

Genotypes for the top 10 inbred strains across 377 SNP loci
SNPs highlighted in green were chosen for optimal information on the C57BL/J6 strain

Name	GenomeBuild	Chr	Position	MAF	MAF (-C57BL/J6)	C57BL/6J	NOD/LtJ	129S1/SvlmJ	CBA/J	AKR/J	FVB/NJ	C3H/HeJ	BALB/cJ	DBA/2J	SJL/J
rs13475706	34	1	5868580	0.30	0.33	AA	AA	AA	AA	AA	BB	AA	BB	BB	AA
rs6259073	34	1	11132482	0.50	0.44	BB	BB	AA	BB	AA	AA	BB	AA	BB	AA
rs3658044	34	1	19509459	0.50	0.44	BB	AA	BB	AA	BB	AA	AA	AA	BB	BB
rs13475783	34	1	28563008	0.20	0.11	BB	AA	BB	AA	AA	AA	AA	AA	AA	AA
rs13475788	34	1	30023083	0.50	0.44	AA	BB	AA	BB	AA	BB	BB	AA	BB	AA
gnf01.037.906	34	1	41393454	0.50	0.44	BB	AA	AA	AA	BB	AA	BB	BB	AA	BB
CEL-1_49807741	34	1	49738936	0.10	0.00	BB	AA	AA	AA	AA	AA	AA	AA	AA	AA
rs13475870	34	1	52087242	0.44	0.44	AA	AA	AA	BB	AA	BB	BB	AA	BB	NN
rs6206420	34	1	59525628	0.40	0.44	AA	BB	BB	AA	AA	AA	AA	BB	AA	BB
rs13475909	34	1	69004522	0.20	0.11	BB	AA	AA	BB	AA	AA	AA	AA	AA	AA
rs6356603	34	1	75206296	0.40	0.44	AA	BB	AA	AA	BB	AA	BB	AA	BB	AA
mCV24115911	34	1	76818925	0.30	0.33	BB	BB	BB	BB	BB	AA	AA	AA	BB	BB
gnf01.085.746	34	1	85587957	0.30	0.33	AA	AA	BB	AA	AA	BB	BB	AA	AA	AA
rs6157345	34	1	95391235	0.40	0.44	AA	BB	BB	AA	BB	AA	AA	AA	BB	AA
rs13476024	34	1	103433256	0.20	0.11	AA	BB	BB	BB	AA	BB	BB	BB	BB	BB
rs3664662	34	1	104439347	0.40	0.44	BB	BB	BB	AA	BB	AA	AA	AA	BB	BB
rs13476036	34	1	106799563	0.40	0.44	AA	BB	BB	AA	AA	AA	AA	AA	BB	BB
rs6408002	34	1	115468125	0.40	0.33	BB	AA	BB	AA	AA	BB	AA	BB	AA	AA
rs13476098	34	1	126403055	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
rs6354736	34	1	128173009	0.50	0.44	AA	AA	BB	AA	BB	BB	AA	BB	BB	AA
rs6250257	34	1	137491043	0.40	0.44	AA	BB	AA	BB	AA	BB	BB	AA	AA	AA
rs13476137	34	1	139078762	0.50	0.44	BB	BB	BB	AA	BB	AA	AA	BB	AA	AA
rs13476148	34	1	142843414	0.10	0.00	BB	AA	AA	AA	AA	AA	AA	AA	AA	AA
rs13476177	34	1	150480645	0.50	0.44	AA	AA	BB	AA	BB	BB	AA	AA	BB	BB
rs3677638	34	1	156366854	0.40	0.33	AA	AA	AA	BB	BB	BB	BB	BB	BB	AA
rs3685643	34	1	162155133	0.50	0.44	AA	AA	BB	BB	AA	AA	BB	BB	BB	AA
rs3707322	34	1	164310043	0.11	0.11	BB	BB	AA	BB	BB	BB	BB	BB	NN	BB
rs13476248	34	1	174084084	0.40	0.44	BB	BB	BB	AA	AA	AA	BB	BB	AA	BB
rs13476259	34	1	177202890	0.40	0.44	AA	BB	BB	AA	AA	AA	BB	BB	AA	AA
mCV22849619	34	1	186392359	0.40	0.33	AA	AA	BB	BB	BB	AA	BB	BB	BB	AA
rs3689947	34	1	192240760	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
gnf02.001.197	34	2	4165935	0.40	0.33	AA	BB	BB	AA	BB	BB	AA	BB	AA	BB
rs13476331	34	2	6018359	0.40	0.33	BB	BB	AA	AA	BB	AA	AA	AA	AA	BB
rs6165425	34	2	20800654	0.40	0.44	AA	AA	AA	AA	BB	BB	AA	AA	BB	BB
CEL-2_23847726	34	2	23819866	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
mCV23209429	34	2	31212156	0.40	0.44	BB	AA	BB	BB	AA	AA	BB	BB	AA	BB
rs6295520	34	2	43006899	0.50	0.44	BB	BB	AA	AA	AA	BB	AA	BB	AA	BB
