

Genotypes for the top 10 inbred strains across 1449 SNP loci
SNPs highlighted in green were chosen for optimal information on the C57BL/J6 strain

Name	GenomeBuild	Chr	Position	MAF	MAF (-C57BL/6J)	C57BL/6J	NOD/LtJ	129S1/SvlmJ	CBA/J	AKR/J	FVB/NJ	C3H/HeJ	BALB/cJ	DBA/2J	SJL/J
rs3683945	34	1	3157748	0.20	0.22	AA	AA	AA	BB	AA	AA	BB	AA	AA	AA
rs6269442	34	1	3451386	0.20	0.11	AA	BB	BB	BB	BB	BB	BB	AA	BB	BB
rs13475701	34	1	4486478	0.30	0.22	AA	BB	AA	BB	AA	BB	BB	BB	BB	BB
rs13475706	34	1	5868580	0.30	0.33	AA	AA	AA	AA	AA	BB	AA	BB	BB	AA
rs3684358	34	1	8151802	0.40	0.33	BB	AA	AA	BB	AA	AA	BB	AA	BB	AA
rs3716083	34	1	9133322	0.40	0.33	BB	AA	AA	AA	AA	BB	AA	BB	AA	BB
rs3722996	34	1	11374815	0.13	0.14	AA	AA	AA	NN	AA	AA	NN	AA	BB	AA
rs13475729	34	1	13010874	0.20	0.11	BB	AA	AA	AA	AA	AA	AA	AA	BB	AA
rs3671256	34	1	16461529	0.20	0.11	AA	BB	BB	BB	AA	BB	BB	BB	BB	BB
rs13475745	34	1	17492340	0.30	0.33	BB	BB	AA	BB	AA	BB	BB	BB	AA	BB
rs13475750	34	1	19690723	0.20	0.11	AA	BB	BB	BB	BB	BB	BB	BB	AA	BB
rs6404446	34	1	21009496	0.10	0.00	BB	AA	AA	AA	AA	AA	AA	AA	AA	AA
mCV23695025	34	1	22398088	0.40	0.33	AA	AA	BB	BB	BB	BB	BB	AA	BB	AA
rs6173215	34	1	22987438	0.20	0.11	AA	BB	AA	BB	BB	BB	BB	BB	BB	BB
mCV24784983	34	1	25476000	0.30	0.22	AA	BB	AA	BB	BB	BB	BB	BB	BB	AA
rs6166266	34	1	26140654	0.40	0.33	AA	BB	AA	BB	BB	BB	BB	AA	BB	AA
rs3677683	34	1	27524171	0.20	0.11	AA	BB	BB	BB	BB	BB	BB	BB	BB	AA
rs3695988	34	1	29989242	0.30	0.22	AA	BB	BB	BB	AA	BB	BB	AA	BB	BB
rs4137502	34	1	31103031	0.50	0.44	BB	AA	BB	AA	BB	AA	AA	BB	AA	BB
rs3707642	34	1	32783766	0.30	0.22	BB	BB	AA	AA	BB	AA	AA	AA	AA	AA
rs3681732	34	1	34400169	0.40	0.33	AA	BB	BB	BB	BB	BB	BB	AA	AA	AA
rs3683997	34	1	36170564	0.40	0.44	BB	BB	BB	AA	AA	AA	AA	BB	BB	BB
rs4222295	34	1	39293125	0.30	0.22	BB	AA	BB	BB	AA	AA	AA	AA	AA	AA
gnf01.036.770	34	1	40267964	0.50	0.44	BB	AA	AA	BB	BB	AA	AA	BB	BB	AA
rs13475827	34	1	41232916	0.40	0.44	BB	AA	AA	BB	BB	AA	BB	BB	AA	BB
rs13475834	34	1	42758863	0.50	0.44	AA	AA	BB	AA	BB	BB	BB	AA	AA	BB
CEL-1_44668113	34	1	44620787	0.40	0.44	AA	AA	AA	BB	AA	AA	BB	AA	BB	BB
rs13475847	34	1	46216159	0.20	0.11	AA	BB	BB	BB	BB	BB	BB	AA	BB	BB
rs13475851	34	1	47768363	0.30	0.22	AA	BB	AA	BB	AA	BB	BB	BB	BB	BB
CEL-1_49993068	34	1	49924481	0.30	0.22	BB	AA	AA	AA	BB	AA	AA	BB	AA	AA
rs3724092	34	1	50541049	0.30	0.22	BB	AA	AA	AA	BB	AA	AA	BB	AA	AA
