDS	-	BPSS1108	S	G	A
Bp Chr II	1487012	Intergenic	.	-	-	T	C
Bp Chr II	1487223	Intergenic	.	-	-	A	G
Bp Chr II	1487498	CDS	+	BPSS1109	N	A	G
Bp Chr II	1487616	CDS	+	BPSS1109	S	G	A
Bp Chr II	1515029	CDS	+	BPSS1129	N	A	G
Bp Chr II	1515068	CDS	+	BPSS1129	N	G	A
Bp Chr II	1515261	CDS	+	BPSS1129	N	G	A
Bp Chr II	1515316	CDS	+	BPSS1130	S	G	A
Bp Chr II	1515373	CDS	+	BPSS1130	S	G	A
Bp Chr II	1515375	CDS	+	BPSS1130	N	C	T
Bp Chr II	1546457	CDS	-	BPSS1159	N	C	T
Bp Chr II	1546520	CDS	-	BPSS1159	S	G	A
Bp Chr II	1546557	CDS	-	BPSS1159	S	C	G

Bp Chr II	1546636	CDS	-	<i>BPSS1159</i>	N	G	T
Bp Chr II	1546648	CDS	-	<i>BPSS1159</i>	N	A	G
Bp Chr II	1546697	CDS	-	<i>BPSS1159</i>	N	C	A
Bp Chr II	1546698	CDS	-	<i>BPSS1159</i>	S	A	G
Bp Chr II	1546992	CDS	-	<i>BPSS1159</i>	S	T	C
Bp Chr II	1547006	CDS	-	<i>BPSS1159</i>	N	G	A
Bp Chr II	1547281	CDS	-	<i>BPSS1159</i>	N	G	T
Bp Chr II	1599331	CDS	-	<i>BPSS1192</i>	S	C	G
Bp Chr II	1599342	CDS	-	<i>BPSS1192</i>	N	T	G
Bp Chr II	1599463	CDS	-	<i>BPSS1192</i>	S	C	T
Bp Chr II	1599741	CDS	-	<i>BPSS1192</i>	S	G	A
Bp Chr II	1599934	CDS	-	<i>BPSS1192</i>	S	C	G
Bp Chr II	1600140	CDS	-	<i>BPSS1192</i>	N	C	T
Bp Chr II	1600186	CDS	-	<i>BPSS1192</i>	N	G	T
Bp Chr II	1600360	CDS	-	<i>BPSS1192</i>	S	G	A
Bp Chr II	1600469	CDS	-	<i>BPSS1192</i>	N	A	C
Bp Chr II	1600470	CDS	-	<i>BPSS1192</i>	N	T	C
Bp Chr II	1600471	CDS	-	<i>BPSS1192</i>	N	G	C
Bp Chr II	1600473	CDS	-	<i>BPSS1192</i>	N	C	T
Bp Chr II	1600477	CDS	-	<i>BPSS1192</i>	S	G	A
Bp Chr II	1600485	CDS	-	<i>BPSS1192</i>	N	T	C
Bp Chr II	1600500	CDS	-	<i>BPSS1192</i>	N	T	C
Bp Chr II	1600527	CDS	-	<i>BPSS1192</i>	N	T	C
Bp Chr II	1600827	CDS	-	<i>BPSS1193</i>	S	T	C
Bp Chr II	1600849	CDS	-	<i>BPSS1193</i>	N	G	C
Bp Chr II	1600980	CDS	-	<i>BPSS1193</i>	S	G	A
Bp Chr II	1601043	CDS	-	<i>BPSS1193</i>	S	A	C
Bp Chr II	1601277	CDS	-	<i>BPSS1193</i>	S	G	A
Bp Chr II	1601592	CDS	-	<i>BPSS1193</i>	S	C	A
Bp Chr II	1601614	CDS	-	<i>BPSS1193</i>	N	G	A
Bp Chr II	1601723	CDS	-	<i>BPSS1193</i>	N	C	T
Bp Chr II	1601798	CDS	-	<i>BPSS1193</i>	N	C	A
Bp Chr II	1601835	CDS	-	<i>BPSS1193</i>	S	G	A
Bp Chr II	1601994	CDS	-	<i>BPSS1193</i>	S	C	T
Bp Chr II	1602007	CDS	-	<i>BPSS1193</i>	N	G	C
Bp Chr II	1602022	CDS	-	<i>BPSS1193</i>	N	G	A
Bp Chr II	1602034	CDS	-	<i>BPSS1193</i>	N	G	A
Bp Chr II	1602041	CDS	-	<i>BPSS1193</i>	N	C	A
Bp Chr II	1602052	CDS	-	<i>BPSS1193</i>	N	A	G
Bp Chr II	1602128	CDS	-	<i>BPSS1193</i>	S	G	A
Bp Chr II	1602156	CDS	-	<i>BPSS1193</i>	S	C	T
Bp Chr II	1602192	CDS	-	<i>BPSS1193</i>	S	C	G
Bp Chr II	1602247	CDS	-	<i>BPSS1193</i>	N	C	A
Bp Chr II	1602366	CDS	-	<i>BPSS1193</i>	N	C	G
Bp Chr II	1602492	CDS	-	<i>BPSS1193</i>	S	G	A
Bp Chr II	1602564	CDS	-	<i>BPSS1193</i>	S	C	T
Bp Chr II	1650447	CDS	+	<i>BPSS1220</i>	S	G	C

Bp Chr II	1650498	CDS	+	BPSS1220	S	G	T
Bp Chr II	1650677	CDS	+	BPSS1220	N	A	G
Bp Chr II	1650937	Intergenic	.	-	-	T	A
Bp Chr II	1651086	CDS	+	BPSS1221	N	G	A
Bp Chr II	1651240	CDS	+	BPSS1221	S	G	A
Bp Chr II	1651332	CDS	+	BPSS1221	N	C	G
Bp Chr II	1651360	CDS	+	BPSS1221	S	G	A
Bp Chr II	1651388	CDS	+	BPSS1221	N	G	A
Bp Chr II	1651417	CDS	+	BPSS1221	S	T	C
Bp Chr II	1651657	CDS	+	BPSS1221	S	A	G
Bp Chr II	1652226	CDS	-	BPSS1222	S	C	T
Bp Chr II	1652274	CDS	-	BPSS1222	S	G	A
Bp Chr II	1734479	CDS	-	BPSS1270	S	A	G
Bp Chr II	1734929	CDS	-	BPSS1270	N	G	C
Bp Chr II	1735056	Intergenic	.	-	-	C	T
Bp Chr II	1735070	Intergenic	.	-	-	C	T
Bp Chr II	1735089	Intergenic	.	-	-	A	C
Bp Chr II	1735090	Intergenic	.	-	-	A	C
Bp Chr II	1735255	Intergenic	.	-	-	G	A
Bp Chr II	1735303	Intergenic	.	-	-	G	A
Bp Chr II	1735316	Intergenic	.	-	-	A	G
Bp Chr II	1735381	Intergenic	.	-	-	G	A
Bp Chr II	1735870	CDS	-	BPSS1272	N	G	A
Bp Chr II	1735885	CDS	-	BPSS1272	N	A	G
Bp Chr II	1735918	CDS	-	BPSS1272	N	A	G
Bp Chr II	1735919	CDS	-	BPSS1272	N	T	C
Bp Chr II	1736133	CDS	-	BPSS1272	S	C	G
Bp Chr II	1736310	CDS	-	BPSS1272	S	C	T
Bp Chr II	1736386	CDS	-	BPSS1272	N	C	T
Bp Chr II	1736425	CDS	-	BPSS1272	N	G	A
Bp Chr II	1736647	CDS	-	BPSS1272	N	A	G
Bp Chr II	1736705	CDS	-	BPSS1272	N	C	T
Bp Chr II	1736754	CDS	-	BPSS1272	S	G	A
Bp Chr II	1736761	CDS	-	BPSS1272	N	T	G
Bp Chr II	1736927	CDS	-	BPSS1272	N	C	T
Bp Chr II	1736995	CDS	-	BPSS1272	N	T	C
Bp Chr II	1737488	CDS	-	BPSS1272	N	C	T
Bp Chr II	1737617	CDS	-	BPSS1273	S	T	C
Bp Chr II	1737855	CDS	-	BPSS1273	N	G	A
Bp Chr II	1737876	CDS	-	BPSS1273	N	A	G
Bp Chr II	1737890	CDS	-	BPSS1273	S	C	T
Bp Chr II	1738084	CDS	-	BPSS1273	S	G	A
Bp Chr II	1738391	CDS	-	BPSS1273	S	C	T
Bp Chr II	1738472	CDS	-	BPSS1273	N	A	C
Bp Chr II	1738517	CDS	-	BPSS1273	S	C	T
Bp Chr II	1757008	CDS	-	BPSS1285	N	T	G
Bp Chr II	1757051	CDS	-	BPSS1285	S	C	T

Bp Chr II	1757543	Intergenic	.	-	-	C	A
Bp Chr II	1757587	CDS	-	<i>BPSS1286</i>	N	C	T
Bp Chr II	1757700	CDS	-	<i>BPSS1286</i>	S	G	A
Bp Chr II	1757912	Intergenic	.	-	-	G	A
Bp Chr II	1758593	CDS	+	<i>BPSS1287</i>	N	C	T
Bp Chr II	1758646	CDS	+	<i>BPSS1287</i>	S	G	A
Bp Chr II	1758685	CDS	+	<i>BPSS1287</i>	S	G	A
Bp Chr II	1758688	CDS	+	<i>BPSS1287</i>	S	G	C
Bp Chr II	1758871	CDS	+	<i>BPSS1287</i>	S	G	A
Bp Chr II	1759093	CDS	+	<i>BPSS1287</i>	S	C	T
Bp Chr II	1759390	CDS	+	<i>BPSS1287</i>	S	G	A
Bp Chr II	1836678	CDS	+	<i>BPSS1346</i>	S	C	T
Bp Chr II	1837435	CDS	+	<i>BPSS1346</i>	S	T	C
Bp Chr II	1837590	CDS	+	<i>BPSS1346</i>	S	C	T
Bp Chr II	1837695	CDS	+	<i>BPSS1346</i>	S	A	G
Bp Chr II	1837950	CDS	+	<i>BPSS1346</i>	S	A	G
Bp Chr II	1838022	CDS	+	<i>BPSS1346</i>	S	A	G
Bp Chr II	1838107	Intergenic	.	-	-	G	A
Bp Chr II	1838116	Intergenic	.	-	-	C	G
Bp Chr II	1838178	Intergenic	.	-	-	G	A
Bp Chr II	1838194	Intergenic	.	-	-	G	A
Bp Chr II	1838196	Intergenic	.	-	-	C	G
Bp Chr II	1838211	Intergenic	.	-	-	T	C
Bp Chr II	1838240	Intergenic	.	-	-	T	C
Bp Chr II	1838287	Intergenic	.	-	-	G	A
Bp Chr II	1847752	Intergenic	.	-	-	A	C
Bp Chr II	1853081	Intergenic	.	-	-	C	T
Bp Chr II	1853094	Intergenic	.	-	-	C	T
Bp Chr II	1853110	Intergenic	.	-	-	C	T
Bp Chr II	1853123	Intergenic	.	-	-	T	C
Bp Chr II	1853124	Intergenic	.	-	-	G	A
Bp Chr II	1853165	Intergenic	.	-	-	G	A
Bp Chr II	1853180	Intergenic	.	-	-	G	A
Bp Chr II	1853213	Intergenic	.	-	-	G	T
Bp Chr II	1853654	CDS	+	<i>BPSS1356</i>	N	G	A
Bp Chr II	1853698	CDS	+	<i>BPSS1356</i>	S	A	G
Bp Chr II	1871916	CDS	-	<i>BPSS1367</i>	S	G	A
Bp Chr II	1872066	CDS	-	<i>BPSS1367</i>	S	C	T
Bp Chr II	1872132	CDS	-	<i>BPSS1367</i>	S	A	G
Bp Chr II	1872189	CDS	-	<i>BPSS1367</i>	S	C	T
Bp Chr II	1872410	CDS	-	<i>BPSS1367</i>	N	T	C
Bp Chr II	1872748	CDS	-	<i>BPSS1368</i>	N	G	A
Bp Chr II	1872856	Intergenic	.	-	-	A	G
Bp Chr II	1872899	Intergenic	.	-	-	A	C
Bp Chr II	1872911	Intergenic	.	-	-	T	G
Bp Chr II	1872916	Intergenic	.	-	-	A	G
Bp Chr II	1872973	Intergenic	.	-	-	T	C

Bp Chr II	1872976	Intergenic	.	-	-	T	C
Bp Chr II	1872978	Intergenic	.	-	-	C	T
Bp Chr II	1872989	Intergenic	.	-	-	G	A
Bp Chr II	1873014	Intergenic	.	-	-	A	G
Bp Chr II	1873030	Intergenic	.	-	-	T	C
Bp Chr II	1873036	Intergenic	.	-	-	A	G
Bp Chr II	1873038	Intergenic	.	-	-	A	G
Bp Chr II	1873043	Intergenic	.	-	-	A	C
Bp Chr II	1873074	Intergenic	.	-	-	C	T
Bp Chr II	1873232	CDS	-	<i>BPSS1369</i>	S	G	A
Bp Chr II	1873529	CDS	-	<i>BPSS1369</i>	S	C	G
Bp Chr II	1873733	CDS	-	<i>BPSS1369</i>	S	C	T
Bp Chr II	1874060	CDS	-	<i>BPSS1369</i>	S	C	T
Bp Chr II	1874141	CDS	-	<i>BPSS1369</i>	S	G	A
Bp Chr II	1874727	CDS	-	<i>BPSS1370</i>	S	G	A
Bp Chr II	1926422	Intergenic	.	-	-	G	A
Bp Chr II	1926477	CDS	+	<i>BPSS1414</i>	N	A	T
Bp Chr II	1926646	CDS	+	<i>BPSS1414</i>	S	T	C
Bp Chr II	1926760	CDS	+	<i>BPSS1414</i>	S	T	C
Bp Chr II	1926931	CDS	+	<i>BPSS1414</i>	S	T	C
Bp Chr II	1927070	CDS	+	<i>BPSS1414</i>	N	G	A
Bp Chr II	1927136	Intergenic	.	-	-	G	A
Bp Chr II	1927226	CDS	+	<i>BPSS1415</i>	N	G	A
Bp Chr II	1927386	CDS	+	<i>BPSS1415</i>	N	T	C
Bp Chr II	1927477	CDS	+	<i>BPSS1415</i>	S	C	A
Bp Chr II	1927553	CDS	+	<i>BPSS1415</i>	N	G	A
Bp Chr II	1927732	CDS	+	<i>BPSS1415</i>	S	G	A
Bp Chr II	1927982	CDS	+	<i>BPSS1415</i>	S	C	T
Bp Chr II	1928246	CDS	+	<i>BPSS1416</i>	S	C	T
Bp Chr II	1928333	CDS	+	<i>BPSS1416</i>	S	G	A
Bp Chr II	1928888	CDS	+	<i>BPSS1416</i>	S	G	A
Bp Chr II	1928969	CDS	+	<i>BPSS1416</i>	S	A	G
Bp Chr II	1929005	CDS	+	<i>BPSS1416</i>	S	G	A
Bp Chr II	1929007	CDS	+	<i>BPSS1416</i>	N	T	G
Bp Chr II	1929060	CDS	+	<i>BPSS1416</i>	N	G	A
Bp Chr II	1929077	CDS	+	<i>BPSS1416</i>	S	G	A
Bp Chr II	1929312	CDS	+	<i>BPSS1416</i>	N	G	T
Bp Chr II	1929348	CDS	+	<i>BPSS1416</i>	N	A	C
Bp Chr II	1929359	CDS	+	<i>BPSS1416</i>	S	T	C
Bp Chr II	1929363	CDS	+	<i>BPSS1416</i>	N	T	C
Bp Chr II	1929365	CDS	+	<i>BPSS1416</i>	S	T	C
Bp Chr II	1929383	CDS	+	<i>BPSS1416</i>	S	C	T
Bp Chr II	1929393	CDS	+	<i>BPSS1416</i>	N	G	A
Bp Chr II	1929407	CDS	+	<i>BPSS1416</i>	S	C	T
Bp Chr II	1929411	CDS	+	<i>BPSS1416</i>	N	C	T
Bp Chr II	1929413	CDS	+	<i>BPSS1416</i>	S	C	T
Bp Chr II	1929416	CDS	+	<i>BPSS1416</i>	S	G	A