rs13476490	34	2	50722029	0.50	0.44	BB	AA	BB	AA	AA	BB	AA	BB	AA	BB
rs13476507	34	2	54738134	0.20	0.11	AA	BB	BB	BB	BB	BB	BB	AA	BB	BB
rs13476540	34	2	63428253	0.50	0.44	BB	AA	AA	BB	BB	AA	BB	BB	AA	AA
rs13476554	34	2	67097663	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
rs6371268	34	2	68844447	0.40	0.44	AA	BB	BB	AA	BB	BB	AA	AA	AA	AA
rs13476573	34	2	72992803	0.40	0.33	AA	AA	AA	BB	BB	BB	BB	BB	BB	AA
CEL-2_79237503	34	2	79041193	0.50	0.44	BB	BB	BB	AA	AA	BB	AA	AA	AA	BB
rs3674264	34	2	94776594	0.50	0.44	AA	BB	BB	BB	AA	AA	AA	BB	BB	AA
CEL-2_98216543	34	2	98027242	0.40	0.33	BB	AA	BB	AA	AA	BB	AA	AA	AA	BB
rs3658729	34	2	103896262	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
rs13476681	34	2	105002658	0.40	0.33	AA	AA	AA	BB	BB	BB	BB	BB	BB	AA
rs4223428	34	2	120010161	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
rs8251635	34	2	124815741	0.50	0.44	AA	AA	BB	AA	BB	BB	AA	BB	AA	BB
rs13476760	34	2	126655395	0.40	0.44	AA	AA	AA	BB	AA	AA	BB	BB	BB	AA
rs3655895	34	2	143990314	0.30	0.33	AA	AA	BB	AA	AA	BB	AA	AA	BB	AA

rs3696870	34	2	147108900	0.40	0.44	BB	BB	BB	AA	BB	BB	AA	AA	AA	BB
rs13476832	34	2	149192410	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
rs6376291	34	2	153598222	0.30	0.33	AA	BB	BB	AA	AA	AA	AA	AA	AA	AA
rs6193859	34	2	157087581	0.44	0.33	BB	AA	BB	AA	BB	AA	AA	AA	AA	AA
rs13476892	34	2	164853017	0.40	0.33	AA	BB	BB	BB	BB	AA	AA	BB	AA	BB
rs3712766	34	2	165466946	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
rs13476913	34	2	170097141	0.30	0.33	BB	AA	BB	BB	BB	AA	BB	BB	BB	AA
rs13476950	34	3	3750239	0.50	0.44	BB	BB	BB	AA	AA	BB	AA	AA	AA	BB
rs13476973	34	3	11016045	0.50	0.44	BB	BB	AA	BB	AA	AA	BB	BB	AA	AA
rs13476985	34	3	14903714	0.40	0.33	BB	BB	BB	AA	BB	AA	AA	AA	AA	AA
rs13477019	34	3	23242284	0.10	0.00	BB	AA	AA	AA	AA	AA	AA	AA	AA	AA
rs3660588	34	3	29740293	0.40	0.33	AA	BB	AA	BB	AA	BB	BB	BB	AA	BB
rs13477048	34	3	32494445	0.50	0.44	AA	AA	BB	BB	AA	BB	BB	AA	AA	BB
rs6371982	34	3	33582821	0.40	0.44	AA	AA	BB	BB	AA	AA	BB	AA	AA	BB
rs3724545	34	3	50343997	0.20	0.11	BB	AA	BB	AA	AA	AA	AA	AA	AA	AA
rs13477127	34	3	56588022	0.50	0.44	AA	BB	AA	AA	BB	BB	AA	AA	BB	BB
rs3691114	34	3	59504190	0.50	0.44	AA	AA	BB	BB	AA	BB	BB	BB	AA	AA
rs6239288	34	3	60189410	0.40	0.33	AA	BB	BB	BB	AA	BB	BB	BB	AA	AA
rs3683507	34	3	78929032	0.10	0.00	BB	AA	AA	AA	AA	AA	AA	AA	AA	AA
rs13477223	34	3	80590755	0.50	0.44	AA	AA	BB	BB	AA	BB	BB	AA	AA	BB
rs3688780	34	3	86117095	0.40	0.33	AA	AA	BB	BB	BB	AA	BB	BB	BB	AA
rs4138858	34	3	87387612	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
mCV24984125	34	3	90469083	0.40	0.44	AA	BB	BB	AA	AA	AA	AA	BB	BB	AA
rs13477334	34	3	115672350	0.40	0.44	BB	AA	BB	AA	BB	BB	AA	AA	BB	BB
rs3709137	34	3	115767438	0.00	0.00	NN	AA	AA	AA	AA	AA	AA	AA	AA	AA