rs13475866	34	1	51699644	0.30	0.22	BB	BB	BB	AA	AA	AA	AA	AA	AA	AA
rs6183203	34	1	53783793	0.20	0.22	BB	BB	BB	BB	AA	BB	BB	AA	BB	BB
rs6386920	34	1	54402414	0.40	0.44	AA	AA	AA	BB	BB	AA	AA	BB	BB	AA
rs3723035	34	1	55856385	0.40	0.44	BB	AA	BB	BB	AA	BB	BB	AA	BB	AA
rs13475881	34	1	58687867	0.40	0.44	AA	BB	BB	BB	AA	AA	AA	AA	BB	AA
rs6353774	34	1	60026717	0.40	0.44	BB	AA	BB	BB	AA	BB	BB	AA	BB	AA
rs3716105	34	1	61843898	0.30	0.33	AA	AA	AA	AA	BB	AA	AA	BB	AA	BB
rs6322485	34	1	63550152	0.20	0.11	BB	AA	AA	AA	AA	AA	AA	BB	AA	AA
rs6395308	34	1	65167258	0.40	0.44	BB	BB	BB	AA	AA	BB	BB	BB	AA	AA
rs13475902	34	1	66706977	0.50	0.44	AA	AA	BB	BB	BB	AA	AA	AA	BB	BB
rs6288543	34	1	68805169	0.40	0.33	BB	AA	AA	BB	BB	AA	AA	AA	AA	BB
rs6312657	34	1	69296246	0.30	0.22	AA	BB	BB	AA	BB	BB	BB	AA	BB	BB
rs6191076	34	1	72250330	0.30	0.33	AA	AA	AA	AA	BB	AA	BB	AA	AA	BB
rs13475919	34	1	73275599	0.30	0.33	BB	AA	BB	BB	BB	BB	AA	BB	AA	BB
rs3713616	34	1	74744030	0.50	0.44	AA	AA	BB	BB	BB	AA	BB	AA	BB	AA
rs13475931	34	1	76665687	0.40	0.33	AA	AA	BB	BB	BB	BB	AA	AA	BB	BB
gnf01.075.385	34	1	78191984	0.40	0.33	BB	BB	AA	AA	AA	AA	AA	AA	BB	BB
rs13475939	34	1	79021534	0.40	0.33	BB	BB	AA	BB	AA	AA	AA	AA	BB	AA
mCV23431007	34	1	80657820	0.30	0.33	BB	AA	BB	AA	BB	BB	BB	BB	AA	BB
rs13475946	34	1	81054450	0.50	0.44	BB	AA	AA	AA	BB	AA	BB	BB	AA	BB
gnf01.079.218	34	1	82484711	0.40	0.44	AA	AA	BB	AA	AA	BB	BB	AA	AA	BB

rs3723062	34	1	85788251	0.50	0.44	BB	BB	AA	BB	BB	AA	AA	BB	AA	AA
UT_1_89.100476	34	1	87014950	0.50	0.44	AA	AA	BB	AA	AA	BB	BB	AA	AA	BB
rs6195073	34	1	88401730	0.40	0.33	AA	BB	BB	AA	BB	BB	AA	AA	BB	BB
rs13475980	34	1	91480568	0.30	0.22	BB	AA	AA	BB	AA	AA	BB	AA	AA	AA
rs6268443	34	1	93210079	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
rs6157345	34	1	95391235	0.40	0.44	AA	BB	BB	AA	BB	AA	AA	AA	BB	AA
rs3726669	34	1	96772972	0.50	0.44	BB	AA	AA	BB	AA	BB	BB	BB	AA	AA
rs13476003	34	1	97565807	0.30	0.33	AA	BB	BB	AA	AA	AA	AA	AA	BB	AA
rs13476012	34	1	99695049	0.50	0.44	AA	BB	BB	AA	BB	AA	AA	AA	BB	BB
rs6368370	34	1	101670306	0.30	0.33	BB	AA	AA	BB	BB	BB	BB	BB	AA	BB
CEL_1_103251925	34	1	103228922	0.40	0.44	BB	BB	BB	AA	BB	AA	AA	AA	BB	BB
CEL_1_105423103	34	1	105392968	0.40	0.33	BB	BB	BB	AA	AA	AA	AA	AA	BB	AA
rs13476036	34	1	106799563	0.40	0.44	AA	BB	BB	AA	AA	AA	AA	AA	BB	BB