Bp Chr II	1929703	CDS	+	BPSS1417	S	G	A
Bp Chr II	1929757	CDS	+	BPSS1417	S	G	A
Bp Chr II	1929781	CDS	+	BPSS1417	S	G	A
Bp Chr II	1929848	CDS	+	BPSS1417	N	G	A
Bp Chr II	1930123	CDS	+	BPSS1417	S	C	T
Bp Chr II	1930147	CDS	+	BPSS1417	S	G	A
Bp Chr II	1930451	CDS	+	BPSS1418	S	A	G
Bp Chr II	1930506	CDS	+	BPSS1418	S	T	C
Bp Chr II	1930895	CDS	+	BPSS1418	S	C	G
Bp Chr II	1931147	CDS	+	BPSS1418	S	G	A
Bp Chr II	1931819	CDS	+	BPSS1419	S	T	C
Bp Chr II	1932244	CDS	+	BPSS1419	N	A	C
Bp Chr II	1932352	CDS	+	BPSS1419	N	C	T
Bp Chr II	1932540	CDS	+	BPSS1420	N	G	A
Bp Chr II	1932577	CDS	+	BPSS1420	N	A	C
Bp Chr II	1932619	CDS	+	BPSS1420	N	A	G
Bp Chr II	1932691	CDS	+	BPSS1420	N	G	A
Bp Chr II	1932750	CDS	+	BPSS1420	N	G	A
Bp Chr II	1932908	CDS	+	BPSS1420	S	G	A
Bp Chr II	1933092	CDS	+	BPSS1420	N	G	A
Bp Chr II	1933128	CDS	+	BPSS1420	S	C	T
Bp Chr II	1933203	CDS	+	BPSS1420	N	G	A
Bp Chr II	1933280	CDS	+	BPSS1420	S	G	A
Bp Chr II	1933334	CDS	+	BPSS1420	S	C	T
Bp Chr II	1933485	Intergenic	.	-	-	G	A
Bp Chr II	1933520	Intergenic	.	-	-	G	A
Bp Chr II	1933533	Intergenic	.	-	-	G	A
Bp Chr II	1933541	Intergenic	.	-	-	A	C
Bp Chr II	1933567	Intergenic	.	-	-	A	C,G
Bp Chr II	1933594	Intergenic	.	-	-	G	A
Bp Chr II	1933599	Intergenic	.	-	-	C	T
Bp Chr II	1933612	Intergenic	.	-	-	T	C
Bp Chr II	1933623	Intergenic	.	-	-	G	A
Bp Chr II	1933749	Intergenic	.	-	-	C	A
Bp Chr II	1933883	Intergenic	.	-	-	T	C
Bp Chr II	1934116	Intergenic	.	-	-	C	G
Bp Chr II	1934177	Intergenic	.	-	-	C	T
Bp Chr II	1934247	CDS	+	BPSS1421	N	A	G
Bp Chr II	1934260	CDS	+	BPSS1421	N	A	G
Bp Chr II	1934271	CDS	+	BPSS1421	N	C	G
Bp Chr II	1934420	CDS	+	BPSS1421	S	T	G
Bp Chr II	1934525	CDS	+	BPSS1421	S	A	G
Bp Chr II	1934564	CDS	+	BPSS1421	S	G	A
Bp Chr II	1934614	CDS	+	BPSS1421	N	G	A
Bp Chr II	1934645	CDS	+	BPSS1421	S	A	G
Bp Chr II	1934837	CDS	+	BPSS1421	S	G	A
Bp Chr II	1934956	CDS	+	BPSS1421	N	C	T

Bp Chr II	1935044	Intergenic	.	-	-	A	C
Bp Chr II	1935048	Intergenic	.	-	-	G	C
Bp Chr II	1935050	Intergenic	.	-	-	C	T
Bp Chr II	1935179	Intergenic	.	-	-	G	A
Bp Chr II	1935199	Intergenic	.	-	-	C	T
Bp Chr II	1935219	Intergenic	.	-	-	T	C
Bp Chr II	1935277	Intergenic	.	-	-	C	A
Bp Chr II	1935289	Intergenic	.	-	-	G	T
Bp Chr II	1935305	Intergenic	.	-	-	T	C
Bp Chr II	1935309	Intergenic	.	-	-	C	T
Bp Chr II	1935322	Intergenic	.	-	-	T	C
Bp Chr II	1935364	Intergenic	.	-	-	G	A
Bp Chr II	1935401	Intergenic	.	-	-	A	G
Bp Chr II	1935423	Intergenic	.	-	-	G	A
Bp Chr II	1935471	Intergenic	.	-	-	G	A
Bp Chr II	1935503	Intergenic	.	-	-	C	G
Bp Chr II	1935559	Intergenic	.	-	-	G	T
Bp Chr II	1935574	Intergenic	.	-	-	G	A
Bp Chr II	1935580	Intergenic	.	-	-	G	C
Bp Chr II	1935651	Intergenic	.	-	-	A	G
Bp Chr II	1935661	Intergenic	.	-	-	A	T
Bp Chr II	1935717	Intergenic	.	-	-	T	G
Bp Chr II	1935720	Intergenic	.	-	-	G	T
Bp Chr II	1936110	CDS	-	BPSS1422	S	G	A
Bp Chr II	1936149	CDS	-	BPSS1422	S	C	T
Bp Chr II	1936276	CDS	-	BPSS1422	N	G	A
Bp Chr II	1936512	CDS	-	BPSS1422	S	G	A
Bp Chr II	1936560	CDS	-	BPSS1422	S	A	G
Bp Chr II	1936710	CDS	-	BPSS1422	S	A	G
Bp Chr II	1937058	Intergenic	.	-	-	A	G
Bp Chr II	1937093	Intergenic	.	-	-	C	T
Bp Chr II	1937201	CDS	-	BPSS1423	S	G	A
Bp Chr II	1937270	CDS	-	BPSS1423	S	C	T
Bp Chr II	1937431	CDS	-	BPSS1423	N	T	C
Bp Chr II	1937651	CDS	-	BPSS1423	S	C	T
Bp Chr II	1938151	Intergenic	.	-	-	T	A
Bp Chr II	1938223	Intergenic	.	-	-	T	C
Bp Chr II	1938303	CDS	-	BPSS1424	S	A	G
Bp Chr II	1938467	CDS	-	BPSS1424	S	G	A
Bp Chr II	1938630	CDS	-	BPSS1424	S	C	T
Bp Chr II	1938696	CDS	-	BPSS1424	S	C	T
Bp Chr II	1938789	CDS	-	BPSS1424	S	G	A
Bp Chr II	1938818	CDS	-	BPSS1424	N	G	A
Bp Chr II	1939000	CDS	-	BPSS1424	N	T	C
Bp Chr II	1939005	CDS	-	BPSS1424	S	C	A
Bp Chr II	1939327	Intergenic	.	-	-	C	A
Bp Chr II	1940341	CDS	-	BPSS1426	N	G	A

Bp Chr II	1940388	CDS	-	BPSS1426	S	C	G
Bp Chr II	1940394	CDS	-	BPSS1426	S	G	A
Bp Chr II	1940727	CDS	-	BPSS1426	S	G	A
Bp Chr II	1941072	CDS	-	BPSS1426	S	G	A
Bp Chr II	1941171	CDS	-	BPSS1426	S	G	C
Bp Chr II	1941347	CDS	-	BPSS1426	N	T	G
Bp Chr II	1941618	Intergenic	.	-	-	A	G
Bp Chr II	1941696	Intergenic	.	-	-	T	C
Bp Chr II	1941731	Intergenic	.	-	-	A	G
Bp Chr II	1967517	Intergenic	.	-	-	A	C
Bp Chr II	1967528	Intergenic	.	-	-	G	A
Bp Chr II	1967755	CDS	-	BPSS1444	S	G	A
Bp Chr II	1967761	CDS	-	BPSS1444	S	G	A
Bp Chr II	1968151	CDS	-	BPSS1444	S	G	A
Bp Chr II	1968181	CDS	-	BPSS1444	S	G	C
Bp Chr II	1968250	CDS	-	BPSS1444	S	G	A
Bp Chr II	1968294	CDS	-	BPSS1444	S	T	G
Bp Chr II	1968421	CDS	-	BPSS1444	S	C	T
Bp Chr II	1968449	CDS	-	BPSS1444	N	G	A
Bp Chr II	1968571	CDS	-	BPSS1444	S	A	G
Bp Chr II	1968953	CDS	-	BPSS1445	S	A	G
Bp Chr II	1969194	CDS	-	BPSS1445	S	A	G
Bp Chr II	1969334	CDS	-	BPSS1445	S	G	A
Bp Chr II	1969413	CDS	-	BPSS1445	S	C	T
Bp Chr II	1969418	CDS	-	BPSS1445	N	G	A
Bp Chr II	1969425	CDS	-	BPSS1445	S	C	T
Bp Chr II	1969623	CDS	-	BPSS1445	S	A	G
Bp Chr II	1969828	CDS	-	BPSS1445	N	A	G
Bp Chr II	1970207	CDS	-	BPSS1445	S	G	A
Bp Chr II	1970512	CDS	-	BPSS1445	N	A	G
Bp Chr II	1970523	CDS	-	BPSS1445	N	G	C
Bp Chr II	1970623	CDS	-	BPSS1445	N	T	C
Bp Chr II	1970860	Intergenic	.	-	-	T	C
Bp Chr II	1970919	Intergenic	.	-	-	C	G
Bp Chr II	1971133	CDS	-	BPSS1446	S	A	G
Bp Chr II	1971265	CDS	-	BPSS1446	S	C	T
Bp Chr II	1971685	CDS	-	BPSS1446	S	T	G
Bp Chr II	1971984	CDS	-	BPSS1447	S	T	C
Bp Chr II	1972008	CDS	-	BPSS1447	N	C	G
Bp Chr II	1972074	CDS	-	BPSS1447	S	C	T
Bp Chr II	1972504	CDS	-	BPSS1447	N	A	G
Bp Chr II	1972872	CDS	-	BPSS1447	S	G	A
Bp Chr II	1972923	CDS	-	BPSS1447	S	G	A
Bp Chr II	1973148	CDS	-	BPSS1447	S	C	T
Bp Chr II	1973449	CDS	-	BPSS1448	S	C	T
Bp Chr II	1973548	CDS	-	BPSS1448	S	A	G
Bp Chr II	1973698	CDS	-	BPSS1448	S	G	A

Bp Chr II	1974070	CDS	-	BPSS1448	S	G	A
Bp Chr II	1974151	CDS	-	BPSS1448	S	G	C
Bp Chr II	1974454	CDS	-	BPSS1448	N	G	T
Bp Chr II	1974475	CDS	-	BPSS1448	S	A	G
Bp Chr II	1974578	CDS	-	BPSS1448	N	G	T
Bp Chr II	1974647	Intergenic	.	-	-	C	T
Bp Chr II	1974649	Intergenic	.	-	-	C	T
Bp Chr II	1974662	Intergenic	.	-	-	G	T
Bp Chr II	1974671	Intergenic	.	-	-	C	T
Bp Chr II	1974710	Intergenic	.	-	-	T	C
Bp Chr II	1974777	Intergenic	.	-	-	C	G
Bp Chr II	1975257	CDS	+	BPSS1449	S	A	G
Bp Chr II	1975560	CDS	+	BPSS1449	S	A	G
Bp Chr II	1980658	Intergenic	.	-	-	A	C
Bp Chr II	1980678	Intergenic	.	-	-	C	A
Bp Chr II	1980695	Intergenic	.	-	-	G	C
Bp Chr II	1980855	Intergenic	.	-	-	C	T
Bp Chr II	1980943	Intergenic	.	-	-	G	T
Bp Chr II	1981039	CDS	+	BPSS1453	S	G	A
Bp Chr II	1981393	CDS	+	BPSS1453	S	C	T
Bp Chr II	1981492	CDS	+	BPSS1453	S	G	A
Bp Chr II	1981499	CDS	+	BPSS1453	N	A	G
Bp Chr II	1981606	CDS	+	BPSS1453	S	G	A
Bp Chr II	1981720	CDS	+	BPSS1453	S	C	T
Bp Chr II	1981792	CDS	+	BPSS1453	S	T	C
Bp Chr II	1981795	CDS	+	BPSS1453	S	G	C
Bp Chr II	1981799	CDS	+	BPSS1453	N	A	G
Bp Chr II	1981804	CDS	+	BPSS1453	S	G	C
Bp Chr II	1981846	CDS	+	BPSS1453	S	C	G
Bp Chr II	1981848	CDS	+	BPSS1453	N	G	T
Bp Chr II	1981891	CDS	+	BPSS1453	S	C	T
Bp Chr II	1981915	CDS	+	BPSS1453	S	G	A
Bp Chr II	1981975	CDS	+	BPSS1453	S	T	G
Bp Chr II	1982149	CDS	+	BPSS1453	N	G	C
Bp Chr II	1982299	CDS	+	BPSS1453	S	A	G
Bp Chr II	1982482	CDS	+	BPSS1453	S	C	A
Bp Chr II	1982643	CDS	+	BPSS1453	N	T	C
Bp Chr II	1982654	CDS	+	BPSS1453	N	C	T
Bp Chr II	1982725	CDS	+	BPSS1453	S	G	A
Bp Chr II	1982752	CDS	+	BPSS1453	S	G	A
Bp Chr II	1982869	CDS	+	BPSS1453	S	A	G
Bp Chr II	1983071	CDS	+	BPSS1453	N	C	T
Bp Chr II	1983076	CDS	+	BPSS1453	S	T	C
Bp Chr II	1983091	CDS	+	BPSS1453	N	A	C
Bp Chr II	1983138	CDS	+	BPSS1453	N	A	G
Bp Chr II	1983294	CDS	+	BPSS1453	N	T	C
Bp Chr II	1983398	CDS	+	BPSS1453	S	C	T

Bp Chr II	1983829	CDS	+	<i>BPSS1453</i>	S	G	A
Bp Chr II	1983844	CDS	+	<i>BPSS1453</i>	S	C	A
Bp Chr II	1984592	CDS	+	<i>BPSS1454</i>	S	T	C
Bp Chr II	1984616	CDS	+	<i>BPSS1454</i>	S	C	T
Bp Chr II	1984728	CDS	+	<i>BPSS1454</i>	N	G	A
Bp Chr II	1984913	CDS	+	<i>BPSS1454</i>	S	A	G
Bp Chr II	1984976	CDS	+	<i>BPSS1454</i>	S	G	A
Bp Chr II	1985061	CDS	+	<i>BPSS1454</i>	N	C	A
Bp Chr II	1985300	CDS	+	<i>BPSS1454</i>	N	G	T
Bp Chr II	1985417	CDS	+	<i>BPSS1454</i>	S	G	A
Bp Chr II	1985522	CDS	+	<i>BPSS1454</i>	S	C	T
Bp Chr II	1985537	CDS	+	<i>BPSS1454</i>	S	T	C
Bp Chr II	1985545	CDS	+	<i>BPSS1454</i>	N	A	G
Bp Chr II	1985724	CDS	+	<i>BPSS1455</i>	S	G	A
Bp Chr II	1985848	CDS	+	<i>BPSS1455</i>	N	C	A
Bp Chr II	1985954	CDS	+	<i>BPSS1455</i>	N	T	C
Bp Chr II	1986063	CDS	+	<i>BPSS1455</i>	S	T	C
Bp Chr II	1986141	CDS	+	<i>BPSS1455</i>	S	T	C
Bp Chr II	1986173	CDS	+	<i>BPSS1455</i>	N	G	A
Bp Chr II	1986182	CDS	+	<i>BPSS1455</i>	N	A	G
Bp Chr II	1986256	CDS	+	<i>BPSS1455</i>	S	A	C
Bp Chr II	1986327	CDS	+	<i>BPSS1455</i>	S	G	A
Bp Chr II	1986448	Intergenic	.	-	-	C	G
Bp Chr II	1986449	Intergenic	.	-	-	C	A
Bp Chr II	1989251	CDS	-	<i>BPSS1458</i>	S	G	A
Bp Chr II	1989437	CDS	-	<i>BPSS1458</i>	S	G	A
Bp Chr II	1989749	CDS	-	<i>BPSS1458</i>	S	C	T
Bp Chr II	1989981	CDS	-	<i>BPSS1458</i>	N	A	G
Bp Chr II	1989994	CDS	-	<i>BPSS1458</i>	N	G	T
Bp Chr II	1989998	CDS	-	<i>BPSS1458</i>	S	C	T
Bp Chr II	1990379	CDS	-	<i>BPSS1458</i>	S	C	T
Bp Chr II	1990433	CDS	-	<i>BPSS1458</i>	S	C	A
Bp Chr II	1990563	Intergenic	.	-	-	A	G
Bp Chr II	1990576	CDS	-	<i>BPSS1459</i>	N	C	T
Bp Chr II	1990666	CDS	-	<i>BPSS1459</i>	N	A	C
Bp Chr II	1990791	CDS	-	<i>BPSS1459</i>	N	C	T
Bp Chr II	1990920	CDS	-	<i>BPSS1459</i>	N	A	G
Bp Chr II	1991515	Intergenic	.	-	-	T	C
Bp Chr II	1991663	Intergenic	.	-	-	C	T
Bp Chr II	1991668	Intergenic	.	-	-	A	G
Bp Chr II	1991806	Intergenic	.	-	-	G	A
Bp Chr II	1991956	Intergenic	.	-	-	A	T
Bp Chr II	1992016	CDS	-	<i>BPSS1460</i>	N	T	C
Bp Chr II	1992076	CDS	-	<i>BPSS1460</i>	N	T	G
Bp Chr II	2000839	CDS	-	<i>BPSS1466</i>	S	G	A
Bp Chr II	2001062	Intergenic	.	-	-	G	A
Bp Chr II	2001089	Intergenic	.	-	-	A	C