rs13477365	34	3	117633058	0.50	0.44	AA	BB	BB	AA	BB	BB	AA	AA	AA	BB
mCV23483645	34	3	122165775	0.40	0.44	BB	BB	BB	AA	BB	BB	AA	AA	AA	BB
rs13477425	34	3	133815298	0.50	0.44	AA	BB	BB	AA	AA	BB	AA	AA	BB	BB
rs3657112	34	3	147344476	0.30	0.22	BB	BB	AA	AA	AA	AA	AA	AA	BB	AA
rs3724562	34	3	150313284	0.10	0.00	BB	AA	AA	AA	AA	AA	AA	AA	AA	AA
rs13477504	34	3	153324967	0.30	0.33	BB	BB	BB	BB	BB	BB	AA	AA	AA	BB
gnf04.002.008	34	4	5013576	0.30	0.33	AA	AA	AA	BB	AA	AA	BB	AA	BB	AA
rs13477549	34	4	8730860	0.20	0.11	AA	AA	BB	BB	BB	BB	BB	BB	BB	BB
rs6403469	34	4	11634134	0.20	0.22	BB	AA	BB	BB	BB	AA	BB	BB	BB	BB
rs3653593	34	4	23027758	0.10	0.00	BB	AA	AA	AA	AA	AA	AA	AA	AA	AA
rs13477617	34	4	27094704	0.44	0.33	AA	BB	BB	AA	BB	BB	AA	BB	AA	NN
rs4138630	34	4	41795876	0.40	0.33	BB	BB	BB	AA	BB	AA	AA	AA	AA	AA
rs13477669	34	4	46558744	0.33	0.33	BB	BB	AA	BB	BB	BB	AA	AA	BB	NN
rs3657529	34	4	54580341	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
rs6239799	34	4	56440634	0.40	0.33	AA	AA	BB	BB	BB	AA	BB	BB	BB	AA
rs6374954	34	4	62466988	0.40	0.33	BB	AA	AA	AA	AA	AA	BB	BB	BB	AA
rs6328956	34	4	62989217	0.40	0.33	BB	AA	BB	AA	AA	AA	BB	BB	AA	AA
rs13477759	34	4	68368340	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
rs3708061	34	4	80303417	0.30	0.33	AA	AA	BB	AA	AA	AA	AA	BB	BB	AA
rs13477811	34	4	83096176	0.30	0.33	AA	AA	AA	AA	AA	BB	AA	BB	BB	AA
rs13477831	34	4	87937922	0.50	0.44	AA	BB	BB	AA	BB	AA	AA	AA	BB	BB
rs3705454	34	4	97924301	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
rs3723703	34	4	102270876	0.40	0.33	AA	BB	AA	BB	BB	BB	BB	BB	AA	AA
rs6365760	34	4	118140012	0.30	0.22	AA	BB	BB	BB	AA	BB	BB	BB	AA	BB
rs3688968	34	4	118743852	0.40	0.33	AA	AA	BB	BB	AA	AA	BB	BB	BB	BB
rs3714811	34	4	123235033	0.10	0.00	BB	AA	AA	AA	AA	AA	AA	AA	AA	AA
rs13477978	34	4	128980645	0.50	0.44	BB	BB	BB	AA	AA	BB	AA	AA	AA	BB
rs6386918	34	4	138649103	0.30	0.22	AA	AA	AA	BB	BB	BB	BB	BB	BB	BB
rs3023025	34	4	142097666	0.50	0.44	AA	BB	BB	AA	AA	BB	AA	AA	BB	BB
rs13478069	34	4	153994938	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
CEL-5_4604586	34	5	4603873	0.00	0.00	NN	NN	BB	BB	NN	NN	BB	BB	BB	NN
rs3706626	34	5	23585522	0.50	0.44	AA	BB	AA	BB	BB	AA	BB	AA	BB	AA

CEL-5_24211033	34	5	24268130	0.30	0.33	BB	AA	AA	BB	BB	BB	BB	BB	AA	BB
rs6159963	34	5	26867206	0.20	0.11	AA	BB	BB	BB	BB	BB	BB	BB	AA	BB
rs3658401	34	5	31806352	0.40	0.33	AA	AA	AA	BB	BB	BB	BB	BB	AA	BB
rs13478188	34	5	35514182	0.40	0.33	BB	AA	AA	AA	AA	BB	AA	AA	BB	BB
rs6256504	34	5	38515920	0.50	0.44	AA	BB	BB	AA	AA	BB	AA	AA	BB	BB
rs13478222	34	5	43730179	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
rs6354160	34	5	60311861	0.50	0.44	AA	BB	AA	AA	AA	AA	BB	BB	BB	BB
rs4225252	34	5	65427219	0.30	0.22	BB	AA	BB	AA	AA	BB	AA	AA	AA	AA
gnf05_069.163	34	5	73713675	0.40	0.33	BB	BB	BB	AA	BB	AA	AA	AA	AA	AA