rs3685919	34	1	109619416	0.20	0.11	BB	BB	AA	AA	AA	AA	AA	AA	AA	AA
rs13476050	34	1	110600816	0.40	0.44	AA	AA	BB	BB	AA	AA	BB	BB	AA	AA
rs3726043	34	1	111758961	0.50	0.44	AA	BB	BB	BB	AA	AA	BB	BB	AA	AA
rs13476061	34	1	113867907	0.30	0.33	AA	AA	BB	AA	AA	BB	AA	BB	AA	AA
mCV24201027	34	1	115756625	0.40	0.33	BB	AA	BB	AA	AA	BB	AA	BB	AA	AA
rs3674655	34	1	117377472	0.10	0.00	BB	AA	AA	AA	AA	AA	AA	AA	AA	AA
rs3695581	34	1	118491920	0.40	0.44	BB	AA	BB	AA	BB	BB	AA	BB	AA	BB
rs3678634	34	1	120365969	0.20	0.11	BB	AA	AA	AA	AA	AA	AA	BB	AA	AA
rs3717360	34	1	122766654	0.40	0.44	AA	AA	BB	BB	AA	AA	BB	BB	AA	AA
rs3694822	34	1	123609711	0.40	0.44	BB	BB	AA	AA	BB	BB	AA	AA	BB	BB
rs4137908	34	1	125479622	0.50	0.44	BB	AA	AA	BB	BB	AA	BB	AA	BB	AA
rs6228473	34	1	126462110	0.40	0.33	BB	BB	AA	AA	AA	BB	AA	AA	AA	BB
rs13476104	34	1	128101975	0.50	0.44	BB	BB	AA	BB	AA	AA	BB	AA	AA	BB
rs3699561	34	1	130941653	0.50	0.44	BB	BB	AA	BB	BB	AA	BB	AA	AA	AA
rs3724826	34	1	131355721	0.50	0.44	AA	AA	BB	AA	AA	BB	AA	BB	BB	BB
rs13476119	34	1	134060977	0.30	0.22	AA	BB	AA	BB	BB	BB	BB	AA	BB	BB
rs8250053	34	1	135006187	0.20	0.11	AA	BB	BB	BB	BB	BB	BB	AA	BB	BB
rs6279930	34	1	137230711	0.30	0.33	AA	AA	BB	AA	AA	AA	AA	AA	BB	BB
gnf01.137.841	34	1	138050733	0.50	0.44	AA	BB	AA	BB	AA	BB	BB	AA	AA	BB
rs13476141	34	1	140410204	0.40	0.33	AA	BB	BB	BB	AA	BB	BB	AA	AA	BB
rs6382880	34	1	142395117	0.40	0.44	AA	AA	BB	BB	AA	BB	BB	AA	AA	AA
rs13476152	34	1	143944723	0.30	0.22	AA	BB	BB	BB	BB	BB	BB	AA	AA	BB
rs3672697	34	1	145015486	0.40	0.44	BB	AA	BB	AA	BB	AA	AA	BB	BB	BB
rs13476163	34	1	146703990	0.40	0.44	AA	AA	BB	AA	BB	AA	AA	AA	BB	BB
rs6411476	34	1	148816707	0.50	0.44	BB	BB	AA	BB	AA	AA	BB	BB	AA	AA
rs6393307	34	1	150861732	0.10	0.11	BB	BB	BB	BB	AA	BB	BB	BB	BB	BB
CEL_1_152747565	34	1	152665459	0.30	0.33	BB	AA	AA	BB	BB	BB	BB	BB	AA	BB
rs13476187	34	1	154094617	0.20	0.22	BB	BB	BB	BB	BB	BB	BB	BB	AA	AA
UT_1_113.684537	34	1	155949891	0.30	0.22	AA	BB	AA	BB	BB	BB	BB	BB	BB	AA
rs3719034	34	1	157063573	0.20	0.22	BB	BB	BB	BB	BB	BB	BB	AA	AA	BB
rs6387609	34	1	157807215	0.20	0.22	AA	AA	AA	AA	AA	AA	AA	BB	BB	AA
rs3693161	34	1	160189736	0.20	0.22	BB	BB	BB	BB	BB	BB	BB	AA	AA	BB
rs13476208	34	1	161931198	0.30	0.33	AA	AA	AA	AA	AA	AA	BB	BB	BB	AA
UT_1_167.58185	34	1	163914786	0.10	0.11	BB	BB	BB	BB	BB	BB	BB	BB	AA	BB