Bp Chr II	2001102	CDS	-	<i>BPSS1467</i>	S	G	T
Bp Chr II	2001465	CDS	-	<i>BPSS1467</i>	N	T	G
Bp Chr II	2001528	CDS	-	<i>BPSS1467</i>	S	A	G
Bp Chr II	2001615	CDS	-	<i>BPSS1467</i>	S	C	T
Bp Chr II	2001624	CDS	-	<i>BPSS1467</i>	S	A	G
Bp Chr II	2001717	CDS	-	<i>BPSS1467</i>	S	C	T
Bp Chr II	2001948	CDS	-	<i>BPSS1467</i>	S	C	T
Bp Chr II	2002459	CDS	-	<i>BPSS1468</i>	N	G	A
Bp Chr II	2002532	CDS	-	<i>BPSS1468</i>	N	A	C
Bp Chr II	2002760	CDS	-	<i>BPSS1468</i>	N	C	T
Bp Chr II	2002795	CDS	-	<i>BPSS1468</i>	N	C	T
Bp Chr II	2002959	CDS	-	<i>BPSS1468</i>	S	A	G
Bp Chr II	2003114	CDS	-	<i>BPSS1468</i>	S	G	A
Bp Chr II	2003257	CDS	-	<i>BPSS1468</i>	N	G	A
Bp Chr II	2003372	CDS	-	<i>BPSS1468</i>	N	G	A
Bp Chr II	2003454	Intergenic	.	-	-	G	A
Bp Chr II	2003738	CDS	+	<i>BPSS1469</i>	S	C	A
Bp Chr II	2003798	CDS	+	<i>BPSS1469</i>	S	T	C
Bp Chr II	2004757	CDS	+	<i>BPSS1469a</i>	N	G	A
Bp Chr II	2004804	CDS	+	<i>BPSS1469a</i>	N	T	G
Bp Chr II	2004825	CDS	+	<i>BPSS1469a</i>	N	A	G
Bp Chr II	2004836	CDS	+	<i>BPSS1469a</i>	S	T	C
Bp Chr II	2004863	CDS	+	<i>BPSS1469a</i>	S	T	C
Bp Chr II	2004874	CDS	+	<i>BPSS1469a</i>	N	A	C
Bp Chr II	2004938	CDS	+	<i>BPSS1469a</i>	S	A	G
Bp Chr II	2004962	CDS	+	<i>BPSS1469a</i>	S	T	C
Bp Chr II	2005083	Intergenic	.	-	-	C	A
Bp Chr II	2005167	Intergenic	.	-	-	C	T
Bp Chr II	2005371	CDS	+	<i>BPSS1470</i>	S	G	C
Bp Chr II	2005399	CDS	+	<i>BPSS1470</i>	N	G	A
Bp Chr II	2005424	CDS	+	<i>BPSS1470</i>	N	C	T
Bp Chr II	2005752	CDS	+	<i>BPSS1470</i>	S	G	A
Bp Chr II	2005938	CDS	+	<i>BPSS1470</i>	S	G	A
Bp Chr II	2005947	CDS	+	<i>BPSS1470</i>	S	A	G
Bp Chr II	2006229	CDS	+	<i>BPSS1470</i>	S	C	T
Bp Chr II	2006329	CDS	+	<i>BPSS1470</i>	N	A	G
Bp Chr II	2006440	CDS	+	<i>BPSS1470</i>	S	A	C
Bp Chr II	2006602	Intergenic	.	-	-	C	G
Bp Chr II	2006821	CDS	+	<i>BPSS1471</i>	S	T	C
Bp Chr II	2006884	CDS	+	<i>BPSS1471</i>	S	A	G
Bp Chr II	2007052	CDS	+	<i>BPSS1471</i>	S	G	A
Bp Chr II	2007058	CDS	+	<i>BPSS1471</i>	S	C	T
Bp Chr II	2007145	CDS	+	<i>BPSS1471</i>	S	C	T
Bp Chr II	2007331	Intergenic	.	-	-	G	A
Bp Chr II	2007333	Intergenic	.	-	-	A	G
Bp Chr II	2007337	Intergenic	.	-	-	C	T
Bp Chr II	2007413	Intergenic	.	-	-	T	C

Bp Chr II	2007418	Intergenic	.	-	-	G	A
Bp Chr II	2007450	Intergenic	.	-	-	G	A
Bp Chr II	2007554	Intergenic	.	-	-	T	C
Bp Chr II	2009370	CDS	-	BPSS1473	N	C	T
Bp Chr II	2009468	CDS	-	BPSS1473	S	G	A
Bp Chr II	2009632	CDS	-	BPSS1473	N	G	C
Bp Chr II	2010098	CDS	-	BPSS1473	S	A	G
Bp Chr II	2010374	CDS	-	BPSS1473	S	A	C
Bp Chr II	2010704	CDS	-	BPSS1473	S	C	T
Bp Chr II	2010737	CDS	-	BPSS1473	S	A	G
Bp Chr II	2010914	CDS	-	BPSS1473	S	G	A
Bp Chr II	2010965	CDS	-	BPSS1473	S	G	A
Bp Chr II	2286329	CDS	-	BPSS1664	N	G	A
Bp Chr II	2286423	CDS	-	BPSS1664	S	C	T
Bp Chr II	2286659	CDS	-	BPSS1664	N	T	C
Bp Chr II	2286916	Intergenic	.	-	-	G	A
Bp Chr II	2287195	CDS	-	BPSS1665	N	A	G
Bp Chr II	2287206	CDS	-	BPSS1665	S	T	C
Bp Chr II	2287263	CDS	-	BPSS1665	S	A	G
Bp Chr II	2287380	CDS	-	BPSS1665	S	G	C
Bp Chr II	2287395	CDS	-	BPSS1665	S	G	A
Bp Chr II	2287443	CDS	-	BPSS1665	S	A	G
Bp Chr II	2287724	CDS	-	BPSS1666	S	G	C
Bp Chr II	2287876	CDS	-	BPSS1666	S	G	A
Bp Chr II	2287973	CDS	-	BPSS1666	S	G	C
Bp Chr II	2288075	CDS	-	BPSS1666	S	G	A
Bp Chr II	2288384	CDS	-	BPSS1666	S	A	G
Bp Chr II	2319880	CDS	-	BPSS1686	S	G	A
Bp Chr II	2319898	CDS	-	BPSS1686	S	C	A
Bp Chr II	2320422	Intergenic	.	-	-	C	T
Bp Chr II	2320429	Intergenic	.	-	-	C	T
Bp Chr II	2320430	Intergenic	.	-	-	T	G
Bp Chr II	2320636	Intergenic	.	-	-	A	C
Bp Chr II	2320659	Intergenic	.	-	-	G	A
Bp Chr II	2320682	Intergenic	.	-	-	A	C
Bp Chr II	2320696	Intergenic	.	-	-	G	A
Bp Chr II	2320720	Intergenic	.	-	-	G	A
Bp Chr II	2320754	Intergenic	.	-	-	G	A
Bp Chr II	2320772	Intergenic	.	-	-	G	A
Bp Chr II	2320899	Intergenic	.	-	-	G	A
Bp Chr II	2320979	CDS	+	BPSS1687	S	C	T
Bp Chr II	2320980	CDS	+	BPSS1687	N	A	G
Bp Chr II	2321075	CDS	+	BPSS1687	S	T	C
Bp Chr II	2321168	CDS	+	BPSS1687	S	A	G
Bp Chr II	2321389	CDS	+	BPSS1687	N	T	C
Bp Chr II	2321579	CDS	+	BPSS1687	S	T	C
Bp Chr II	2321701	CDS	+	BPSS1687	N	T	C

Bp Chr II	2321758	CDS	+	BPSS1687	N	C	T
Bp Chr II	2321774	CDS	+	BPSS1687	S	C	T
Bp Chr II	2321828	CDS	+	BPSS1687	S	T	C
Bp Chr II	2321850	CDS	+	BPSS1687	N	T	C
Bp Chr II	2322003	Intergenic	.	-	-	T	C
Bp Chr II	2322203	CDS	+	BPSS1688	N	A	T,G
Bp Chr II	2322220	CDS	+	BPSS1688	S	A	G
Bp Chr II	2322289	CDS	+	BPSS1688	S	T	C
Bp Chr II	2322328	CDS	+	BPSS1688	S	G	A
Bp Chr II	2322559	CDS	+	BPSS1688	S	T	C
Bp Chr II	2322628	CDS	+	BPSS1688	S	G	A
Bp Chr II	2322689	CDS	+	BPSS1688	N	C	A
Bp Chr II	2322869	CDS	+	BPSS1688	N	A	G
Bp Chr II	2323291	CDS	+	BPSS1689	N	G	A
Bp Chr II	2323622	CDS	+	BPSS1689	S	A	G
Bp Chr II	2323744	CDS	+	BPSS1689	N	G	A
Bp Chr II	2323754	CDS	+	BPSS1689	S	T	C
Bp Chr II	2323898	CDS	+	BPSS1689	S	G	A
Bp Chr II	2324068	CDS	-	BPSS1690	N	T	C
Bp Chr II	2324082	CDS	-	BPSS1690	N	C	A
Bp Chr II	2324252	CDS	-	BPSS1690	S	A	G
Bp Chr II	2324301	CDS	-	BPSS1690	N	A	G
Bp Chr II	2324309	CDS	-	BPSS1690	S	G	A
Bp Chr II	2324351	CDS	-	BPSS1690	S	C	T
Bp Chr II	2324392	CDS	-	BPSS1690	N	C	T
Bp Chr II	2324404	Intergenic	.	-	-	G	A
Bp Chr II	2324423	Intergenic	.	-	-	T	C
Bp Chr II	2324469	Intergenic	.	-	-	C	T
Bp Chr II	2324588	Intergenic	.	-	-	A	G
Bp Chr II	2324641	Intergenic	.	-	-	G	A
Bp Chr II	2324718	Intergenic	.	-	-	C	T
Bp Chr II	2324740	Intergenic	.	-	-	C	T
Bp Chr II	2324742	Intergenic	.	-	-	C	A
Bp Chr II	2324747	Intergenic	.	-	-	T	C
Bp Chr II	2324749	Intergenic	.	-	-	A	C
Bp Chr II	2324761	Intergenic	.	-	-	T	C
Bp Chr II	2324763	Intergenic	.	-	-	A	C
Bp Chr II	2324768	Intergenic	.	-	-	C	T
Bp Chr II	2324770	Intergenic	.	-	-	C	A
Bp Chr II	2324775	Intergenic	.	-	-	T	C
Bp Chr II	2324777	Intergenic	.	-	-	A	C
Bp Chr II	2324890	CDS	-	BPSS1691	S	A	C
Bp Chr II	2324971	CDS	-	BPSS1691	S	A	G
Bp Chr II	2325014	CDS	-	BPSS1691	N	C	T
Bp Chr II	2325192	CDS	-	BPSS1691	N	C	T
Bp Chr II	2325241	CDS	-	BPSS1691	S	T	C
Bp Chr II	2325271	CDS	-	BPSS1691	S	G	A

Bp Chr II	2325481	CDS	-	BPSS1691	S	G	A
Bp Chr II	2325622	CDS	-	BPSS1691	S	G	A
Bp Chr II	2325688	CDS	-	BPSS1691	S	G	A
Bp Chr II	2326126	Intergenic	.	-	-	G	A
Bp Chr II	2326249	CDS	-	BPSS1692	S	G	A
Bp Chr II	2326291	CDS	-	BPSS1692	S	A	G
Bp Chr II	2326684	CDS	-	BPSS1692	S	A	G
Bp Chr II	2326873	CDS	-	BPSS1692	S	A	G
Bp Chr II	2326939	CDS	-	BPSS1692	S	T	C
Bp Chr II	2327290	CDS	-	BPSS1692	S	G	A
Bp Chr II	2327560	CDS	-	BPSS1692	S	T	C
Bp Chr II	2327629	CDS	-	BPSS1692	S	G	A
Bp Chr II	2327765	Intergenic	.	-	-	G	A
Bp Chr II	2327852	CDS	-	BPSS1693	S	G	A
Bp Chr II	2328011	CDS	-	BPSS1693	S	A	G
Bp Chr II	2328016	CDS	-	BPSS1693	N	C	T
Bp Chr II	2328389	CDS	-	BPSS1694	S	C	T
Bp Chr II	2328561	CDS	-	BPSS1694	N	T	C
Bp Chr II	2328594	CDS	-	BPSS1694	N	C	T
Bp Chr II	2360103	CDS	-	BPSS1721	S	C	T
Bp Chr II	2360115	CDS	-	BPSS1721	S	C	T
Bp Chr II	2360703	CDS	+	BPSS1722	S	G	A
Bp Chr II	2361312	CDS	+	BPSS1722	S	C	T
Bp Chr II	2361399	CDS	+	BPSS1722	S	C	T
Bp Chr II	2361495	CDS	+	BPSS1722	S	G	A
Bp Chr II	2361546	CDS	+	BPSS1722	S	C	T
Bp Chr II	2361659	Intergenic	.	-	-	G	C
Bp Chr II	2361667	Intergenic	.	-	-	G	A
Bp Chr II	2361758	Intergenic	.	-	-	C	T
Bp Chr II	2361804	Intergenic	.	-	-	T	C
Bp Chr II	2361868	CDS	+	BPSS1723	N	C	T
Bp Chr II	2362140	CDS	+	BPSS1723	N	G	A
Bp Chr II	2362154	CDS	+	BPSS1723	S	G	A
Bp Chr II	2362199	CDS	+	BPSS1723	S	G	A
Bp Chr II	2363090	CDS	+	BPSS1724	S	G	A
Bp Chr II	2363093	CDS	+	BPSS1724	S	T	C
Bp Chr II	2363282	CDS	+	BPSS1724	S	C	T
Bp Chr II	2363333	CDS	+	BPSS1724	S	C	T
Bp Chr II	2363558	Intergenic	.	-	-	A	C
Bp Chr II	2363847	CDS	+	BPSS1725	S	G	A
Bp Chr II	2364001	CDS	+	BPSS1725	N	T	C
Bp Chr II	2364087	CDS	+	BPSS1725	S	G	C
Bp Chr II	2364132	CDS	+	BPSS1725	S	C	T
Bp Chr II	2364216	CDS	+	BPSS1725	S	C	T
Bp Chr II	2364219	CDS	+	BPSS1725	S	T	C
Bp Chr II	2364439	CDS	+	BPSS1725	N	A	C
Bp Chr II	2364513	CDS	+	BPSS1725	S	A	G

Bp Chr II	2364526	CDS	+	BPSS1725	N	G	A
Bp Chr II	2364858	CDS	+	BPSS1725	S	C	T
Bp Chr II	2385528	CDS	-	BPSS1737	S	G	T
Bp Chr II	2385630	CDS	-	BPSS1737	S	G	T
Bp Chr II	2386424	CDS	-	BPSS1738	S	C	G
Bp Chr II	2386527	CDS	-	BPSS1738	N	G	A
Bp Chr II	2386673	CDS	-	BPSS1738	S	T	C
Bp Chr II	2386682	CDS	-	BPSS1738	S	A	G
Bp Chr II	2386982	CDS	-	BPSS1738	S	C	G
Bp Chr II	2386991	CDS	-	BPSS1738	S	G	A
Bp Chr II	2412543	CDS	-	BPSS1759	S	T	C,G
Bp Chr II	2412657	CDS	-	BPSS1759	S	C	T
Bp Chr II	2412737	CDS	-	BPSS1759	N	T	C
Bp Chr II	2412942	CDS	-	BPSS1759	S	G	A
Bp Chr II	2413012	CDS	-	BPSS1759	N	C	T
Bp Chr II	2413170	CDS	-	BPSS1759	S	G	A
Bp Chr II	2413491	Intergenic	.	-	-	T	C
Bp Chr II	2413495	Intergenic	.	-	-	C	G
Bp Chr II	2413935	CDS	+	BPSS1760	S	C	T
Bp Chr II	2414219	CDS	+	BPSS1760	N	T	G
Bp Chr II	2414313	CDS	+	BPSS1760	S	G	A
Bp Chr II	2414316	CDS	+	BPSS1760	S	G	A
Bp Chr II	2414329	CDS	+	BPSS1760	N	C	T
Bp Chr II	2414679	Intergenic	.	-	-	T	C
Bp Chr II	2414680	Intergenic	.	-	-	A	C
Bp Chr II	2414684	Intergenic	.	-	-	A	C
Bp Chr II	2414686	Intergenic	.	-	-	C	T
Bp Chr II	2414689	Intergenic	.	-	-	A	G
Bp Chr II	2414697	Intergenic	.	-	-	C	T
Bp Chr II	2414753	Intergenic	.	-	-	C	A
Bp Chr II	2414772	Intergenic	.	-	-	G	A
Bp Chr II	2414781	Intergenic	.	-	-	G	A
Bp Chr II	2414804	Intergenic	.	-	-	A	G
Bp Chr II	2414810	Intergenic	.	-	-	G	A
Bp Chr II	2414812	Intergenic	.	-	-	G	A
Bp Chr II	2414817	Intergenic	.	-	-	G	A
Bp Chr II	2414827	Intergenic	.	-	-	G	A
Bp Chr II	2414853	Intergenic	.	-	-	A	G
Bp Chr II	2414863	Intergenic	.	-	-	C	T
Bp Chr II	2414942	Intergenic	.	-	-	T	C
Bp Chr II	2414953	Intergenic	.	-	-	C	T
Bp Chr II	2414959	Intergenic	.	-	-	G	A
Bp Chr II	2414974	Intergenic	.	-	-	A	G
Bp Chr II	2415143	CDS	-	BPSS1761	S	C	T
Bp Chr II	2415437	CDS	-	BPSS1761	S	A	G
Bp Chr II	2415645	CDS	-	BPSS1761	N	C	T
Bp Chr II	2415726	CDS	-	BPSS1761	N	G	A