CEL-5_79059370	34	5	79540758	0.10	0.00	BB	AA	AA	AA	AA	AA	AA	AA	AA	AA
CEL-5_93652588	34	5	95358813	0.20	0.11	BB	AA	BB	AA	AA	AA	AA	AA	AA	AA
rs3726547	34	5	107460874	0.40	0.33	AA	AA	BB	BB	BB	BB	BB	AA	AA	BB
rs3663141	34	5	115883753	0.50	0.44	AA	AA	BB	AA	BB	AA	AA	BB	BB	BB
rs3662161	34	5	116588243	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
gnf05_120.578	34	5	125727163	0.40	0.33	BB	BB	AA	AA	AA	AA	AA	BB	AA	BB
rs13478557	34	5	138492227	0.40	0.44	BB	BB	AA	AA	BB	BB	AA	BB	AA	BB
UT_5_143.236614	34	5	143598157	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
rs13478578	34	5	144256965	0.30	0.33	AA	AA	AA	AA	AA	AA	BB	BB	BB	AA
rs3699833	34	6	6408535	0.40	0.33	AA	AA	BB	BB	AA	BB	BB	BB	AA	BB
rs13478617	34	6	7988777	0.40	0.44	AA	BB	AA	AA	BB	BB	AA	AA	BB	AA
rs13478621	34	6	9148885	0.30	0.33	AA	BB	BB	AA	AA	AA	AA	AA	BB	AA
gnf06_026.418	34	6	29458050	0.20	0.11	BB	AA	AA	AA	AA	AA	AA	AA	AA	BB
rs13478717	34	6	37824286	0.40	0.33	BB	AA	BB	AA	BB	AA	AA	BB	AA	AA
rs13478728	34	6	44360860	0.40	0.44	BB	BB	AA	AA	BB	BB	AA	BB	AA	BB
rs13478729	34	6	44737296	0.40	0.44	BB	BB	AA	AA	BB	BB	AA	BB	AA	BB
CEL-6_57082524	34	6	57267712	0.10	0.00	BB	AA	AA	AA	AA	AA	AA	AA	AA	AA
rs3672029	34	6	75738413	0.50	0.44	BB	BB	AA	AA	BB	AA	AA	BB	AA	BB
rs3706039	34	6	77451938	0.30	0.22	BB	AA	BB	AA	AA	AA	AA	BB	AA	AA
rs6181382	34	6	81785110	0.50	0.44	AA	BB	AA	AA	BB	BB	AA	BB	AA	BB
rs6268125	34	6	87315676	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
rs13478909	34	6	95845323	0.50	0.44	AA	BB	AA	AA	AA	BB	AA	BB	BB	BB
rs13478952	34	6	106798840	0.50	0.44	BB	BB	BB	AA	AA	BB	AA	AA	AA	BB
rs13478995	34	6	117906320	0.10	0.00	BB	AA	AA	AA	AA	AA	AA	AA	AA	AA
rs3152403	34	6	121010782	0.40	0.33	BB	AA	AA	AA	AA	BB	AA	AA	BB	BB
rs3704289	34	6	132793328	0.50	0.44	BB	BB	BB	AA	AA	BB	AA	AA	AA	BB
rs13479082	34	6	144882997	0.40	0.44	BB	AA	AA	BB	BB	AA	BB	AA	BB	BB
rs6387265	34	6	146678290	0.20	0.11	AA	BB	BB	AA	BB	BB	BB	BB	BB	BB
mCV25220583	34	7	24431990	0.30	0.33	BB	BB	AA	BB	BB	AA	BB	AA	BB	BB
rs3720735	34	7	31946859	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
rs3670807	34	7	34531081	0.30	0.22	BB	AA	AA	AA	AA	AA	AA	BB	BB	AA
rs3719256	34	7	38614565	0.20	0.11	AA	BB	BB	BB	BB	BB	BB	AA	BB	BB
rs6228386	34	7	38966418	0.40	0.33	AA	AA	BB	BB	AA	AA	BB	BB	BB	BB
rs3696018	34	7	51376698	0.20	0.11	AA	BB	BB	BB	BB	BB	BB	BB	BB	AA
rs6160140	34	7	60165513	0.30	0.22	BB	AA	AA	AA	AA	BB	AA	BB	AA	AA
rs13479325	34	7	65183148	0.40	0.33	BB	BB	AA	AA	AA	BB	AA	AA	BB	AA
rs3677657	34	7	68526457	0.50	0.44	BB	BB	AA	AA	BB	AA	BB	AA	BB	BB
rs13479392	34	7	82676708	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
rs6279696	34	7	87732301	0.50	0.44	AA	BB	AA	AA	BB	BB	AA	BB	AA	BB
rs13479451	34	7	101318177	0.50	0.44	AA	BB	BB	BB	AA	AA	BB	AA	BB	AA
rs3708100	34	7	105859812	0.10	0.00	BB	AA	AA	AA	AA	AA	AA	AA	AA	AA