rs13476219	34	1	166169895	0.10	0.11	BB	BB	BB	BB	BB	BB	BB	BB	AA	BB
rs6399765	34	1	167195900	0.20	0.22	BB	BB	BB	AA	BB	BB	BB	BB	AA	BB
rs13476229	34	1	169239352	0.40	0.33	BB	AA	AA	BB	AA	AA	AA	BB	BB	AA
rs8245216	34	1	171169859	0.50	0.44	BB	BB	AA	AA	BB	BB	AA	AA	AA	BB
rs13466711	34	1	172064163	0.20	0.11	AA	BB	BB	BB	BB	AA	BB	BB	BB	BB
rs3707910	34	1	172419541	0.10	0.00	BB	AA	AA	AA	AA	AA	AA	AA	AA	AA
rs3669108	34	1	174474372	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
rs3700831	34	1	175948226	0.40	0.44	AA	BB	BB	AA	AA	AA	BB	BB	AA	AA
CEL_1_178482360	34	1	178420475	0.00	0.00	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
rs13476265	34	1	179564772	0.20	0.22	BB	BB	BB	BB	BB	AA	BB	BB	BB	AA

rs13474399	34	1	180555357	0.20	0.22	AA	AA	AA	BB	AA	AA	AA	AA	BB	AA
rs13476272	34	1	181371085	0.20	0.22	BB	BB	BB	AA	BB	BB	BB	BB	AA	BB
rs13476273	34	1	182049374	0.50	0.44	BB	AA	BB	AA	AA	AA	BB	BB	AA	BB
rs6157620	34	1	183059901	0.40	0.44	BB	AA	AA	BB	BB	BB	AA	AA	BB	BB
mCV22849619	34	1	186392359	0.40	0.33	AA	AA	BB	BB	BB	AA	BB	BB	BB	AA
rs3667164	34	1	188213473	0.30	0.22	AA	AA	BB	BB	AA	BB	BB	BB	BB	BB
rs13476300	34	1	190013520	0.50	0.44	BB	BB	AA	BB	BB	AA	AA	AA	BB	AA
rs13476313	34	1	193900245	0.30	0.33	BB	BB	BB	AA	BB	BB	AA	BB	AA	BB
mCV24145570	34	1	195048865	0.30	0.33	BB	BB	BB	AA	BB	BB	AA	BB	AA	BB
rs3713997	34	2	3151174	0.20	0.22	BB	BB	AA	BB	BB	BB	BB	BB	BB	AA
rs6213083	34	2	3942107	0.30	0.33	BB	BB	AA	BB	BB	AA	BB	BB	BB	AA
rs4136817	34	2	4227486	0.20	0.22	BB	BB	AA	BB	BB	AA	BB	BB	BB	BB
rs3678168	34	2	5575472	0.10	0.11	BB	BB	BB	BB	BB	BB	BB	AA	BB	BB
rs6359983	34	2	6664322	0.20	0.22	AA	BB	AA	AA	AA	BB	AA	AA	AA	AA
gnf02.006.767	34	2	9745776	0.10	0.11	BB	BB	BB	BB	BB	BB	BB	BB	AA	BB
rs6240512	34	2	10894447	0.40	0.44	BB	BB	AA	BB	AA	AA	BB	BB	BB	AA
rs6172408	34	2	12547728	0.00	0.00	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA
rs6287980	34	2	13634271	0.00	0.00	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
CZECH-2_15618849	34	2	15594129	0.00	0.00	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
rs6402127	34	2	17842388	0.00	0.00	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
rs13476366	34	2	19440976	0.40	0.44	AA	BB	AA	AA	BB	AA	AA	AA	BB	BB
rs3674936	34	2	20413748	0.20	0.11	AA	BB	BB	BB	BB	BB	BB	AA	BB	BB