Bp Chr II	2415930	Intergenic	.	-	-	G	A
Bp Chr II	2416061	CDS	-	BPSS1762	S	A	C
Bp Chr II	2416063	CDS	-	BPSS1762	N	C	T
Bp Chr II	2416186	CDS	-	BPSS1762	S	A	G
Bp Chr II	2416200	CDS	-	BPSS1762	N	G	A
Bp Chr II	2416229	CDS	-	BPSS1762	S	T	C
Bp Chr II	2416259	CDS	-	BPSS1762	S	T	C
Bp Chr II	2416877	CDS	-	BPSS1762	S	C	T
Bp Chr II	2417129	CDS	-	BPSS1762	S	G	A
Bp Chr II	2417180	CDS	-	BPSS1762	S	G	C
Bp Chr II	2417276	CDS	-	BPSS1762	S	C	T
Bp Chr II	2417588	CDS	-	BPSS1762	S	C	T
Bp Chr II	2417786	CDS	-	BPSS1762	S	G	A
Bp Chr II	2418322	CDS	-	BPSS1763	S	G	A
Bp Chr II	2418380	CDS	-	BPSS1763	N	G	T
Bp Chr II	2418570	CDS	-	BPSS1763	S	G	A
Bp Chr II	2418631	CDS	-	BPSS1763	S	A	G
Bp Chr II	2418727	CDS	-	BPSS1763	S	G	A
Bp Chr II	2419155	CDS	-	BPSS1764	S	C	G
Bp Chr II	2419294	Intergenic	.	-	-	T	C
Bp Chr II	2419309	Intergenic	.	-	-	A	G
Bp Chr II	2419657	CDS	+	BPSS1765	S	G	A
Bp Chr II	2419744	CDS	+	BPSS1765	S	T	C
Bp Chr II	2419759	CDS	+	BPSS1765	S	C	G
Bp Chr II	2420032	CDS	+	BPSS1765	S	C	T
Bp Chr II	2420458	CDS	+	BPSS1765	S	C	A
Bp Chr II	2420571	Intergenic	.	-	-	G	A
Bp Chr II	2420574	Intergenic	.	-	-	G	A
Bp Chr II	2420737	CDS	+	BPSS1766	S	G	A
Bp Chr II	2421100	CDS	+	BPSS1766	S	G	C
Bp Chr II	2421125	CDS	+	BPSS1766	N	G	A
Bp Chr II	2452321	CDS	+	BPSS1793	S	T	C
Bp Chr II	2452573	CDS	+	BPSS1793	S	T	C
Bp Chr II	2452747	CDS	+	BPSS1793	S	C	T
Bp Chr II	2452765	CDS	+	BPSS1793	S	A	G
Bp Chr II	2452819	CDS	+	BPSS1793	S	T	C
Bp Chr II	2453053	Intergenic	.	-	-	T	C
Bp Chr II	2453278	CDS	+	BPSS1794	N	G	A
Bp Chr II	2453313	CDS	+	BPSS1794	S	G	C
Bp Chr II	2453511	CDS	+	BPSS1794	S	C	G
Bp Chr II	2453526	CDS	+	BPSS1794	S	C	T
Bp Chr II	2453609	CDS	+	BPSS1794	N	G	A
Bp Chr II	2453837	CDS	+	BPSS1794	N	G	A
Bp Chr II	2453891	CDS	+	BPSS1794	N	T	G
Bp Chr II	2453919	Intergenic	.	-	-	G	A
Bp Chr II	2454151	CDS	+	BPSS1795	S	C	G
Bp Chr II	2454169	CDS	+	BPSS1795	S	C	T

Bp Chr II	2454241	CDS	+	BPSS1795	S	A	G
Bp Chr II	2454658	CDS	+	BPSS1795	S	T	C
Bp Chr II	2454779	CDS	+	BPSS1795	N	A	C
Bp Chr II	2454817	CDS	+	BPSS1795	S	G	A
Bp Chr II	2455348	Intergenic	.	-	-	G	C
Bp Chr II	2455435	CDS	+	BPSS1796	N	A	G
Bp Chr II	2455491	CDS	+	BPSS1796	S	A	G
Bp Chr II	2455764	CDS	+	BPSS1796	S	G	A
Bp Chr II	2455979	Intergenic	.	-	-	C	A
Bp Chr II	2456280	CDS	-	BPSS1797	S	A	G
Bp Chr II	2456559	CDS	-	BPSS1797	S	G	A
Bp Chr II	2456586	CDS	-	BPSS1797	S	G	A
Bp Chr II	2456670	CDS	-	BPSS1797	S	G	A
Bp Chr II	2456709	CDS	-	BPSS1797	S	G	A
Bp Chr II	2456746	CDS	-	BPSS1797	N	T	C
Bp Chr II	2456868	CDS	-	BPSS1797	S	G	A
Bp Chr II	2457009	CDS	-	BPSS1797	S	G	A
Bp Chr II	2457228	CDS	-	BPSS1797	S	G	A
Bp Chr II	2457483	CDS	-	BPSS1797	S	G	A
Bp Chr II	2457528	CDS	-	BPSS1797	S	G	A
Bp Chr II	2457600	CDS	-	BPSS1797	S	G	A
Bp Chr II	2457861	Intergenic	.	-	-	T	C
Bp Chr II	2458001	Intergenic	.	-	-	A	G
Bp Chr II	2458002	Intergenic	.	-	-	C	T
Bp Chr II	2458074	CDS	+	BPSS1798	N	C	T
Bp Chr II	2458076	CDS	+	BPSS1798	N	G	C
Bp Chr II	2458107	CDS	+	BPSS1798	N	C	G
Bp Chr II	2458125	CDS	+	BPSS1798	N	A	G
Bp Chr II	2458138	CDS	+	BPSS1798	S	T	C
Bp Chr II	2458150	CDS	+	BPSS1798	S	T	G
Bp Chr II	2458189	CDS	+	BPSS1798	S	T	C
Bp Chr II	2458192	CDS	+	BPSS1798	S	T	C
Bp Chr II	2458241	CDS	+	BPSS1798	N	G	A
Bp Chr II	2458299	CDS	+	BPSS1798	N	G	A
Bp Chr II	2458364	CDS	+	BPSS1798	S	C	T
Bp Chr II	2458408	CDS	+	BPSS1798	S	G	A
Bp Chr II	2458460	CDS	+	BPSS1798	N	T	G
Bp Chr II	2458657	CDS	+	BPSS1798	S	A	G
Bp Chr II	2458727	CDS	+	BPSS1798	N	A	G
Bp Chr II	2458748	Intergenic	.	-	-	C	T
Bp Chr II	2458750	Intergenic	.	-	-	G	A
Bp Chr II	2458776	Intergenic	.	-	-	A	C,G
Bp Chr II	2458778	Intergenic	.	-	-	A	C
Bp Chr II	2458782	Intergenic	.	-	-	G	C
Bp Chr II	2458815	Intergenic	.	-	-	A	C
Bp Chr II	2458917	Intergenic	.	-	-	C	G
Bp Chr II	2458947	Intergenic	.	-	-	C	T

Bp Chr II	2459701	CDS	-	BPSS1800	S	T	C
Bp Chr II	2459854	CDS	-	BPSS1800	S	C	T
Bp Chr II	2465119	Intergenic	.	-	-	A	G
Bp Chr II	2465245	CDS	-	BPSS1805	S	G	A
Bp Chr II	2465425	CDS	-	BPSS1805	S	C	G
Bp Chr II	2465496	CDS	-	BPSS1805	S	G	A
Bp Chr II	2465959	CDS	-	BPSS1806	N	C	T
Bp Chr II	2465966	CDS	-	BPSS1806	S	C	T
Bp Chr II	2466002	CDS	-	BPSS1806	S	C	T
Bp Chr II	2466073	CDS	-	BPSS1806	S	A	G
Bp Chr II	2466164	CDS	-	BPSS1806	S	G	A
Bp Chr II	2466216	Intergenic	.	-	-	G	A
Bp Chr II	2466639	CDS	-	BPSS1807	S	C	G
Bp Chr II	2466842	CDS	-	BPSS1807	N	C	T
Bp Chr II	2466899	CDS	-	BPSS1807	N	C	T
Bp Chr II	2467088	CDS	-	BPSS1807	N	T	C
Bp Chr II	2467363	CDS	-	BPSS1808	S	G	A
Bp Chr II	2467599	CDS	-	BPSS1808	N	T	C
Bp Chr II	2467757	CDS	-	BPSS1808	S	C	G
Bp Chr II	2467862	CDS	-	BPSS1808	S	A	G
Bp Chr II	2467953	CDS	-	BPSS1808	N	T	G
Bp Chr II	2467967	CDS	-	BPSS1808	S	A	G
Bp Chr II	2468117	CDS	-	BPSS1808	S	G	A
Bp Chr II	2468242	CDS	-	BPSS1809	S	C	T
Bp Chr II	2468319	CDS	-	BPSS1809	N	A	G
Bp Chr II	2468577	CDS	-	BPSS1809	N	C	G
Bp Chr II	2469036	CDS	-	BPSS1810	S	G	A
Bp Chr II	2469297	CDS	-	BPSS1810	S	G	A
Bp Chr II	2469399	CDS	-	BPSS1810	S	G	A
Bp Chr II	2469968	CDS	-	BPSS1811	S	T	C
Bp Chr II	2470127	CDS	-	BPSS1811	S	A	G
Bp Chr II	2470142	CDS	-	BPSS1811	S	G	A
Bp Chr II	2470770	CDS	-	BPSS1812	S	G	A
Bp Chr II	2471115	CDS	-	BPSS1812	S	G	A
Bp Chr II	2471325	CDS	-	BPSS1812	S	G	A
Bp Chr II	2475312	Intergenic	.	-	-	A	G
Bp Chr II	2475366	Intergenic	.	-	-	G	A
Bp Chr II	2475387	Intergenic	.	-	-	G	A
Bp Chr II	2475389	Intergenic	.	-	-	C	T
Bp Chr II	2475415	Intergenic	.	-	-	G	A
Bp Chr II	2475424	Intergenic	.	-	-	C	G
Bp Chr II	2475459	Intergenic	.	-	-	G	T
Bp Chr II	2475477	Intergenic	.	-	-	C	T
Bp Chr II	2499919	CDS	-	BPSS1838	S	C	T
Bp Chr II	2499924	CDS	-	BPSS1838	N	C	A
Bp Chr II	2500042	CDS	-	BPSS1838	S	A	G
Bp Chr II	2500305	CDS	-	BPSS1838	N	C	T

Bp Chr II	2500428	CDS	-	<i>BPSS1838</i>	N	C	T
Bp Chr II	2500505	CDS	-	<i>BPSS1838</i>	N	C	T
Bp Chr II	2500527	CDS	-	<i>BPSS1838</i>	N	G	T
Bp Chr II	2500547	CDS	-	<i>BPSS1838</i>	N	G	A
Bp Chr II	2500861	CDS	-	<i>BPSS1838</i>	S	G	A
Bp Chr II	2500911	CDS	-	<i>BPSS1838</i>	N	C	T
Bp Chr II	2500990	CDS	-	<i>BPSS1838</i>	N	G	T
Bp Chr II	2501155	Intergenic	.	-	-	T	C
Bp Chr II	2501178	Intergenic	.	-	-	G	A,C
Bp Chr II	2523216	Intergenic	.	-	-	C	T
Bp Chr II	2523406	CDS	+	<i>BPSS1858</i>	S	A	C
Bp Chr II	2523544	CDS	+	<i>BPSS1858</i>	S	T	C
Bp Chr II	2523823	CDS	+	<i>BPSS1858</i>	S	A	G
Bp Chr II	2523878	CDS	+	<i>BPSS1858</i>	S	C	A
Bp Chr II	2523880	CDS	+	<i>BPSS1858</i>	S	A	G
Bp Chr II	2523985	CDS	+	<i>BPSS1858</i>	S	A	G
Bp Chr II	2524280	CDS	+	<i>BPSS1858</i>	N	A	G
Bp Chr II	2524372	Intergenic	.	-	-	A	G
Bp Chr II	2524691	CDS	+	<i>BPSS1859</i>	S	A	G
Bp Chr II	2524826	Intergenic	.	-	-	G	C
Bp Chr II	2524830	Intergenic	.	-	-	A	G
Bp Chr II	2524836	Intergenic	.	-	-	G	A
Bp Chr II	2524841	Intergenic	.	-	-	G	A
Bp Chr II	2524854	Intergenic	.	-	-	A	G
Bp Chr II	2524872	Intergenic	.	-	-	G	C
Bp Chr II	2524891	Intergenic	.	-	-	C	G
Bp Chr II	2524894	Intergenic	.	-	-	C	A
Bp Chr II	2524949	Intergenic	.	-	-	C	A
Bp Chr II	2525133	CDS	-	<i>BPSS1860</i>	N	T	C
Bp Chr II	2525162	CDS	-	<i>BPSS1860</i>	N	G	A
Bp Chr II	2525392	CDS	-	<i>BPSS1860</i>	S	G	A
Bp Chr II	2525539	CDS	-	<i>BPSS1860</i>	S	A	G
Bp Chr II	2525541	CDS	-	<i>BPSS1860</i>	N	C	T
Bp Chr II	2525851	CDS	-	<i>BPSS1860</i>	S	G	A
Bp Chr II	2525937	CDS	-	<i>BPSS1860</i>	N	T	G
Bp Chr II	2526127	CDS	-	<i>BPSS1860</i>	S	G	A
Bp Chr II	2526149	Intergenic	.	-	-	C	A
Bp Chr II	2526211	Intergenic	.	-	-	G	A
Bp Chr II	2526251	Intergenic	.	-	-	G	A
Bp Chr II	2526281	Intergenic	.	-	-	A	C
Bp Chr II	2526284	Intergenic	.	-	-	C	T
Bp Chr II	2526344	Intergenic	.	-	-	T	A
Bp Chr II	2526352	Intergenic	.	-	-	A	G
Bp Chr II	2526360	Intergenic	.	-	-	G	T
Bp Chr II	2526450	Intergenic	.	-	-	C	T
Bp Chr II	2526459	Intergenic	.	-	-	G	C
Bp Chr II	2526477	Intergenic	.	-	-	G	A