rs3724711	34	7	107901102	0.50	0.44	BB	AA	AA	BB	AA	BB	BB	AA	BB	AA
mCV24269234	34	7	113831037	0.40	0.44	BB	BB	BB	AA	BB	BB	AA	AA	AA	BB
rs13479497	34	7	116444568	0.40	0.44	AA	AA	BB	AA	BB	BB	AA	AA	AA	BB
rs13479513	34	7	121157895	0.40	0.44	BB	AA	BB	BB	AA	BB	BB	AA	BB	AA
rs6216320	34	7	139596823	0.10	0.00	BB	AA	AA	AA	AA	AA	AA	AA	AA	AA
rs3724197	34	7_random	21059882	0.40	0.33	BB	AA	AA	AA	BB	AA	AA	BB	AA	BB
rs3675839	34	7_random	29903594	0.30	0.22	BB	BB	AA	AA	AA	BB	AA	AA	AA	AA

rs6273176	34	8	7213132	0.50	0.44	AA	BB	BB	AA	AA	BB	AA	BB	AA	BB
rs13479622	34	8	15612074	0.30	0.22	BB	AA	BB	AA	BB	AA	AA	AA	AA	AA
gnf08.021.719	34	8	21976658	0.40	0.33	AA	BB	BB	BB	AA	BB	AA	BB	AA	BB
rs3704385	34	8	25029708	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
gnf08.026.892	34	8	27181051	0.40	0.33	AA	BB	BB	BB	AA	BB	AA	BB	AA	BB
rs3694068	34	8	33346913	0.40	0.33	AA	AA	AA	AA	BB	BB	AA	BB	BB	BB
rs13479735	34	8	44504462	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
rs13479753	34	8	49516964	0.40	0.44	AA	AA	BB	BB	AA	BB	AA	AA	AA	BB
CEL-8_51076519	34	8	50873778	0.30	0.33	AA	AA	BB	AA	AA	BB	AA	AA	AA	BB
rs3685424	34	8	56802525	0.50	0.44	BB	BB	BB	BB	AA	AA	AA	AA	AA	BB
rs3667255	34	8	63066033	0.50	0.44	AA	AA	AA	BB	BB	AA	AA	BB	BB	AA
rs8253516	34	8	68031588	0.10	0.00	BB	AA	AA	AA	AA	AA	AA	AA	AA	AA
rs6296891	34	8	79197799	0.40	0.44	AA	BB	AA	AA	AA	BB	BB	AA	AA	BB
rs3661882	34	8	95570000	0.50	0.44	BB	BB	AA	AA	BB	BB	AA	AA	AA	BB
gnf08.109.993	34	8	108066304	0.10	0.00	BB	AA	AA	AA	AA	AA	AA	AA	AA	AA
rs13480071	34	9	12385785	0.50	0.44	BB	AA	BB	BB	BB	BB	AA	AA	AA	AA
rs13480073	34	9	13259802	0.40	0.33	BB	AA	BB	BB	AA	BB	AA	AA	AA	AA
rs13480107	34	9	24684695	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
rs3686936	34	9	26719388	0.50	0.44	AA	BB	BB	BB	AA	BB	AA	AA	AA	BB
CEL-9_29909656	34	9	29851373	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
rs3665206	34	9	32759983	0.50	0.44	BB	AA	AA	BB	AA	BB	AA	AA	BB	BB
rs6207781	34	9	37009754	0.30	0.22	AA	AA	BB	BB	BB	AA	BB	BB	BB	BB
CEL-9_49183636	34	9	49097842	0.50	0.44	AA	BB	AA	AA	AA	AA	BB	BB	BB	BB
rs3709825	34	9	49298688	0.30	0.33	AA	AA	AA	AA	AA	AA	BB	BB	BB	AA
rs13480208	34	9	55303955	0.40	0.44	BB	BB	AA	AA	BB	AA	BB	BB	AA	BB
rs3693209	34	9	71787530	0.20	0.11	AA	BB	BB	BB	AA	BB	BB	BB	BB	BB
rs13480313	34	9	84455134	0.40	0.44	AA	BB	BB	AA	AA	AA	BB	BB	AA	AA
rs13480323	34	9	87766766	0.30	0.33	AA	AA	BB	AA	AA	AA	BB	BB	AA	AA
rs13480325	34	9	88222670	0.50	0.44	BB	BB	AA	BB	BB	AA	AA	AA	BB	AA
rs6277880	34	9	88568365	0.20	0.11	BB	AA	AA	BB	AA	AA	AA	AA	AA	AA
rs3088463	34	9	103583830	0.30	0.33	AA	BB	AA	AA	AA	AA	BB	BB	AA	AA
rs3694903	34	9	114078226	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
rs6152427	34	9	114148349	0.30	0.33	BB	BB	BB	BB	BB	AA	AA	AA	BB	BB