rs6404309	34	2	23423751	0.00	0.00	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
rs6286688	34	2	24467315	0.20	0.22	BB	BB	BB	BB	AA	BB	BB	BB	AA	BB
rs13476391	34	2	26027684	0.20	0.22	AA	AA	AA	AA	BB	AA	AA	AA	AA	AA
rs13476399	34	2	28221301	0.11	0.13	AA	NN	BB	AA	AA	AA	AA	AA	AA	AA
rs3154953	34	2	30119989	0.10	0.11	BB	BB	AA	BB	BB	BB	BB	BB	BB	BB
rs6186876	34	2	31632367	0.00	0.00	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
CEL-2_32981944	34	2	32954115	0.40	0.44	BB	AA	BB	BB	AA	AA	BB	BB	AA	BB
gnf02.035.469	34	2	33926782	0.40	0.44	AA	BB	AA	AA	BB	BB	AA	AA	BB	AA
rs6260403	34	2	35777133	0.00	0.00	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA
rs13476439	34	2	38043281	0.30	0.22	BB	AA	AA	AA	AA	AA	AA	BB	AA	BB
rs13476454	34	2	41216315	0.30	0.22	AA	BB	BB	BB	BB	BB	BB	AA	BB	AA
rs13476467	34	2	44333936	0.20	0.11	BB	AA	AA	AA	AA	AA	AA	BB	AA	AA
rs13476472	34	2	45625389	0.20	0.11	AA	BB	BB	BB	BB	BB	BB	AA	BB	BB
rs6264523	34	2	47096774	0.30	0.22	AA	BB	AA	BB	BB	BB	BB	AA	BB	BB
rs6250599	34	2	48605658	0.00	0.00	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA
CEL-2_50605053	34	2	50577224	0.20	0.11	BB	AA	AA	AA	AA	AA	AA	BB	AA	AA
rs3725341	34	2	51397858	0.20	0.11	AA	BB	BB	BB	BB	BB	BB	AA	BB	BB
rs13476503	34	2	53115772	0.30	0.22	BB	AA	AA	AA	AA	AA	AA	BB	AA	BB
rs3718711	34	2	56461355	0.20	0.11	AA	BB	BB	BB	BB	BB	BB	AA	BB	BB
rs3672719	34	2	58115109	0.20	0.11	BB	AA	AA	AA	AA	AA	AA	BB	AA	AA
rs13476530	34	2	59873637	0.10	0.11	BB	BB	AA	BB	BB	BB	BB	BB	BB	BB
rs4223189	34	2	61655484	0.20	0.22	AA	AA	BB	AA	AA	AA	AA	AA	BB	AA
CEL-2_63143553	34	2	63060318	0.40	0.44	AA	AA	BB	AA	AA	BB	AA	AA	BB	BB
rs6222797	34	2	64974452	0.50	0.44	AA	BB	BB	AA	AA	BB	AA	AA	BB	BB
rs13476553	34	2	66823301	0.40	0.33	AA	BB	BB	BB	AA	AA	BB	AA	BB	BB
rs6381994	34	2	68105139	0.20	0.22	AA	BB	AA	AA	AA	AA	AA	AA	BB	AA
rs4136610	34	2	70006931	0.20	0.11	BB	AA	BB	AA	AA	AA	AA	AA	AA	AA
rs3664661	34	2	71296307	0.50	0.44	BB	AA	BB	BB	AA	AA	AA	AA	BB	BB
CEL-2_73370728	34	2	73174311	0.40	0.44	AA	AA	BB	BB	AA	AA	BB	AA	BB	AA
rs13476580	34	2	74579616	0.50	0.44	BB	AA	AA	BB	AA	AA	BB	AA	BB	BB
gnf02.076.311	34	2	77352752	0.30	0.33	BB	BB	BB	BB	BB	BB	AA	AA	AA	BB
CEL-2_79237503	34	2	79041193	0.50	0.44	BB	BB	BB	AA	AA	BB	AA	AA	AA	BB
rs3722345	34	2	80313437	0.20	0.11	AA	BB	AA	BB	BB	BB	BB	BB	BB	BB
rs3667007	34	2	81803867	0.20	0.11	BB	AA	BB	AA	AA	AA	AA	AA	AA	AA