Bp Chr II	2526528	Intergenic	.	-	-	C	T
Bp Chr II	2526531	Intergenic	.	-	-	G	A
Bp Chr II	2526582	Intergenic	.	-	-	T	C
Bp Chr II	2526600	Intergenic	.	-	-	T	C
Bp Chr II	2526608	Intergenic	.	-	-	G	A
Bp Chr II	2526630	Intergenic	.	-	-	C	T
Bp Chr II	2526675	Intergenic	.	-	-	G	A
Bp Chr II	2526739	Intergenic	.	-	-	A	G
Bp Chr II	2526776	Intergenic	.	-	-	G	A
Bp Chr II	2526791	Intergenic	.	-	-	G	A
Bp Chr II	2526867	Intergenic	.	-	-	G	T
Bp Chr II	2526882	Intergenic	.	-	-	G	C
Bp Chr II	2526907	Intergenic	.	-	-	C	G
Bp Chr II	2526931	Intergenic	.	-	-	C	T
Bp Chr II	2526986	Intergenic	.	-	-	C	T
Bp Chr II	2527179	CDS	-	<i>BPSS1861</i>	S	G	A
Bp Chr II	2527219	CDS	-	<i>BPSS1861</i>	N	C	A
Bp Chr II	2527323	CDS	-	<i>BPSS1861</i>	S	C	T
Bp Chr II	2527422	CDS	-	<i>BPSS1861</i>	S	G	T
Bp Chr II	2527650	CDS	-	<i>BPSS1861</i>	S	A	G
Bp Chr II	2527662	CDS	-	<i>BPSS1861</i>	S	T	C
Bp Chr II	2528007	Intergenic	.	-	-	C	G
Bp Chr II	2528020	Intergenic	.	-	-	A	G
Bp Chr II	2528035	Intergenic	.	-	-	C	A
Bp Chr II	2528065	Intergenic	.	-	-	A	T
Bp Chr II	2528103	Intergenic	.	-	-	A	G
Bp Chr II	2528137	Intergenic	.	-	-	C	A
Bp Chr II	2528180	Intergenic	.	-	-	G	A
Bp Chr II	2528526	Intergenic	.	-	-	G	A
Bp Chr II	2528579	Intergenic	.	-	-	G	A
Bp Chr II	2528582	Intergenic	.	-	-	C	T
Bp Chr II	2584309	CDS	-	<i>BPSS1907</i>	N	A	G
Bp Chr II	2584484	CDS	-	<i>BPSS1907</i>	N	C	T
Bp Chr II	2584631	CDS	-	<i>BPSS1907</i>	N	C	T
Bp Chr II	2584647	CDS	-	<i>BPSS1907</i>	S	G	A
Bp Chr II	2584781	CDS	-	<i>BPSS1907</i>	N	G	A
Bp Chr II	2584803	CDS	-	<i>BPSS1907</i>	S	G	A
Bp Chr II	2584876	CDS	-	<i>BPSS1907</i>	N	T	C
Bp Chr II	2584994	CDS	-	<i>BPSS1907</i>	S	A	G
Bp Chr II	2585360	Intergenic	.	-	-	T	C
Bp Chr II	2585422	Intergenic	.	-	-	T	C
Bp Chr II	2585457	Intergenic	.	-	-	A	G
Bp Chr II	2585504	CDS	+	<i>BPSS1908</i>	S	C	T
Bp Chr II	2585700	CDS	+	<i>BPSS1908</i>	N	A	C
Bp Chr II	2586027	CDS	+	<i>BPSS1909</i>	N	G	C
Bp Chr II	2586307	CDS	+	<i>BPSS1909</i>	S	T	C
Bp Chr II	2586367	CDS	+	<i>BPSS1909</i>	S	A	G

Bp Chr II	2586373	CDS	+	BPSS1909	S	C	T
Bp Chr II	2586391	CDS	+	BPSS1909	S	T	C
Bp Chr II	2586461	CDS	+	BPSS1909	N	G	C
Bp Chr II	2586563	CDS	+	BPSS1910	S	A	G
Bp Chr II	2586565	CDS	+	BPSS1910	N	T	G
Bp Chr II	2586753	CDS	+	BPSS1910	N	G	A
Bp Chr II	2586762	CDS	+	BPSS1910	N	A	G
Bp Chr II	2586782	CDS	+	BPSS1910	S	G	A
Bp Chr II	2586845	CDS	+	BPSS1910	S	G	A
Bp Chr II	2586846	CDS	+	BPSS1910	N	G	A
Bp Chr II	2586876	CDS	+	BPSS1910	S	C	T
Bp Chr II	2586980	CDS	+	BPSS1910	S	G	C
Bp Chr II	2587090	CDS	+	BPSS1910	N	G	T
Bp Chr II	2587111	CDS	+	BPSS1910	N	C	T
Bp Chr II	2587174	CDS	+	BPSS1910	N	G	A
Bp Chr II	2587410	CDS	+	BPSS1910	N	C	T
Bp Chr II	2587418	CDS	+	BPSS1910	S	G	A
Bp Chr II	2587622	Intergenic	.	-	-	G	A
Bp Chr II	2587739	Intergenic	.	-	-	A	G
Bp Chr II	2588024	Intergenic	.	-	-	C	A
Bp Chr II	2588032	Intergenic	.	-	-	T	C
Bp Chr II	2588186	Intergenic	.	-	-	A	G
Bp Chr II	2588219	Intergenic	.	-	-	G	A
Bp Chr II	2588482	CDS	+	BPSS1911	S	T	C
Bp Chr II	2589061	CDS	+	BPSS1911	S	G	A
Bp Chr II	2589103	CDS	+	BPSS1911	S	G	A
Bp Chr II	2589184	CDS	+	BPSS1911	S	G	A
Bp Chr II	2589199	CDS	+	BPSS1911	S	T	C
Bp Chr II	2589400	CDS	+	BPSS1911	S	G	A
Bp Chr II	2589516	CDS	+	BPSS1911	N	G	A
Bp Chr II	2591732	CDS	-	BPSS1913	S	G	A
Bp Chr II	2591867	CDS	-	BPSS1913	S	T	C
Bp Chr II	2591903	CDS	-	BPSS1913	S	G	A
Bp Chr II	2592950	Intergenic	.	-	-	G	A
Bp Chr II	2593167	Intergenic	.	-	-	T	G
Bp Chr II	2632732	CDS	-	BPSS1945	S	A	G
Bp Chr II	2632789	CDS	-	BPSS1945	S	G	A
Bp Chr II	2632853	CDS	-	BPSS1945	N	C	T
Bp Chr II	2632969	CDS	-	BPSS1945	N	T	A
Bp Chr II	2633134	CDS	-	BPSS1945	S	G	A
Bp Chr II	2633215	CDS	-	BPSS1946	N	C	T
Bp Chr II	2633275	CDS	-	BPSS1946	N	G	A
Bp Chr II	2633408	CDS	-	BPSS1946	N	C	T
Bp Chr II	2633414	CDS	-	BPSS1946	N	C	T
Bp Chr II	2633429	CDS	-	BPSS1946	N	A	G
Bp Chr II	2633439	CDS	-	BPSS1946	S	A	G
Bp Chr II	2684372	CDS	+	BPSS1984	N	G	A

Bp Chr II	2684502	CDS	+	BPSS1984	S	G	A
Bp Chr II	2684554	CDS	+	BPSS1984	N	G	A
Bp Chr II	2684562	CDS	+	BPSS1984	S	C	T
Bp Chr II	2684714	CDS	+	BPSS1984	N	A	G
Bp Chr II	2684823	CDS	+	BPSS1984	S	T	C
Bp Chr II	2684863	CDS	+	BPSS1984	N	T	G
Bp Chr II	2685061	CDS	+	BPSS1984	N	G	A
Bp Chr II	2685079	CDS	+	BPSS1984	N	G	A
Bp Chr II	2685147	CDS	+	BPSS1984	S	G	A
Bp Chr II	2685171	CDS	+	BPSS1984	S	C	T
Bp Chr II	2685339	CDS	+	BPSS1984	S	T	C
Bp Chr II	2685461	CDS	+	BPSS1984	N	G	C
Bp Chr II	2685615	CDS	+	BPSS1984	S	C	A
Bp Chr II	2685651	CDS	+	BPSS1984	S	G	A
Bp Chr II	2685663	CDS	+	BPSS1984	S	G	C
Bp Chr II	2686166	CDS	+	BPSS1985	S	C	G
Bp Chr II	2686442	CDS	+	BPSS1985	S	G	A
Bp Chr II	2686914	CDS	+	BPSS1986	N	T	G
Bp Chr II	2687037	CDS	+	BPSS1986	S	G	A
Bp Chr II	2687091	CDS	+	BPSS1986	S	T	C
Bp Chr II	2687172	CDS	+	BPSS1986	S	C	T
Bp Chr II	2687253	CDS	+	BPSS1986	S	A	G
Bp Chr II	2687268	CDS	+	BPSS1986	S	G	A
Bp Chr II	2687309	CDS	+	BPSS1986	N	C	T
Bp Chr II	2687328	CDS	+	BPSS1986	S	G	A
Bp Chr II	2693168	Intergenic	.	-	-	A	G
Bp Chr II	2693216	Intergenic	.	-	-	A	G
Bp Chr II	2693287	CDS	-	BPSS1992	S	T	C
Bp Chr II	2693494	CDS	-	BPSS1992	S	G	A
Bp Chr II	2718640	CDS	-	BPSS2011	S	C	T
Bp Chr II	2718657	CDS	-	BPSS2011	N	C	T
Bp Chr II	2718808	CDS	-	BPSS2011	S	C	G
Bp Chr II	2718952	CDS	-	BPSS2011	S	T	C
Bp Chr II	2718976	CDS	-	BPSS2011	S	A	G
Bp Chr II	2719069	CDS	-	BPSS2011	S	A	G
Bp Chr II	2719099	CDS	-	BPSS2011	S	A	G
Bp Chr II	2719180	CDS	-	BPSS2011	S	T	C
Bp Chr II	2731981	CDS	-	BPSS2021	S	G	A
Bp Chr II	2732095	CDS	-	BPSS2021	S	A	G
Bp Chr II	2732245	CDS	-	BPSS2021	S	G	A
Bp Chr II	2732569	CDS	-	BPSS2021	S	G	A
Bp Chr II	2732875	CDS	+	BPSS2022	S	G	A
Bp Chr II	2732896	CDS	+	BPSS2022	S	G	A
Bp Chr II	2732962	CDS	+	BPSS2022	S	G	A
Bp Chr II	2733121	CDS	+	BPSS2022	S	G	A
Bp Chr II	2733126	CDS	+	BPSS2022	N	T	C
Bp Chr II	2733232	CDS	+	BPSS2022	S	T	C

Bp Chr II	2733364	CDS	+	BPSS2022	S	G	A
Bp Chr II	2733535	CDS	+	BPSS2022	S	C	T
Bp Chr II	2733833	Intergenic	.	-	-	G	A
Bp Chr II	2733916	Intergenic	.	-	-	G	C
Bp Chr II	2733979	Intergenic	.	-	-	G	A
Bp Chr II	2733997	Intergenic	.	-	-	T	G
Bp Chr II	2734005	Intergenic	.	-	-	A	G
Bp Chr II	2734007	Intergenic	.	-	-	C	T
Bp Chr II	2734031	Intergenic	.	-	-	T	G
Bp Chr II	2734334	CDS	+	BPSS2023	N	G	A
Bp Chr II	2734343	CDS	+	BPSS2023	N	G	A
Bp Chr II	2734365	Intergenic	.	-	-	G	A
Bp Chr II	2734468	CDS	-	BPSS2024	S	A	G
Bp Chr II	2734791	CDS	-	BPSS2024	N	G	A
Bp Chr II	2734846	CDS	-	BPSS2024	S	G	A
Bp Chr II	2734936	CDS	-	BPSS2024	S	G	A
Bp Chr II	2734971	CDS	-	BPSS2024	N	G	A
Bp Chr II	2735004	CDS	-	BPSS2024	N	C	A
Bp Chr II	2735047	CDS	-	BPSS2024	S	G	A
Bp Chr II	2735056	CDS	-	BPSS2024	S	G	A
Bp Chr II	2735251	CDS	-	BPSS2024	S	A	G
Bp Chr II	2757100	CDS	+	BPSS2041	S	C	T
Bp Chr II	2757281	CDS	+	BPSS2041	N	G	A
Bp Chr II	2757322	CDS	+	BPSS2041	S	G	A
Bp Chr II	2757560	CDS	+	BPSS2041	N	C	T
Bp Chr II	2757786	CDS	+	BPSS2041	N	A	G
Bp Chr II	2757861	CDS	+	BPSS2042	S	A	G
Bp Chr II	2757972	CDS	+	BPSS2042	S	A	G
Bp Chr II	2758020	CDS	+	BPSS2042	S	A	G
Bp Chr II	2758128	CDS	+	BPSS2042	S	C	T
Bp Chr II	2758352	CDS	+	BPSS2042	N	C	T
Bp Chr II	2758354	CDS	+	BPSS2042	N	G	A
Bp Chr II	2758362	CDS	+	BPSS2042	S	T	C
Bp Chr II	2758527	CDS	+	BPSS2042	S	T	C
Bp Chr II	2758695	CDS	+	BPSS2042	S	C	T
Bp Chr II	2758818	CDS	+	BPSS2042	S	C	T
Bp Chr II	2758881	CDS	+	BPSS2042	S	C	A
Bp Chr II	2758902	CDS	+	BPSS2042	S	C	G
Bp Chr II	2758913	CDS	+	BPSS2042	N	G	A
Bp Chr II	2759001	CDS	+	BPSS2042	S	T	C
Bp Chr II	2759046	CDS	+	BPSS2042	S	A	G
Bp Chr II	2759068	CDS	+	BPSS2042	N	A	G
Bp Chr II	2759328	CDS	+	BPSS2042	S	A	G
Bp Chr II	2759504	CDS	+	BPSS2042	N	A	G
Bp Chr II	2759562	CDS	+	BPSS2042	S	G	T
Bp Chr II	2759719	CDS	+	BPSS2043	N	C	A
Bp Chr II	2833082	CDS	-	BPSS2093	N	T	C

Bp Chr II	2833090	CDS	-	BPSS2093	S	T	C
Bp Chr II	2833482	CDS	-	BPSS2094	S	C	T
Bp Chr II	2833692	CDS	-	BPSS2094	S	G	A
Bp Chr II	2834176	CDS	-	BPSS2094	N	A	G
Bp Chr II	2834305	CDS	-	BPSS2094	N	T	C
Bp Chr II	2834614	CDS	-	BPSS2094	N	T	G
Bp Chr II	2834754	CDS	-	BPSS2094	S	A	G
Bp Chr II	2834799	CDS	-	BPSS2094	S	C	T
Bp Chr II	2834873	CDS	-	BPSS2094	N	C	T
Bp Chr II	2835095	CDS	-	BPSS2094	N	C	G
Bp Chr II	2835560	CDS	-	BPSS2094	N	G	A
Bp Chr II	2835621	CDS	-	BPSS2094	S	C	G
Bp Chr II	2836011	CDS	-	BPSS2094	S	A	G
Bp Chr II	2836099	CDS	-	BPSS2095	N	G	C
Bp Chr II	2836102	CDS	-	BPSS2095	N	C	T
Bp Chr II	2836127	CDS	-	BPSS2095	S	C	T
Bp Chr II	2836166	CDS	-	BPSS2095	S	T	G
Bp Chr II	2836227	CDS	-	BPSS2095	N	T	C
Bp Chr II	2836274	CDS	-	BPSS2095	S	A	G
Bp Chr II	2836401	CDS	-	BPSS2095	N	C	T
Bp Chr II	2836424	CDS	-	BPSS2095	S	C	T
Bp Chr II	2836722	CDS	-	BPSS2095	N	C	T
Bp Chr II	2836736	CDS	-	BPSS2095	S	C	G
Bp Chr II	2836756	CDS	-	BPSS2095	N	G	A
Bp Chr II	2836758	CDS	-	BPSS2095	N	G	C
Bp Chr II	2836771	CDS	-	BPSS2095	N	A	G
Bp Chr II	2836791	CDS	-	BPSS2095	N	G	A
Bp Chr II	2837272	CDS	-	BPSS2095	N	A	G
Bp Chr II	2837315	CDS	-	BPSS2095	S	T	C
Bp Chr II	2837389	CDS	-	BPSS2095	N	T	C
Bp Chr II	2837457	CDS	-	BPSS2095	N	G	A
Bp Chr II	2837503	CDS	-	BPSS2095	N	G	A
Bp Chr II	2837656	CDS	-	BPSS2096	S	G	A
Bp Chr II	2837680	CDS	-	BPSS2096	S	G	A
Bp Chr II	2837704	CDS	-	BPSS2096	S	G	A
Bp Chr II	2837803	CDS	-	BPSS2096	S	A	G
Bp Chr II	2837812	CDS	-	BPSS2096	S	A	G
Bp Chr II	2837816	CDS	-	BPSS2096	N	T	C
Bp Chr II	2837860	CDS	-	BPSS2096	S	A	G
Bp Chr II	2837926	CDS	-	BPSS2096	S	G	A
Bp Chr II	2838076	CDS	-	BPSS2096	S	G	A
Bp Chr II	2838085	CDS	-	BPSS2096	S	G	A
Bp Chr II	2838199	CDS	-	BPSS2096	S	G	A
Bp Chr II	2838370	CDS	-	BPSS2096	S	G	A
Bp Chr II	2838439	CDS	-	BPSS2096	S	C	G
Bp Chr II	2838570	CDS	-	BPSS2096	N	G	A
Bp Chr II	2838684	CDS	-	BPSS2096	S	G	A