CEL-10_3989939	34	10	4145275	0.50	0.44	AA	BB	AA	BB	AA	BB	BB	AA	BB	AA
rs4228126	34	10	14301667	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
rs3696055	34	10	18112781	0.40	0.33	AA	AA	BB	BB	AA	AA	BB	BB	BB	BB
CEL-10_20959105	34	10	21184542	0.50	0.44	BB	AA	AA	BB	BB	AA	BB	AA	BB	AA
rs13459121	34	10	26797504	0.40	0.33	BB	BB	AA	BB	AA	AA	AA	AA	BB	AA
rs6391751	34	10	28480998	0.50	0.44	BB	BB	BB	AA	AA	AA	AA	BB	AA	BB
rs13480570	34	10	31048891	0.50	0.44	AA	BB	AA	BB	AA	AA	AA	BB	BB	BB
rs13480579	34	10	36269131	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
rs13480630	34	10	67874887	0.30	0.33	BB	AA	BB	BB	BB	AA	BB	BB	AA	BB
rs3683193	34	10	68245248	0.20	0.11	BB	AA	AA	AA	AA	AA	AA	AA	BB	AA
rs3682523	34	10	70099936	0.40	0.44	AA	BB	AA	BB	AA	AA	BB	AA	AA	BB
rs13480657	34	10	76814114	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
rs8258353	34	10	86261411	0.50	0.44	BB	AA	BB	AA	AA	BB	AA	AA	BB	BB
rs13480720	34	10	97274118	0.50	0.44	BB	AA	BB	BB	BB	AA	BB	AA	AA	AA
rs13480722	34	10	97630199	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
rs6195285	34	10	99553638	0.50	0.44	AA	BB	AA	BB	BB	BB	BB	AA	AA	AA
rs3688351	34	10	104408171	0.40	0.33	BB	AA	AA	AA	AA	AA	AA	BB	BB	BB
rs3654717	34	10	107091633	0.50	0.44	BB	BB	AA	AA	BB	BB	AA	AA	AA	BB
rs6201222	34	10	114549708	0.30	0.33	BB	AA	AA	BB	BB	BB	BB	AA	BB	BB
mCV25429984	34	10	118901077	0.10	0.00	BB	AA	AA	AA	AA	AA	AA	AA	AA	AA
rs4222040	34	11	5679434	0.40	0.44	AA	BB	BB	AA	BB	AA	AA	BB	AA	AA
rs3663826	34	11	12188089	0.40	0.44	AA	BB	AA	AA	BB	AA	BB	BB	AA	AA
rs3716790	34	11	17999173	0.20	0.11	BB	AA	AA	BB	AA	AA	AA	AA	AA	AA
rs3023251	34	11	20848095	0.30	0.22	AA	BB	BB	BB	BB	AA	BB	BB	BB	AA

rs13480918	34	11	25013761	0.30	0.33	AA	AA	AA	BB	AA	AA	BB	AA	BB	AA
rs3677196	34	11	32322494	0.40	0.33	BB	AA	BB	AA	AA	BB	AA	AA	BB	AA
rs13480973	34	11	37659004	0.40	0.44	BB	BB	AA	AA	BB	BB	AA	AA	BB	BB
rs13481032	34	11	54474689	0.40	0.33	BB	AA	AA	AA	BB	AA	AA	BB	BB	AA
rs3088940	34	11	56268912	0.40	0.44	AA	AA	BB	BB	AA	AA	BB	AA	BB	AA
rs13481045	34	11	57969948	0.40	0.44	BB	BB	BB	AA	BB	AA	AA	BB	AA	BB
rs13481088	34	11	69546037	0.10	0.00	BB	AA	AA	AA	AA	AA	AA	AA	AA	AA
rs13481099	34	11	73835926	0.20	0.11	BB	AA	AA	AA	AA	BB	AA	AA	AA	AA
rs13481127	34	11	83140519	0.40	0.44	AA	AA	BB	BB	BB	AA	BB	AA	AA	AA
rs3655537	34	11	86489169	0.40	0.33	BB	BB	AA	AA	AA	BB	AA	BB	AA	AA
rs3722590	34	11	89928496	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
rs3710148	34	11	96346519	0.50	0.44	AA	BB	AA	AA	AA	AA	BB	BB	BB	BB
gnf11.105.136	34	11	98302615	0.40	0.44	AA	AA	BB	AA	AA	BB	BB	AA	BB	AA
rs3698446	34	11	105058443	0.30	0.22	AA	BB	BB	AA	BB	BB	BB	AA	BB	BB
rs13481230	34	11	110982253	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
rs3709002	34	12	8966171	0.30	0.22	AA	BB	BB	BB	BB	BB	BB	AA	AA	BB
rs3718992	34	12	11350415	0.20	0.11	BB	AA	AA	AA	AA	AA	AA	BB	AA	AA