rs8273639	34	2	84470084	0.30	0.22	AA	AA	AA	BB	BB	BB	BB	BB	BB	BB

rs3689658	34	2	85376473	0.30	0.22	BB	AA	BB	AA	AA	BB	AA	AA	AA	AA
rs13476621	34	2	87050840	0.20	0.11	AA	BB	AA	BB	BB	BB	BB	BB	BB	BB
rs6404809	34	2	88703063	0.50	0.44	BB	AA	BB	BB	AA	AA	BB	AA	AA	BB
rs13476636	34	2	91349993	0.50	0.44	AA	BB	AA	AA	AA	BB	AA	BB	BB	BB
rs13476639	34	2	92531494	0.30	0.33	AA	AA	AA	AA	BB	BB	BB	AA	AA	AA
rs13476649	34	2	95740498	0.40	0.33	BB	AA	BB	AA	BB	AA	BB	AA	AA	AA
rs6316774	34	2	96598567	0.30	0.33	BB	BB	AA	BB	AA	BB	AA	BB	BB	BB
rs6378047	34	2	99188826	0.10	0.00	BB	AA	AA	AA	AA	AA	AA	AA	AA	AA
rs6406705	34	2	100064663	0.10	0.11	AA	AA	AA	AA	AA	AA	AA	AA	AA	BB
rs13476666	34	2	101027724	0.20	0.11	AA	BB	BB	BB	BB	BB	BB	BB	BB	AA
gnf02.102.146	34	2	103604688	0.40	0.44	AA	AA	AA	BB	BB	AA	AA	BB	BB	AA
rs13476689	34	2	107088925	0.20	0.11	AA	BB	AA	BB	BB	BB	BB	BB	BB	BB
rs13476691	34	2	108128426	0.40	0.44	AA	AA	AA	BB	AA	BB	AA	BB	BB	AA
rs13476698	34	2	110827795	0.40	0.44	AA	AA	AA	BB	AA	BB	AA	BB	BB	AA
CEL-2_111981058	34	2	111713322	0.30	0.22	BB	AA	AA	AA	AA	AA	BB	AA	AA	BB
rs4138562	34	2	113893724	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
rs3699172	34	2	115403696	0.30	0.22	AA	BB	BB	AA	BB	BB	AA	BB	BB	BB
rs13476723	34	2	116806645	0.20	0.22	BB	BB	BB	BB	BB	BB	BB	AA	AA	BB
rs8279354	34	2	118680591	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
rs3658927	34	2	120458715	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
rs3723643	34	2	121832437	0.50	0.44	AA	AA	AA	BB	BB	AA	BB	BB	BB	AA
rs6228179	34	2	122981143	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
rs6401493	34	2	124811627	0.20	0.11	AA	BB	BB	BB	BB	BB	BB	BB	AA	BB
gnf02.126.027	34	2	127314601	0.40	0.33	BB	AA	AA	BB	AA	AA	BB	AA	BB	AA
rs3661596	34	2	129658669	0.20	0.11	AA	BB	BB	BB	BB	BB	BB	BB	AA	BB
rs3665528	34	2	130527762	0.30	0.33	BB	BB	BB	AA	BB	AA	AA	BB	BB	BB
rs4223511	34	2	131507389	0.40	0.33	BB	BB	AA	AA	AA	BB	AA	BB	AA	AA
rs13476783	34	2	133374985	0.30	0.33	BB	BB	AA	BB	AA	BB	BB	BB	BB	AA
CEL-2_135876979	34	2	135641810	0.10	0.11	BB	BB	BB	BB	BB	BB	BB	BB	AA	BB
rs8246404	34	2	136392306	0.20	0.22	BB	AA	AA	BB	BB	BB	BB	BB	BB	BB
rs6158085	34	2	138693523	0.00	0.00	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
rs13476807	34	2	140320391	0.10	0.11	AA	AA	AA	AA	AA	AA	AA	AA	BB	AA