Bp Chr II	2838730	CDS	-	BPSS2096	S	G	A
Bp Chr II	2838741	CDS	-	BPSS2096	S	G	A
Bp Chr II	2838986	CDS	-	BPSS2096	N	C	T
Bp Chr II	2839054	CDS	-	BPSS2096	S	C	T
Bp Chr II	2839134	CDS	-	BPSS2096	N	T	C
Bp Chr II	2839251	CDS	-	BPSS2096	N	T	C
Bp Chr II	2839391	CDS	-	BPSS2096	N	T	A
Bp Chr II	2839448	CDS	-	BPSS2097	S	C	T
Bp Chr II	2839463	CDS	-	BPSS2097	S	C	T
Bp Chr II	2839651	CDS	-	BPSS2097	N	G	A
Bp Chr II	2840123	CDS	-	BPSS2098	S	G	C
Bp Chr II	2840141	CDS	-	BPSS2098	S	C	G
Bp Chr II	2840485	Intergenic	.	-	-	T	C
Bp Chr II	2840611	CDS	-	BPSS2099	S	T	C
Bp Chr II	2840977	CDS	-	BPSS2099	S	T	G
Bp Chr II	2841136	CDS	-	BPSS2099	S	G	A
Bp Chr II	2841292	CDS	-	BPSS2099	S	C	T
Bp Chr II	2841319	CDS	-	BPSS2099	S	G	A
Bp Chr II	2841354	CDS	-	BPSS2099	S	G	A
Bp Chr II	2841484	CDS	-	BPSS2099	S	T	C
Bp Chr II	2841577	CDS	-	BPSS2099	S	G	A
Bp Chr II	2841658	CDS	-	BPSS2099	S	C	T
Bp Chr II	2841736	CDS	-	BPSS2099	S	G	A
Bp Chr II	2841744	CDS	-	BPSS2099	S	G	A
Bp Chr II	3038260	Intergenic	.	-	-	G	A
Bp Chr II	3038263	Intergenic	.	-	-	A	C
Bp Chr II	3038510	Intergenic	.	-	-	T	C
Bp Chr II	3038660	Intergenic	.	-	-	C	T
Bp Chr II	3038686	Intergenic	.	-	-	A	G
Bp Chr II	3038767	Intergenic	.	-	-	G	A
Bp Chr II	3038787	Intergenic	.	-	-	T	C
Bp Chr II	3038788	Intergenic	.	-	-	G	A
Bp Chr II	3038802	Intergenic	.	-	-	G	A
Bp Chr II	3039075	CDS	-	BPSS2261	S	G	A
Bp Chr II	3039482	CDS	-	BPSS2261	N	T	C
Bp Chr II	3039519	CDS	-	BPSS2261	S	A	G
Bp Chr II	3045452	CDS	-	BPSS2267	S	G	A
Bp Chr II	3045476	CDS	-	BPSS2267	S	A	G
Bp Chr II	3046270	CDS	-	BPSS2267	N	G	A
Bp Chr II	3046418	CDS	-	BPSS2267	S	G	A
Bp Chr II	3046806	Intergenic	.	-	-	G	A
Bp Chr II	3047158	CDS	-	BPSS2268	S	G	A
Bp Chr II	3047169	CDS	-	BPSS2268	N	A	G
Bp Chr II	3047239	CDS	-	BPSS2268	S	A	G
Bp Chr II	3047518	Intergenic	.	-	-	G	A
Bp Chr II	3047547	Intergenic	.	-	-	G	A
Bp Chr II	3047622	Intergenic	.	-	-	C	T

Bp Chr II	3048030	Intergenic	.	-	-	G	A
Bp Chr II	3048193	Intergenic	.	-	-	A	G
Bp Chr II	3048229	Intergenic	.	-	-	G	A
Bp Chr II	3048369	CDS	-	BPSS2269	S	G	A
Bp Chr II	3048544	CDS	-	BPSS2269	S	A	G
Bp Chr II	3048764	CDS	-	BPSS2269	N	T	C
Bp Chr II	3048892	CDS	-	BPSS2269	S	T	C
Bp Chr II	3049216	CDS	-	BPSS2269	S	C	T
Bp Chr II	3049411	CDS	-	BPSS2269	S	G	A
Bp Chr II	3049479	CDS	-	BPSS2269	N	A	T
Bp Chr II	3049583	Intergenic	.	-	-	G	A
Bp Chr II	3049749	Intergenic	.	-	-	C	A
Bp Chr II	3049904	Intergenic	.	-	-	A	C
Bp Chr II	3050321	CDS	-	BPSS2270	S	G	A
Bp Chr II	3050456	CDS	-	BPSS2270	S	G	A
Bp Chr II	3050472	CDS	-	BPSS2270	N	A	G
Bp Chr II	3050525	CDS	-	BPSS2270	S	G	A
Bp Chr II	3050611	CDS	-	BPSS2270	S	G	A
Bp Chr II	3050662	CDS	-	BPSS2270	N	T	C
Bp Chr II	3050782	CDS	-	BPSS2270	N	C	T
Bp Chr II	3050845	CDS	-	BPSS2270	S	G	A
Bp Chr II	3050963	CDS	-	BPSS2270	S	G	A
Bp Chr II	3051045	CDS	-	BPSS2270	N	C	T
Bp Chr II	3051592	CDS	-	BPSS2271	N	C	G
Bp Chr II	3051600	CDS	-	BPSS2271	S	G	A
Bp Chr II	3051687	CDS	-	BPSS2271	S	C	T
Bp Chr II	3051912	CDS	-	BPSS2271	S	G	A
Bp Chr II	3051975	CDS	-	BPSS2271	S	G	A
Bp Chr II	3061219	CDS	+	BPSS2278	S	G	A
Bp Chr II	3061228	CDS	+	BPSS2278	S	C	T
Bp Chr II	3061447	CDS	+	BPSS2278	S	G	A
Bp Chr II	3061660	CDS	+	BPSS2278	S	C	T
Bp Chr II	3061661	CDS	+	BPSS2278	S	C	T
Bp Chr II	3061861	CDS	+	BPSS2278	S	C	A
Bp Chr II	3061957	CDS	+	BPSS2278	S	C	T
Bp Chr II	3062233	Intergenic	.	-	-	A	G
Bp Chr II	3062248	Intergenic	.	-	-	A	G
Bp Chr II	3062250	Intergenic	.	-	-	A	G
Bp Chr II	3062256	Intergenic	.	-	-	G	A
Bp Chr II	3062313	Intergenic	.	-	-	T	C
Bp Chr II	3062352	Intergenic	.	-	-	C	T
Bp Chr II	3062383	Intergenic	.	-	-	G	A
Bp Chr II	3062390	Intergenic	.	-	-	G	A
Bp Chr II	3062446	Intergenic	.	-	-	G	A
Bp Chr II	3062449	Intergenic	.	-	-	C	A
Bp Chr II	3062482	Intergenic	.	-	-	A	G
Bp Chr II	3062483	Intergenic	.	-	-	C	T

Bp Chr II	3062810	CDS	-	BPSS2279	S	A	G
Bp Chr II	3063247	CDS	-	BPSS2279	N	A	C
Bp Chr II	3063598	CDS	-	BPSS2279	N	G	A
Bp Chr II	3063604	CDS	-	BPSS2279	N	T	C
Bp Chr II	3063861	CDS	-	BPSS2279	S	G	A
Bp Chr II	3063971	CDS	-	BPSS2279	N	C	T
Bp Chr II	3064074	CDS	-	BPSS2279	S	G	C
Bp Chr II	3064522	CDS	-	BPSS2279	N	C	T
Bp Chr II	3064573	CDS	-	BPSS2279	N	A	G
Bp Chr II	3064670	CDS	-	BPSS2279	N	G	A
Bp Chr II	3064817	Intergenic	.	-	-	G	C
Bp Chr II	3064887	Intergenic	.	-	-	G	A
Bp Chr II	3064890	Intergenic	.	-	-	T	G
Bp Chr II	3064910	Intergenic	.	-	-	G	C
Bp Chr II	3065073	CDS	-	BPSS2280	S	C	G
Bp Chr II	3065100	CDS	-	BPSS2280	S	A	G
Bp Chr II	3065341	Intergenic	.	-	-	C	T
Bp Chr II	3065379	Intergenic	.	-	-	G	A
Bp Chr II	3065417	Intergenic	.	-	-	T	C
Bp Chr II	3065429	Intergenic	.	-	-	T	C
Bp Chr II	3065441	Intergenic	.	-	-	C	T
Bp Chr II	3065445	Intergenic	.	-	-	C	T
Bp Chr II	3065453	Intergenic	.	-	-	A	G
Bp Chr II	3065586	Intergenic	.	-	-	G	A
Bp Chr II	3065589	Intergenic	.	-	-	A	G
Bp Chr II	3065702	Intergenic	.	-	-	G	A
Bp Chr II	3065704	Intergenic	.	-	-	A	G
Bp Chr II	3065707	Intergenic	.	-	-	G	A
Bp Chr II	3065826	Intergenic	.	-	-	G	A
Bp Chr II	3065872	Intergenic	.	-	-	A	G
Bp Chr II	3065934	Intergenic	.	-	-	G	C
Bp Chr II	3065937	Intergenic	.	-	-	C	T
Bp Chr II	3065970	Intergenic	.	-	-	C	T
Bp Chr II	3066263	Intergenic	.	-	-	C	T
Bp Chr II	3066354	Intergenic	.	-	-	C	A
Bp Chr II	3066361	Intergenic	.	-	-	G	A
Bp Chr II	3066388	Intergenic	.	-	-	C	T
Bp Chr II	3066541	Intergenic	.	-	-	T	C
Bp Chr II	3066612	Intergenic	.	-	-	G	A
Bp Chr II	3066641	Intergenic	.	-	-	C	A
Bp Chr II	3066817	CDS	+	BPSS2281	N	C	T
Bp Chr II	3067073	CDS	+	BPSS2281	N	C	T
Bp Chr II	3067257	CDS	+	BPSS2281	S	G	C
Bp Chr II	3067302	CDS	+	BPSS2281	S	C	T
Bp Chr II	3067331	CDS	+	BPSS2281	N	C	G
Bp Chr II	3067637	CDS	+	BPSS2281	N	G	A
Bp Chr II	3067656	CDS	+	BPSS2281	S	G	A

Bp Chr II	3067801	CDS	+	BPSS2281	N	C	G
Bp Chr II	3082147	CDS	-	BPSS2291	S	G	A
Bp Chr II	3082687	CDS	-	BPSS2291	S	G	A
Bp Chr II	3082915	CDS	-	BPSS2291	S	G	A
Bp Chr II	3083543	CDS	-	BPSS2291	N	A	G
Bp Chr II	3084049	CDS	-	BPSS2291	S	G	C
Bp Chr II	3084311	Intergenic	.	-	-	T	C
Bp Chr II	3084499	CDS	+	BPSS2292	S	T	C
Bp Chr II	3084503	CDS	+	BPSS2292	N	C	G
Bp Chr II	3084596	CDS	+	BPSS2292	N	A	G
Bp Chr II	3084760	CDS	+	BPSS2292	S	A	G
Bp Chr II	3084918	CDS	+	BPSS2292	N	A	G
Bp Chr II	3084922	CDS	+	BPSS2292	S	G	A
Bp Chr II	3085120	CDS	+	BPSS2292	S	G	A
Bp Chr II	3085146	CDS	+	BPSS2292	N	G	A
Bp Chr II	3085196	CDS	+	BPSS2292	N	A	G
Bp Chr II	3085219	CDS	+	BPSS2292	S	T	G
Bp Chr II	3085465	CDS	+	BPSS2292	S	G	A
Bp Chr II	3085484	CDS	+	BPSS2292	N	G	A
Bp Chr II	3085510	Intergenic	.	-	-	A	G
Bp Chr II	3085512	Intergenic	.	-	-	G	A
Bp Chr II	3085682	CDS	+	BPSS2293	N	C	G
Bp Chr II	3086128	CDS	+	BPSS2293	S	G	A
Bp Chr II	3086665	CDS	+	BPSS2294	N	G	A
Bp Chr II	3086810	CDS	+	BPSS2294	S	T	C
Bp Chr II	3086957	CDS	+	BPSS2294	S	C	T
Bp Chr II	3087014	CDS	+	BPSS2294	S	G	A
Bp Chr II	3087149	CDS	+	BPSS2294	S	G	A
Bp Chr II	3087255	CDS	+	BPSS2294	S	C	T
Bp Chr II	3087469	Intergenic	.	-	-	G	A
Bp Chr II	3087541	CDS	+	BPSS2295	S	A	G
Bp Chr II	3087968	CDS	+	BPSS2295	N	T	C
Bp Chr II	3088321	CDS	+	BPSS2295	S	C	T
Bp Chr II	3088480	CDS	+	BPSS2295	S	G	A
Bp Chr II	3144160	CDS	+	BPSS2330	N	C	G
Bp Chr II	3144278	CDS	+	BPSS2330	S	C	A
Bp Chr II	3144289	CDS	+	BPSS2330	S	T	C
Bp Chr II	3144298	CDS	+	BPSS2330	S	C	T
Bp Chr II	3144447	CDS	+	BPSS2330	N	C	T
Bp Chr II	3144553	CDS	+	BPSS2330	S	G	T
Bp Chr II	3144610	CDS	+	BPSS2330	S	A	G
Bp Chr II	3145366	CDS	+	BPSS2330	S	G	A
Bp Chr II	3145437	CDS	+	BPSS2330	N	G	A
Bp Chr II	3145463	CDS	+	BPSS2330	N	A	G
Bp Chr II	3145533	CDS	+	BPSS2330	N	A	G
Bp Chr II	3145663	CDS	+	BPSS2330	S	G	C
Bp Chr II	3145794	CDS	+	BPSS2330	N	C	T

Bp Chr II	3145945	CDS	+	BPSS2330	S	G	A
Bp Chr II	3145954	CDS	+	BPSS2330	N	G	T
Bp Chr II	3146185	CDS	+	BPSS2330	S	C	T
Bp Chr II	3147029	CDS	+	BPSS2331	S	C	T
Bp Chr II	3147065	CDS	+	BPSS2331	S	G	A
Bp Chr II	3147101	CDS	+	BPSS2331	S	G	A
Bp Chr II	3147272	CDS	+	BPSS2331	S	C	T
Bp Chr II	3147354	CDS	+	BPSS2331	N	T	C
Bp Chr II	3147383	CDS	+	BPSS2331	S	T	G
Bp Chr II	3147386	CDS	+	BPSS2331	S	A	G
Bp Chr II	3147435	CDS	+	BPSS2331	N	T	C
Bp Chr II	3147438	CDS	+	BPSS2331	N	T	G
Bp Chr II	3147474	Intergenic	.	-	-	C	T
Bp Chr II	3147526	Intergenic	.	-	-	T	C
Bp Chr II	3147546	Intergenic	.	-	-	T	A
Bp Chr II	3147634	Intergenic	.	-	-	G	T
Bp Chr II	3147672	Intergenic	.	-	-	G	A
Bp Chr II	3147715	CDS	-	BPSS2332	S	C	T
Bp Chr II	3147886	CDS	-	BPSS2332	S	G	A
Bp Chr II	3147911	CDS	-	BPSS2332	N	T	G
Bp Chr II	3148054	CDS	-	BPSS2332	S	C	T
Bp Chr II	3148178	CDS	-	BPSS2332	N	C	T
Bp Chr II	3148223	CDS	-	BPSS2332	N	G	T
Bp Chr II	3148230	CDS	-	BPSS2332	N	G	A
Bp Chr II	3148257	Intergenic	.	-	-	T	C
Bp Chr II	3148262	Intergenic	.	-	-	T	C
Bp Chr II	3148283	Intergenic	.	-	-	A	G
Bp Chr II	3148511	CDS	-	BPSS2333	S	C	T
Bp Chr II	3148514	CDS	-	BPSS2333	S	A	G
Bp Chr II	3148565	CDS	-	BPSS2333	S	G	A
Bp Chr II	3148614	CDS	-	BPSS2333	N	A	G
Bp Chr II	3148736	CDS	-	BPSS2333	S	A	G
Bp Chr II	3148829	CDS	-	BPSS2333	S	G	A
Bp Chr II	3148849	CDS	-	BPSS2333	S	G	A
Bp Chr II	3148964	CDS	-	BPSS2333	S	G	A
Bp Chr II	3149120	CDS	-	BPSS2333	S	G	A
Bp Chr II	3149204	CDS	-	BPSS2333	S	T	C
Bp Chr II	3149228	CDS	-	BPSS2333	S	G	A
Bp Chr II	3149345	CDS	-	BPSS2333	S	T	C
Bp Chr II	3149553	CDS	-	BPSS2333	N	G	T
Bp Chr II	3149683	CDS	-	BPSS2334	S	A	G
Bp Chr II	3149719	CDS	-	BPSS2334	S	T	C
Bp Chr II	3149826	CDS	-	BPSS2334	S	G	A
Bp Chr II	3149839	CDS	-	BPSS2334	S	A	G
Bp Chr II	3149877	CDS	-	BPSS2334	N	C	A
Bp Chr II	3150559	CDS	-	BPSS2334	S	A	G
Bp Chr II	3150571	CDS	-	BPSS2334	S	A	G