rs13481365	34	12	25224607	0.30	0.33	AA	BB	BB	AA	AA	AA	AA	AA	BB	AA
rs6225272	34	12	27459535	0.10	0.00	BB	AA	AA	AA	AA	AA	AA	AA	AA	AA
rs3711448	34	12	32035244	0.50	0.44	BB	AA	AA	BB	AA	BB	BB	BB	AA	AA
rs13481405	34	12	36429725	0.50	0.44	AA	AA	BB	BB	BB	AA	BB	BB	AA	AA
UT_12_48.062521	34	12	49311051	0.40	0.33	BB	AA	AA	AA	AA	BB	AA	AA	BB	BB
rs13481491	34	12	58580755	0.20	0.11	AA	BB	BB	BB	AA	BB	BB	BB	BB	BB
rs13481509	34	12	63998050	0.50	0.44	BB	AA	AA	AA	BB	BB	AA	AA	BB	BB
rs3707048	34	12	65624123	0.30	0.22	AA	BB	AA	BB	BB	BB	BB	BB	AA	BB
rs6195664	34	12	67066429	0.50	0.44	AA	AA	AA	BB	AA	BB	BB	BB	BB	AA
rs13481573	34	12	83782648	0.10	0.00	BB	AA	AA	AA	AA	AA	AA	AA	AA	AA
rs13481611	34	12	95007052	0.40	0.44	BB	BB	AA	BB	BB	AA	BB	BB	AA	AA
rs3700012	34	12	97205126	0.30	0.22	BB	AA	AA	AA	AA	AA	BB	AA	BB	AA
rs13481634	34	12	102284460	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
rs13481657	34	12	107982668	0.20	0.22	BB	BB	BB	BB	BB	AA	BB	BB	AA	BB
rs6215262	34	13	3668799	0.40	0.44	BB	BB	AA	BB	BB	AA	BB	AA	BB	AA
rs3678616	34	13	16757710	0.40	0.44	BB	BB	BB	AA	BB	BB	AA	AA	AA	BB
rs3721858	34	13	16844366	0.40	0.33	BB	BB	BB	AA	BB	AA	AA	AA	AA	AA
rs13481734	34	13	26516772	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
rs13481740	34	13	30157135	0.40	0.33	BB	AA	BB	AA	AA	BB	AA	AA	AA	BB
rs3711424	34	13	31473950	0.50	0.44	AA	AA	AA	BB	BB	AA	BB	BB	BB	AA
rs6259014	34	13	36787616	0.40	0.44	AA	AA	AA	BB	BB	AA	BB	BB	AA	AA
rs3693942	34	13	53562224	0.10	0.00	BB	AA	AA	AA	AA	AA	AA	AA	AA	AA
gnf13.057.501	34	13	58104440	0.30	0.33	AA	AA	AA	AA	AA	BB	AA	BB	BB	AA
rs13481839	34	13	59076057	0.30	0.33	BB	AA	AA	BB	BB	AA	BB	BB	BB	BB
rs3712144	34	13	62616327	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
rs6245977	34	13	81662820	0.50	0.44	BB	BB	BB	AA	AA	BB	AA	AA	AA	BB
rs6372324	34	13	86790836	0.40	0.44	BB	BB	BB	AA	AA	BB	AA	BB	AA	BB
gnf13.092.499	34	13	88008669	0.40	0.33	BB	BB	AA	AA	BB	AA	AA	BB	AA	AA
rs4230027	34	13	96648733	0.30	0.33	AA	AA	BB	BB	AA	AA	AA	AA	BB	AA
rs6316705	34	13	112347739	0.10	0.00	BB	AA	AA	AA	AA	AA	AA	AA	AA	AA
rs3672461	34	14	9366031	0.30	0.22	AA	BB	BB	BB	AA	BB	BB	AA	BB	BB
rs3687889	34	14	18051929	0.40	0.44	AA	BB	BB	AA	AA	BB	AA	AA	AA	BB
gnf14.018.589	34	14	23634749	0.30	0.22	AA	AA	BB	BB	BB	BB	BB	BB	AA	BB
rs13482117	34	14	27614362	0.20	0.11	BB	AA	AA	AA	AA	AA	AA	AA	BB	AA
rs3695383	34	14	31928539	0.40	0.44	BB	AA	AA	BB	BB	BB	BB	BB	AA	AA
rs13482141	34	14	37283597	0.50	0.44	AA	BB	AA	BB	AA	BB	AA	AA	BB	BB
gnf14.040.022	34	14	41927397	0.50	0.44	AA	AA	BB	BB	BB	AA	BB	BB	AA	AA
rs3695574	34	14	60108172	0.10	0.00	BB	AA	AA	AA	AA	AA	AA	AA	AA	AA
rs3723413	34	14	65680829	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
rs3701623	34	14	67548957	0.30	0.22	AA	BB	BB	BB	BB	AA	BB	AA	BB	BB