rs13476810	34	2	141914583	0.10	0.11	BB	BB	BB	BB	BB	BB	BB	BB	AA	BB
rs13476817	34	2	143830589	0.20	0.22	BB	BB	AA	BB	BB	BB	BB	BB	AA	BB
rs6363071	34	2	145489275	0.40	0.33	AA	BB	AA	BB	AA	BB	BB	BB	AA	BB
rs6209325	34	2	147512260	0.40	0.33	AA	BB	AA	BB	AA	BB	BB	BB	BB	AA
rs6246342	34	2	149319283	0.10	0.11	AA	BB	AA	AA	AA	AA	AA	AA	AA	AA
gnf02.149.271	34	2	150494120	0.20	0.22	AA	BB	BB	AA	AA	AA	AA	AA	AA	AA
rs6247960	34	2	152035686	0.50	0.44	BB	AA	BB	AA	BB	BB	AA	AA	BB	AA
rs6376291	34	2	153598222	0.30	0.33	AA	BB	BB	AA	AA	AA	AA	AA	AA	AA
rs13476860	34	2	155724414	0.30	0.22	AA	BB	BB	BB	AA	BB	BB	BB	AA	BB
rs3695266	34	2	157462142	0.20	0.11	AA	BB	BB	BB	BB	BB	BB	BB	BB	AA
rs13476874	34	2	159126796	0.30	0.22	BB	BB	BB	AA	AA	AA	AA	AA	AA	AA
rs3664408	34	2	160837192	0.30	0.22	AA	AA	BB	BB	BB	BB	BB	BB	AA	BB
rs3671849	34	2	162609509	0.40	0.44	BB	BB	BB	AA	BB	BB	AA	AA	AA	BB
rs13476889	34	2	163764495	0.40	0.33	AA	AA	BB	AA	BB	BB	BB	AA	BB	BB
rs13476895	34	2	165768126	0.40	0.44	BB	AA	AA	AA	BB	BB	BB	AA	BB	BB
CEL-2_168586738	34	2	168032354	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
rs3726974	34	2	169350714	0.10	0.00	BB	AA	AA	AA	AA	AA	AA	AA	AA	AA
rs13476917	34	2	170897763	0.30	0.22	BB	AA	AA	AA	AA	BB	AA	AA	AA	BB
rs13476928	34	2	173519972	0.30	0.22	AA	BB	BB	BB	BB	BB	AA	BB	AA	BB
rs13476932	34	2	174281281	0.40	0.33	AA	AA	BB	BB	BB	BB	AA	BB	AA	BB
rs13476934	34	2	178344266	0.50	0.44	BB	BB	AA	AA	AA	BB	BB	AA	BB	AA
rs6187766	34	2	179239718	0.30	0.22	AA	BB	BB	BB	AA	AA	BB	BB	BB	BB
rs3679483	34	2	179843214	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
rs13476950	34	3	3750239	0.50	0.44	BB	BB	BB	BB	AA	AA	BB	AA	AA	BB
rs13476953	34	3	4335523	0.50	0.44	AA	AA	AA	BB	BB	AA	BB	BB	BB	AA

rs13476957	34	3	5603847	0.50	0.44	AA	AA	AA	BB	BB	AA	BB	BB	BB	AA
rs13476963	34	3	7654388	0.20	0.11	BB	AA	BB	AA	AA	AA	AA	AA	AA	AA
rs13476969	34	3	9688231	0.40	0.44	BB	BB	AA	BB	AA	AA	BB	BB	BB	AA
rs13476973	34	3	11016045	0.50	0.44	BB	BB	AA	BB	AA	AA	BB	BB	AA	AA
rs6248752	34	3	12102348	0.30	0.22	AA	AA	BB	BB	BB	BB	BB	BB	AA	BB
rs13476985	34	3	14903714	0.40	0.33	BB	BB	BB	AA	BB	AA	AA	AA	AA	AA
rs3659988	34	3	15789917	0.40	0.33	AA	AA	AA	BB	AA	BB	BB	BB	BB	BB
gnf03.015.035	34	3	17370273	0.40	0.44	AA	AA	BB	AA	AA	BB	AA	BB	AA	BB
mCV24211562	34	3	18600662	0.30	0.33	AA	BB	AA	AA	AA	AA	AA	BB	BB	AA