Bp Chr II	3150711	Intergenic	.	-	-	G	A
Bp Chr II	3151273	CDS	-	BPSS2335	S	A	G
Bp Chr II	3151281	CDS	-	BPSS2335	N	C	T
Bp Chr II	3151293	CDS	-	BPSS2335	N	C	T
Bp Chr II	3151408	CDS	-	BPSS2335	S	A	G
Bp Chr II	3151451	CDS	-	BPSS2336	S	A	G
Bp Chr II	3151485	CDS	-	BPSS2336	S	G	A
Bp Chr II	3151548	CDS	-	BPSS2336	S	C	T
Bp Chr II	3151761	CDS	-	BPSS2336	S	C	T
Bp Chr II	3151854	CDS	-	BPSS2336	S	G	A
Bp Chr II	3152117	Intergenic	.	-	-	G	A
Bp Chr II	3152575	CDS	-	BPSS2337	S	C	T
Bp Chr II	3152662	CDS	-	BPSS2337	S	G	A
Bp Chr II	3152709	CDS	-	BPSS2337	N	T	A
Bp Chr II	3152718	CDS	-	BPSS2337	N	T	C
Bp Chr II	3152914	CDS	-	BPSS2337	S	T	C
Bp Chr II	3154671	CDS	-	BPSS2339	S	C	T
Bp Chr II	3155538	CDS	-	BPSS2339	S	C	T
Bp Chr II	3155684	CDS	-	BPSS2339	N	G	A
Bp Chr II	3155991	CDS	-	BPSS2339	S	G	A
Bp Chr II	3156103	Intergenic	.	-	-	G	A
Bp Chr II	3156157	Intergenic	.	-	-	G	A
Bp Chr II	3156164	Intergenic	.	-	-	G	A
Bp Chr II	3156211	Intergenic	.	-	-	C	T
Bp Chr II	3156228	Intergenic	.	-	-	G	A
Bp Chr II	3156245	Intergenic	.	-	-	G	A
Bp Chr II	3156269	Intergenic	.	-	-	T	C
Bp Chr II	3156361	Intergenic	.	-	-	T	C
Bp Chr II	3156519	CDS	-	BPSS2340	S	A	T
Bp Chr II	3156573	CDS	-	BPSS2340	N	G	T
Bp Chr II	3156771	CDS	-	BPSS2340	S	T	C
Bp Chr II	3156859	CDS	-	BPSS2340	N	G	A
Bp Chr II	3157008	CDS	-	BPSS2340	S	A	G
Bp Chr II	3157301	Intergenic	.	-	-	G	A
Bp Chr II	3157388	Intergenic	.	-	-	C	T
Bp Chr II	3157419	Intergenic	.	-	-	G	A
Bp Chr II	3157422	Intergenic	.	-	-	G	C
Bp Chr II	3157490	Intergenic	.	-	-	G	A
Bp Chr II	3157501	Intergenic	.	-	-	A	G
Bp Chr II	3157545	Intergenic	.	-	-	T	C
Bp Chr II	3157557	Intergenic	.	-	-	C	T
Bp Chr II	3157573	Intergenic	.	-	-	A	G
Bp Chr II	3157585	Intergenic	.	-	-	C	A
Bp Chr II	3157641	Intergenic	.	-	-	A	G
Bp Chr II	3157916	CDS	+	BPSS2341	S	C	G
Bp Chr II	3158041	CDS	+	BPSS2341	N	G	A
Bp Chr II	3158117	CDS	+	BPSS2341	S	C	T

Bp Chr II	3158207	CDS	+	<i>BPSS2341</i>	S	C	T
Bp Chr II	3158230	CDS	+	<i>BPSS2341</i>	N	A	G
Bp Chr II	3158424	CDS	+	<i>BPSS2341</i>	N	C	T
Bp Chr II	3158441	CDS	+	<i>BPSS2341</i>	S	C	T
Bp Chr II	3158570	CDS	+	<i>BPSS2341</i>	S	C	T
Bp Chr II	3158666	Intergenic	.	-	-	C	T
Bp Chr II	3158897	CDS	-	<i>BPSS2342</i>	N	A	T
Bp Chr II	3159190	CDS	-	<i>BPSS2342</i>	S	G	A
Bp Chr II	3159382	CDS	-	<i>BPSS2342</i>	S	G	A
Bp Chr II	3159648	CDS	-	<i>BPSS2343</i>	S	C	T
Bp Chr II	3159780	CDS	-	<i>BPSS2343</i>	S	G	A
Bp Chr II	3159816	CDS	-	<i>BPSS2343</i>	S	G	A
Bp Chr II	3159951	CDS	-	<i>BPSS2343</i>	S	A	G
Bp Chr II	3159955	CDS	-	<i>BPSS2343</i>	N	G	A
Bp Chr II	3160152	CDS	-	<i>BPSS2343</i>	S	G	A
Bp Chr II	3160423	CDS	-	<i>BPSS2344</i>	S	T	C
Bp Chr II	3160465	CDS	-	<i>BPSS2344</i>	S	C	T
Bp Chr II	3160739	Intergenic	.	-	-	A	G
Bp Chr II	3160758	Intergenic	.	-	-	C	T
Bp Chr II	3160822	Intergenic	.	-	-	G	A

Table S6: Genomic clade-specific recombination and mutation analysis

	Clade A	Clade B	Clade C
theta¹	5080.969	2808.638	3490.649
rho²	4736.784 [4514.87;4988.841]	2837.554 [2603.217;3081.632]	3311.696 [2980.587;3662.573]
nu³	0.00385 [0.00377;0.00393]	0.00311 [0.00303;0.00318]	0.00407 [0.00394;0.00421]
delta⁴	1283.0 [1224.0;1344.0]	2836.0 [2657.0;3060.0]	1575.0 [1449.0;1704.0]
rho/theta	0.932 [0.889;0.982]	1.01 [0.927;1.097]	0.949 [0.854;1.049]
r/m⁵	4.496 [4.258;4.74]	8.443 [7.687;9.182]	5.898 [5.308;6.505]

Table S7: Recombination flux analysis

	From Clade A	From Clade B	From Clade C	Ambiguous	Unknown	Total	Non-recombined
Into Clade A	2.45	4.63	0.8	3.13	12.49	23.48	76.52
Into Clade B	8.41	0.33	0.69	2.52	3.88	15.83	84.17
Into Clade C	2.21	0.03	0.02	0.46	6.16	8.87	91.13

Table S8: Functional enrichment of genes experiencing high recombination

COG functional group	Genes within high RF region in group	Total genes in group	% catergoy of high RF region genes	% catergoy in all genes	p-value	multiple testing correction	Genes within high RF region	All genes in COG
Amino_acid_transport_and_metabolism	119	436	15.16	12.49	0.027	0.481	785	3491
Carbohydrate_transport_and_metabolism	54	222	6.88	6.36	0.558	1*		
Cell_cycle_control,_mitosis_and_meiosis	5	37	0.64	1.06	0.297	1*		
Cell_motility	12	63	1.53	1.80	0.687	1*		
Cell_wall/membrane_biogenesis	54	278	6.88	7.96	0.291	1*		
Coenzyme_transport_and_metabolism	46	175	5.86	5.01	0.287	1*		
Defense_mechanisms	9	62	1.15	1.78	0.222	1*		
Energy_production_and_conversion	54	296	6.88	8.48	0.124	1*		
Inorganic_ion_transport_and_metabolism	75	235	9.55	6.73	0.003	0.048		
Intracellular_trafficking_and_secretion	68	179	8.66	5.13	3.27E-05	0.001		
Lipid_transport_and_metabolism	34	178	4.33	5.10	0.372	1*		
Nucleotide_transport_and_metabolism	13	85	1.66	2.43	0.201	1*		
Posttranslational_modification,_protein_t urnover,_chaperones	29	167	3.69	4.78	0.180	1*		
Replication,_recombination_and_repair	25	176	3.18	5.04	0.014	0.257		
Secondary_metabolites_biosynthesis,_tra nsport_and_catabolism	42	166	5.35	4.76	0.402	1*		
Signal_transduction_mechanisms	40	185	5.10	5.30	0.873	1*		
Transcription	84	362	10.70	10.37	0.770	1*		
Translation	22	189	2.80	5.41	0.0006	0.012		

*p value capped at 1

Table S9: Recombination events associated with haplotypes at *TFP8* locus

S.No	Haplotype ID	ST	Recombination Events
1	H1	51	R2, R7, R8
2	H2	422	R3, R7, R8
3	H3	423	Similar to the reference strain
4	H4	84	R4
5	H5	46	R1

Table S10: Genomic loci associated with multiple SNP haplotypes (≥ 5)

S.No	Chr	Genomic Coordinate	Gene Range	Number of genes*	Functional annotation
1	I	18832..85858	<i>BPSL0017-BPSL0074</i>	58	Secretory Pathway, Chemotaxis
2	I	258167..288500	<i>BPSL0249-BPSL0276</i>	28	Periplasmic dipeptide transport, Chemotaxis
3	I	376097..398146	<i>BPSL0353-BPSL0367</i>	15	Biotin cofactor biosynthesis
4	I	416928..455903	<i>BPSL0385-BPSL0419</i>	35	Cofactor biosynthesis, Cell envelope
5	I	653592..675368	<i>BPSL0590-BPSL0600</i>	11	Hypothetical proteins
6	I	694682..708399	<i>BPSL0614-BPSL0624</i>	11	Surface polysaccharides & antigens
7	I	1045804..1069103	<i>BPSL0897-BPSL0914</i>	18	Pantothenate and riboflavin Cofactor biosynthesis, Cell envelope
8	I	1178747..1213717	<i>BPSL1013-BPSL1043</i>	31	histidine transport, Cell envelope
9	I	1254718..1277993	<i>BPSL1084-BPSL1106</i>	23	Heat shock protein, transcription regulator bpsR
10	I	1534700..1551457	<i>BPSL1314-BPSL1325</i>	12	Adaptation, Cell envelope
11	I	2189121..2211533	<i>BPSL1836-BPSL1857</i>	22	Sulfur metabolism, Cell envelope
12	I	2343035..2366773	<i>BPSL1969-BPSL1983</i>	15	antibiotic resistance proteins
13	I	2470231..2485856	<i>BPSL2064-BPSL2074</i>	11	Hypothetical proteins
14	I	2488653..2515471	<i>BPSL2076-BPSL2094</i>	19	Polysaccharides metabolism
15	I	2516363..2547975	<i>BPSL2096-BPSL2120</i>	25	Small molecule degradation, Cell envelope
16	I	2640730..2655063	<i>BPSL2200-BPSL2210</i>	11	Molybdenum Cofactor biosynthesis, transport
17	I	2916691..2935205	<i>BPSL2413-BPSL2428</i>	16	Hypothetical proteins
18	I	3238931..3268755	<i>BPSL2709-BPSL2729</i>	21	Iron transport
19	I	3387164..3437859	<i>BPSL2834-BPSL2871</i>	38	Phosphorus compounds metabolism
20	I	3499740..3548926	<i>BPSL2931-BPSL2974</i>	44	Small molecule degradation, Cell envelope
21	I	3731839..3765118	<i>BPSL3127-BPSL3159</i>	33	Histidine and Glutamine metabolism, Thiamine Cofactor biosynthesis
22	I	3908786..3928828	<i>BPSL3292-BPSL3308</i>	17	Chemotaxis
1	II	21658..36807	<i>BPSS0023-BPSS0036</i>	14	Stress related protein, Hypothetical proteins
2	II	40711..55509	<i>BPSS0042-BPSS0055</i>	14	Small molecules degradation, Detoxification
3	II	163136..195388	<i>BPSS0128-BPSS0148</i>	21	Sugar transport
4	II	264513..301944	<i>BPSS0199-BPSS0223</i>	25	TCA cycle, Chemotaxis
5	II	312443..326414	<i>BPSS0229-BPSS0239</i>	11	Electron transport, penicillin binding protein
6	II	445738..463807	<i>BPSS0318-BPSS0331</i>	14	Hypothetical proteins
7	II	581361..659148	<i>BPSS0421-BPSS0485</i>	65	Surface polysaccharides and Antigen
8	II	662463..698638	<i>BPSS0487-BPSS0513</i>	27	Putrescine transport

9	II	741167..793922	BPSS0543-BPSS0584	42	Branched chain amino acid transport, Secondary metabolism
10	II	860908..907661	BPSS0632-BPSS0669	38	Genomic Island 14, with taurine metabolism
11	II	1225818..1242532	BPSS0930-BPSS0941	12	Hypothetical proteins
12	II	1276246..1293597	BPSS0965-BPSS0975	11	Inorganic ion transport
13	II	1534949..1544994	BPSS1148-BPSS1158	11	Anaerobic respiration
14	II	1547281..1597122	BPSS1160-BPSS1188	29	Secondary metabolism
15	II	1652274..1668451	BPSS1223-BPSS1234	12	Hypothetical proteins
16	II	1770676..1803152	BPSS1293-BPSS1315	23	Transport/binding proteins, Secondary metabolism
17	II	2024500..2091317	BPSS1485-BPSS1537	53	TTSS3, T6SS-type 5
18	II	2132026..2180028	BPSS1571-BPSS1602	32	Taurine metabolism, Type IV Pili cluster, Polysaccharide metabolism
19	II	2192963..2208536	BPSS1619-BPSS1631	13	type III secretion system (TTSS2)
20	II	2387847..2405537	BPSS1740-BPSS1753	14	Cell envelope
21	II	2422609..2438473	BPSS1768-BPSS1778	11	Hypothetical proteins
22	II	2594104..2618746	BPSS1915-BPSS1935	21	Hypothetical proteins, Cell envelope
23	II	2929703..3027061	BPSS2167-BPSS2252	86	Type IV Pili cluster, Lipo polysaccharide metabolism
24	II	3090045..3127438	BPSS2297-BPSS2323	27	Cell envelope

* Genomic loci having >=10 genes are listed

Table S11:Nucleotide frequency of recombined (R) and non-recombined (NR) regions of chromosome 1 (Chr I) and chromosome 2 (Chr II)

		Chr I-RECOMBINED	Chr I-NONRECOMBINED	Chr II-RECOMBINED	Chr II-NONRECOMBINED
Adenine	(A)	0.157257167	0.16893697	0.157342968	0.162265039
Cytosine	(C)	0.342939557	0.330171628	0.344927343	0.338137783
Guanine	(G)	0.340748708	0.330250825	0.341369466	0.338400297
Thymine	(T)	0.159054569	0.170640578	0.156360223	0.161196881
Total length (bp)		2938130	1136412	2731123	441882

Table S12: Assessment of Functional Selection in Regions of Generalized Recombination

COG functional group	#recombined genes	Total non recombined genes	% category of recombined genes	% category in all non recombined genes	p-value	multiple testing correction	Recombined genes	All non recombined genes
Amino acid transport and metabolism	148	288	8.49	9.56	0.08	1*	1744	3011
Carbohydrate transport and metabolism	92	130	5.28	4.32	0.08	1*		
Cell cycle control, mitosis and meiosis	11	26	0.63	0.86	0.37	1*		
Cell motility	26	37	1.49	1.23	0.33	1*		
Cell wall/membrane biogenesis	98	180	5.62	5.98	0.45	1*		
Coenzyme transport and metabolism	56	119	3.21	3.95	0.09	1*		
Defense mechanisms	14	48	0.8	1.59	0	0.09		
Energy production and conversion	101	195	5.79	6.48	0.19	1*		
Function unknown	198	287	11.35	9.53	0.02	0.42		
General function prediction only	310	469	17.78	15.58	0.03	0.61		
Inorganic ion transport and metabolism	89	146	5.1	4.85	0.74	1*		
Intracellular trafficking and secretion	54	125	3.1	4.15	0.02	0.34		
Lipid transport and metabolism	55	123	3.15	4.09	0.04	0.71		
Nucleotide transport and metabolism	25	60	1.43	1.99	0.09	1*		
Posttranslational modification, protein turnover, chaperones	47	120	2.69	3.99	0	0.06		
Replication, recombination and repair	58	118	3.33	3.92	0.18	1*		
Secondary metabolites biosynthesis, transport and catabolism	66	100	3.78	3.32	0.35	1*		
Signal transduction mechanisms	66	119	3.78	3.95	0.67	1*		
Transcription	153	209	8.77	6.94	0.01	0.13		
Translation	77	112	4.42	3.72	0.17	1*		

*p value capped at 1, binomial test

Table S13a: Bacterial strains and plasmids

Strain	Description	Phenotype	Source or Reference
<i>E. coli</i> K12 MG1655	Laboratory strain	M ⁻ R ⁻	New England Biolabs
SLC-621	<i>E. coli</i> MG1655 with pSLC-279	M ⁺ R ⁻	This study
SLC-623	<i>E. coli</i> MG1655 with pSLC-279 and pSLC-280	M ⁺ R ⁺	This study
Plasmid	Description		Source or Reference
pACYC184	<i>E. coli</i> cloning vector, low copy; Cm ^R	-	New England Biolabs
pSLC-277	pACYC184 bearing one Clade33 <i>B. pseudomallei</i> TypeI recognition site; Cm ^R	-	This study
pSLC-278	pACYC184 bearing two Clade33 <i>B. pseudomallei</i> TypeI recognition sites; Cm ^R	-	This study
pSLC-279	pJ401 (T5 expression vector, high copy) bearing <i>bpshsdS2</i> and <i>bpshsdM2</i> ; Km ^R	-	DNA 2.0
pSLC-280	pJ424 (T5 expression vector, low copy) bearing <i>bpshsdR2</i> ; Ap ^R	-	DNA 2.0

Table S13b: List of Primers

Primer	Sequence
Bp33 TI2 S1 +382	5'-ATTGCAGCGGCCGCGTCATACGCGTGGATTTATTTATTCTGCGAAGTG-3'
S1 pACYC184 -387	5'-AGCTATGCGGCCGCATAAATCCTGGTGTCCCTGTTGATACC-3'
Bp33 TI2 S2 +1881	5'-ATTGCACTCGAGGTCATACGCGTGGCCGGACGCATCGTGGCCGGCATCA-3'
S2 pACYC184 -1881	5'-AGCTATCTCGAGCGTAGAGGATCCACAGGACGGGTGTGG-3'

Section 2

Supplemental Figure/Table Legends

Figure S1. MLST analysis

A) eburst analysis of Bp strains. Multi-locus sequence typing (MLST) classified the strains into 22 sequence types (ST). Supporting their close phylogenetic relationships, 20 STs belonged to clonal complex CC48.