rs4231899	34	18	62733089	0.40	0.33	BB	AA	BB	AA	AA	AA	BB	AA	BB	AA
rs6320743	34	18	65400586	0.50	0.44	AA	BB	BB	AA	BB	BB	AA	AA	AA	BB
rs6346101	34	18	68745261	0.50	0.44	AA	BB	AA	BB	AA	AA	BB	BB	BB	AA
rs4231934	34	18	74507743	0.10	0.00	BB	AA	AA	AA	AA	AA	AA	AA	AA	AA
rs6413006	34	19	9371029	0.40	0.44	BB	BB	BB	AA	BB	BB	AA	AA	AA	BB
rs6316813	34	19	10518722	0.40	0.44	BB	AA	BB	BB	AA	AA	BB	AA	BB	BB
rs3686467	34	19	16105562	0.50	0.44	AA	AA	BB	BB	AA	BB	AA	AA	BB	BB
rs3669236	34	19	25607883	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
CEL-19_32349880	34	19	32365760	0.20	0.22	AA	AA	AA	AA	AA	BB	AA	BB	AA	AA
rs13483628	34	19	40827716	0.10	0.00	BB	AA	AA	AA	AA	AA	AA	AA	AA	AA
rs13483644	34	19	45325967	0.40	0.44	BB	AA	BB	BB	AA	BB	BB	AA	AA	BB
rs13483650	34	19	46924709	0.50	0.44	AA	BB	BB	AA	BB	AA	AA	BB	BB	AA
rs13483712	34	X	7791294	0.40	0.44	AA	AA	BB	BB	AA	AA	BB	AA	BB	AA
CEL-X_8498891	34	X	8406110	0.40	0.44	AA	AA	BB	BB	AA	AA	BB	AA	BB	AA
rs13483716	34	X	8684090	0.40	0.44	BB	BB	AA	AA	BB	BB	AA	BB	AA	BB
CEL-X_9031623	34	X	8938842	0.30	0.33	BB	BB	BB	AA	BB	BB	AA	BB	AA	BB
CEL-X_39961894	34	X	42134406	0.50	0.44	BB	AA	AA	BB	AA	AA	BB	AA	BB	BB
gnfX.035.350	34	X	45453218	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
rs6411410	34	X	46580123	0.40	0.44	AA	AA	AA	BB	AA	AA	BB	BB	BB	AA
rs13483756	34	X	47471816	0.50	0.44	BB	BB	BB	AA	BB	AA	AA	AA	AA	BB
rs13483761	34	X	50973779	0.30	0.33	AA	AA	AA	AA	AA	BB	BB	BB	AA	AA
rs13483765	34	X	52289226	0.40	0.33	BB	AA	AA	AA	BB	AA	BB	BB	AA	AA
rs13483786	34	X	59284238	0.50	0.44	AA	AA	AA	BB	AA	AA	BB	BB	BB	BB
CEL-X_67980997	34	X	71084654	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
gnfX.068.981	34	X	75379464	0.40	0.33	BB	BB	BB	AA	AA	BB	AA	AA	AA	AA
rs13483870	34	X	79979262	0.40	0.33	AA	AA	BB	BB	BB	AA	BB	BB	BB	AA
rs13483805	34	X	84855479	0.40	0.44	AA	BB	AA	AA	AA	BB	AA	AA	BB	BB
rs13483909	34	X	95020882	0.40	0.33	BB	AA	BB	AA	AA	AA	AA	AA	BB	BB
gnfX.089.712	34	X	100459001	0.40	0.33	BB	BB	AA	AA	BB	AA	AA	AA	BB	AA
rs13483927	34	X	100810912	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
CEL-X_100430565	34	X	103627574	0.50	0.44	BB	BB	BB	AA	BB	AA	AA	AA	BB	AA
CEL-X_106858553	34	X	109923231	0.40	0.33	BB	AA	AA	BB	AA	AA	BB	BB	AA	AA
rs13483994	34	X	124740138	0.40	0.33	AA	BB	BB	AA	BB	BB	AA	AA	BB	BB
rs3697198	34	X	129761598	0.30	0.22	BB	AA	AA	AA	AA	BB	AA	BB	AA	AA
rs13484031	34	X	133385649	0.40	0.33	AA	BB	BB	AA	BB	BB	AA	BB	AA	BB
CEL-X_143438541	34	X	147085486	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
rs13484087	34	X	149574316	0.20	0.22	BB	AA	BB	BB	BB	BB	BB	AA	BB	BB
gnfX.141.820	34	X	155185028	0.30	0.33	AA	AA	AA	BB	AA	AA	BB	AA	BB	AA
gnfX.146.867	34	X	160286037	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
rs13484113	34	X	163054156	0.50	0.44	AA	BB	BB	AA	BB	AA	AA	BB	AA	BB