B) Emergence of novel STs

Figure S2. Genome wide haplotype map of Bp Chromosomes I and II. A) depicts Chromosome I and B) depicts Chromosome II. For both chromosomes, the top panel depicts the recombination frequencies of haplotypes across the chromosome. Red columns across the x-axis represent the estimated frequencies of recombination events at different genomic locations. Under the recombination frequency graphs, each row represents an individual Bp strain (right y-axis)). Strains were clustered according to their genomic clades and ST classifications (left y-axis, color bars indicating ST51 (blue), ST289 (pink), ST422 (cyan), ST423 (red), ST84 (dark green) and ST46 (light green)). For each genomic location corresponding to a region of recombination (red columns) the different colors represent distinct haplotypes identified by comparing the SNP alleles (described in the Methods section). On the right of A) and B), a specific genomic locus is shown (nitrate reductase cluster for Chr I; *TTSS1* cluster for Chr II) to indicate the different haplotypes (specific linear combinations of SNPs). For each cluster, SNP positions are ordered by genomic coordinate (top: genomic locus, below: genome coordinates), and color-coded according to nucleotide identity (bottom A→ green; T→ blue; C→ orange; and G→ red). Distinct haplotypes are called as H1, H2, H3, H4 and H5.

Figure S3. Sequence divergence test for ongoing recombination within clades

A) Schematic representation of a genomic locus where each row represents an individual strain (S1 to S10) and red bars show the presence of SNPs. The identified recombination events (R_1 to R_5) are indicated by black boxes and non recombined regions are shown as NR_1 to NR_3 .

B) The observed SNP diversity for each recombined region (R_1 , R_4 and R_5) was computed by taking the median of length adjusted pairwise SNP counts across the individual regions for strains S1-S4, in which the recombination event is observed. For recombination event R_3 which is observed in strains S1-S5, SNP diversity values were computed across S1-S5.

The expected SNP diversity across S1 to S4 was computed separately, by taking the median of length adjusted pairwise SNP count across NR regions in strains exhibiting the recombination event, and compared against R_1 , R_4 and R_5 diversity values. For R_3 , the expected SNP diversity was computed by considering strains S1-S5.

Figure S4. Inter-clade and Intra-clade diversity comparisons. The box plots depict the average pair-wise nucleotide sequence divergences of genes in non-recombined (NR) and recombined (R) regions. Inter-clade (between clade) and intra-clade (within clade) diversities are shown in red and blue respectively. At the gene level, the inter-clade diversity was estimated across multiple clades and the intra-clade diversity was restricted to within any individual clade. Results are shown for Clade A. Non-recombined genes were taken from those regions of the Bp genome predicted not to have undergone any recombination in any of the Bp strains. Recombined genes were taken from regions affected by within clade recombination. We found that recombination has opposite effects on within- and between-clade divergence; genes in recombined regions had higher between-clade diversity compared with genes in non-recombined regions but much lower within-clade diversity. Sequence diversity is defined as the number of SNPs per kb.

Figure S5. Circular map of plasmid pBp35. Graphical representations show the protein coding genes (red), predicted promoter (green), predicted termination sites (yellow). Sequence analysis shows that

pBp35 is a circular plasmid with a GC-content of 58%. It encodes 16 open reading frames (ORFs), with an average ORF length of ~178 bp. It has both replication initiation proteins (*repB*) and chromosome partition proteins (*parA*). This plasmid also encodes a *XRE* family transcriptional regulator, a tyrosine recombinase protein (*xerC/D*), a nucleotide-binding protein containing TIR-like domain, and a hydrolase of the HAD-super family. Annotation revealed a lack of known virulence-related genes, but found evidence for unique genes promoting recombination and stress response.

Figure S6. Recombination across ST51 and ST84. The whole genome haploypes are depicted on the x and y axes respectively using chromosome I and II forward strand. Examples of regions from Bp P171/04 similar to ST51 are highlighted using the boxes. Genomic synteny of ST51 and ST84 haplotype consensus (left) and ST51 haplotype consensus and Bp strain P171/04 haplotype (right).

Table S1.	Bp strain collection and description
Table S2.	Genome coverage and assemblies
Table S3.	List of 342 distinct L-SNPs segregating ST51
Table S4.	a) Distribution of L-SNPS across Bp Chr I and Chr II b) Distribution of L-SNPS across genic and intergenic regions
Table S5.	List of L-SNPs within Bp core genome (Chr I and Chr II)
Table S6.	Genomic clade-specific recombination and mutation analysis. Values in square brackets are 95% credibility intervals. ¹ theta is the mutation rate, ² rho is the recombination rate, ³ nu is the average amount of polymorphisms per site introduced by recombination events, ⁴ delta is the average length of recombination events and ⁵ r/m = rho*nu*delta/theta
Table S7.	Recombination flux analysis. Numbers in tables correspond to the percentage of the genome found to be recombined. Each recombination event is weighted according to the proportion of strains affected in a clade and also to the size of recombined fragment compared to the length of the alignment. For example, on average 4.63% of the genomes in clade A has originated from clade B.
Table S8.	Functional enrichment of genes experiencing high recombination
Table S9.	Recombination events associated with haplotypes at <i>TFP8</i> locus
Table S10.	Genomic loci associated with multiple SNP haplotypes (≥ 5)
Table S11.	Nucleotide frequency of recombined (R) and non-recombined (NR) regions of chromosome 1 (Chr I) and chromosome 2 (Chr II)
Table S12.	Assessment of Functional Selection in Regions of Generalized Recombination. COG database pathway enrichments were evaluated comparing regions associated with general recombination to non- recombined regions across the genomic clades. We observed no functional enrichments between the two sets (corrected $p > 0.05$, binomial test). We note, however, that while this data suggests general recombination in Bp is not functionally selected, this does not mean that genes experiencing high recombination frequencies are free from selection. Indeed, as shown in Supplemental Table S8, genes experiencing high recombination frequencies are significantly enriched in intracellular trafficking and secretion pathways (corrected $p=0.0006$, binomial test) while genes involved in protein translation were underrepresented (corrected $p=0.012$, binomial test).
Table S13.	a) Bacterial strains and plasmids b) List of Primers

Section 3

Supplemental Methods, Supplemental Text, and Supplemental References

Supplemental Methods

E. coli experiments

For *E. coli* experiments, plasmids bearing predicted recognition sequences for the Clade A-specific Type I RM system (5'-GTCATN₅TGG-3') were generated by PCR mediated insertion. Primers Bp33 TI2 S1 +382 and S1 pACYC184 -387 were used to insert one copy of the recognition site into template plasmid pACYC184 to yield plasmid pSLC-277. Similarly, primers Bp33 TI2 S2 +1881 and S2 pACYC184-1881 were used to introduce a second recognition site 1.5 kbp away from the first site, yielding plasmid pSLC-278. Gene sequences encoding the Bp33 Type I Restriction Modification system proteins ('specificity' *bpsHsdS2*, 'methylase' *bpsHsdM2* and 'restriction endonuclease' *bpsHsdR2*) were codon optimized for expression in *E. coli*, custom synthesized, and cloned into expression vectors driven by a T5 inducible promoter (DNA2.0, California, USA). Genes *bpsHsdS2* and *bpsHsdM2* were cloned into vector pJ401 (kanamycin resistant, high copy number) to give plasmid pSLC-279; *bpsHsdR2* was cloned into vector pJ424 (ampicillin resistant, low copy number) to give plasmid pSLC-280. All plasmids were propagated in *E. coli* strain K12 MG1655 and extracted using the QiaQuick miniprep kit (Qiagen, Singapore). *E. coli* strains were grown at 37°C in Luria-Bertani (LB) broth or on LB plates, supplemented where appropriate with ampicillin (Ap) 100µg/ml, kanamycin (Km) 50µg/ml, or chloramphenicol (Cm) 20µg/ml. Bacterial strains, plasmids and primers are listed in Supplemental Table S13.

Construction of isogenic *TFP8* mutant strain

Isogenic Bp mutants carrying a 12.9 kb deletion *TFP8* were generated in a two-step process as previously described (Essex-Lopresti et al. 2005; Boddey et al. 2006). Briefly, a deletion plasmid to target *TFP8* for allelic exchange (deleting genomic coordinate Chr II: 2953361-2966311) was constructed using pDM4 and conjugated into Bp K96243. Merodiploid integrants were selected on chloramphenicol plates (100 µg/ml) and confirmed by PCR. Integrants were then cultured without selection to promote plasmid excision and plated onto medium lacking sodium chloride but containing 15% sucrose to select for colonies lacking the plasmid. Colonies carrying a deleted chromosomal *TFP8* locus were identified by PCR and confirmed by Southern blotting.

SMRT sequencing

To construct 17 kb SMRTbell™ libraries, gDNAs were first analyzed using Field Inversion Gel Electrophoresis (FIGE) to ensure presence of high molecular weight DNA. For each strain, 20 µg of gDNA was sheared using g-TUBEs (Covaris, Inc, Woburn, Massachusetts, USA), and 10 µg subsequently treated to repair apurinic/apyrimidinic sites, thymine dimers, nicks and gaps. Ends of double stranded fragments were polished to fill in 5' overhangs and to remove 3' overhangs, and then phosphorylated to enable ligation with hairpin adapters as described in DNA Template Prep Kit 2.0 (3kb-10kb) (Pacific Biosciences, Menlo Park, CA, USA). The library was run on a BluePippin™ system (Sage Science, Inc., Beverly, MA., USA) to select for SMRTbell templates greater than 10 kb. Resulting average insert sizes were 17 kb based on 2100 Bioanalyzer analysis (Agilent Technologies Genomics, Santa Clara, CA., USA). After size selection, sequencing primers were annealed to the hairpins of the SMRTbell templates followed

by binding with P4 sequencing polymerase (Pacific Biosciences, Menlo Park, CA, USA). To sequence the 17 kb SMRTbell library, polymerase-bound templates were bound to MagBeads and loaded onto a PacBio RSII System at an on-plate concentration of 150 pM. Templates were subsequently sequenced using DNA Sequencing Kit 2.0, with data collection of 180 mins (Pacific Biosciences, Menlo Park, CA, USA).

Genome Assembly and Base Modification Analysis

Genomes were assembled using HGAP (Chin et al. 2013) with default parameters in SMRT Analysis Suite version 2.1 (Pacific Biosciences, Menlo Park, CA, USA). Additional manual assembly of contigs was carried out in cases of unique overlapping sequence. Consensus sequence polishing was done with using the Quiver algorithm in Genomic Consensus version 0.7.0. Base modification analysis was performed by mapping SMRT sequencing reads to the respective assemblies using the BLASR mapper and SMRT Analysis Suite version 2.1 using standard mapping protocols. To identify modified positions, the pipeline compares kinetic signals acquired during SMRT sequencing to an *in silico* kinetic reference, using a t-test based kinetic score detection protocol. Clustering of sequence motifs was performed using Motif Finder (<https://github.com/PacificBiosciences/DevNet/wiki/Motiffinder>).

Restriction-modification assay

Cells were grown to an optical density at 600nm (OD600) of 0.5-0.6 and washed three times with 10% glycerol to obtain electrocompetent cells. Expression of proteins from strains SLC-623 (containing all three proteins of the Type I RM system) and SLC-621 (carrying only the specificity and methylase) was induced at OD600=0.2 with 1mM Isopropyl β -D-1 thiogalactopyranoside (IPTG) at 30°C for 3 hours with shaking. After induction, cells were made electrocompetent by washing with 10% glycerol as above. Plasmids with Type I recognition sites were methylated by transformation into SLC-621, selecting transformants and induction of protein expression with 1mM IPTG as described above; followed by plasmid extraction. Plasmids bearing unmethylated Type I recognition sites were obtained from overnight cultures of *E. coli* MG1655.

Electroporation was performed using the Gene Pulser Xcell Electroporation System (Biorad, Singapore). For each transformation, 100ng of plasmid DNA was mixed with 50uL of competent cells in a 1mm electroporation cuvette. Electroporation was performed at 1.7 kV, 25 μ F, and 400 ohms. Cells were then recovered in 1ml of pre-warmed LB at 37°C for 1 hour. After recovery all transformations were titered on LB as well as LB + Cm plates and grown at 37°C overnight. Titres (in units of colony forming units per ml, cfu/ml) on LB + Cm plates for each transformation were divided by the corresponding titres from LB plates, yielding the efficiency of transformation (EOT). The EOT values were log transformed and plotted for analysis of RM system restriction activity. EOT differences from triplicate experiments were identified using a 2-tailed Student's t-test with a p-value < 0.05.

Supplemental Text

Sequence divergence test for ongoing recombination within clades

We hypothesized that there is ongoing recombination in Bp preferentially occurring among strains within the same clade. We tested this possibility using the strategy depicted in Supplemental Figure 3. In this analysis, all the comparisons performed are confined to within-clade situations.

To test for ongoing recombination, we first calculated the average nucleotide sequence divergence for recombined and non-recombined regions within a given clade. As shown in Supplemental Figure 3A), recombined regions in a given clade were taken from genome wide predictions, and are denoted by R_1 , R_2 , R_3 , etc. Non-recombined regions were taken from core genome sequences from which all predicted recombining regions from all clades were excluded; the exclusion of recombining regions from all clades was done to create a conservative set of non-recombining sequences. These non-recombined regions are denoted by NR_1 , NR_2 , NR_3 , etc.

For each clade, as shown in Supplemental Figure 3B), we calculated the average pairwise nucleotide sequence divergence for all individual recombination regions (R_1 or R_2 or R_3 , etc) using strains affected by that recombination event. These correspond to the recombined sequence divergence values plotted on the x-axis in Fig. 4B of the Main Text. Each recombination value was then compared to the average pairwise sequence divergence of the non-recombined regions in the same strains, derived from the union of NR_1 , NR_2 , NR_3 , etc. These correspond to the non-recombined sequence divergence values plotted on the y-axis in Fig. 4B of the Main Text. Note that in this analysis, there are distinct “recombined sequence divergence values” for each individual R_1 , R_2 , R_3 , etc. which are then compared against pooled “non-recombined sequence divergence values” derived from summarizing all of the NR_1 , NR_2 , NR_3 diversity values pertinent to those affected strains. Each point in Fig. 4B thus represents one recombined sequence divergence value plotted against the non-recombined sequence divergence value of the same set of strains, and the total number of points corresponds to pooled data from all within-clade recombinations involving at least 3 strains. Because the same sets of strains can exhibit multiple different recombination events, there are more distinct recombined values (individual regions) compared to non-recombined values (pooled). We considered pooling the recombined values, but this was impractical because each R_1 , R_2 , R_3 , etc. could encompass different sets of strains. We also considered not pooling the NR regions; however, this resulted in a complex problem of which NR region to compare with each R region, as the sizes of the R regions, NR regions, and the distance between them was highly variable (NR regions are not necessarily adjacent to R regions because NR regions are those in which no recombination has occurred in any of the strains, while the R regions are only those found within a set of strains that are in the same clade). We confirmed that the pooled NR values all lie within the theoretical spread of median ± 1 MAD, indicating that they can be taken as an unbiased true representation of the intra clade population diversity.

Supplemental References

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