rs6235984	34	3	20871777	0.40	0.44	AA	AA	AA	AA	BB	BB	AA	AA	BB	BB
rs13477019	34	3	23242284	0.10	0.00	BB	AA	AA	AA	AA	AA	AA	AA	AA	AA
rs3715834	34	3	26056880	0.50	0.44	AA	BB	BB	BB	BB	AA	BB	AA	AA	AA
rs13477030	34	3	27019081	0.50	0.44	BB	AA	AA	BB	BB	AA	BB	BB	AA	AA
rs3660588	34	3	29740293	0.40	0.33	AA	BB	AA	BB	AA	BB	BB	BB	AA	BB
rs13477043	34	3	30891995	0.40	0.33	BB	BB	BB	AA	AA	AA	AA	BB	AA	AA
gnf03.030.222	34	3	32722005	0.40	0.44	AA	AA	BB	BB	AA	BB	BB	AA	AA	AA
rs4223883	34	3	33513111	0.40	0.33	AA	BB	BB	AA	BB	BB	AA	AA	BB	BB
rs6246699	34	3	35772711	0.40	0.33	AA	AA	BB	BB	BB	BB	BB	AA	AA	BB
rs6274061	34	3	38360171	0.30	0.22	BB	AA	AA	AA	AA	BB	AA	BB	AA	AA
rs6324747	34	3	39501347	0.30	0.22	AA	AA	BB	BB	AA	BB	BB	BB	BB	BB
rs3661720	34	3	41507268	0.40	0.44	AA	AA	BB	AA	AA	AA	AA	BB	BB	BB
rs13477083	34	3	42947518	0.30	0.33	AA	AA	AA	BB	AA	AA	BB	AA	AA	BB
CEL-3_46598106	34	3	45184737	0.30	0.33	BB	BB	BB	AA	BB	AA	AA	BB	BB	BB
CEL-3_46558020	34	3	46147367	0.10	0.11	AA	AA	AA	AA	AA	AA	AA	AA	AA	BB
rs13477097	34	3	47919598	0.20	0.11	BB	AA	BB	AA	AA	AA	AA	AA	AA	AA
rs4139913	34	3	50191113	0.40	0.33	BB	AA	BB	BB	AA	AA	BB	AA	AA	AA
rs6241331	34	3	52222311	0.50	0.44	AA	BB	BB	AA	BB	BB	AA	BB	AA	AA
rs6335414	34	3	52649677	0.40	0.33	AA	BB	BB	BB	BB	AA	BB	BB	AA	AA
rs4223969	34	3	54683677	0.20	0.11	AA	BB	AA	BB	BB	BB	BB	BB	BB	BB
rs13477126	34	3	56274846	0.50	0.44	AA	BB	AA	AA	BB	BB	AA	AA	BB	BB
rs6301139	34	3	58134274	0.00	0.00	NN	BB	NN	BB	BB	NN	BB	BB	BB	NN
rs13477138	34	3	59555183	0.30	0.22	BB	AA	AA	AA	AA	AA	AA	AA	BB	BB
rs13477143	34	3	60619207	0.20	0.11	AA	BB	BB	BB	BB	BB	BB	BB	AA	BB
rs13477154	34	3	63307865	0.30	0.22	BB	AA	AA	AA	AA	AA	AA	AA	BB	BB
rs6212539	34	3	64657365	0.50	0.44	BB	BB	AA	AA	BB	AA	BB	BB	AA	AA
gnf03.063.824	34	3	66357248	0.30	0.22	BB	AA	BB	AA	AA	AA	BB	AA	AA	AA
rs13477178	34	3	69419285	0.50	0.44	AA	BB	AA	BB	BB	AA	BB	AA	BB	AA
rs6198234	34	3	69690281	0.40	0.33	AA	BB	BB	AA	AA	BB	BB	BB	AA	BB
rs6264454	34	3	71181559	0.40	0.44	BB	AA	AA	BB	BB	AA	BB	AA	BB	BB
rs3673049	34	3	72523023	0.30	0.22	BB	AA	AA	AA	BB	AA	AA	AA	AA	BB
rs13477201	34	3	75181502	0.50	0.44	BB	AA	BB	BB	AA	AA	BB	BB	AA	AA
rs13477210	34	3	76981330	0.30	0.22	AA	BB	BB	AA	BB	BB	AA	BB	BB	BB
rs13477217	34	3	78428477	0.50	0.44	AA	BB	BB	BB	AA	BB	BB	AA	AA	AA
rs13477218	34	3	79658089	0.30	0.33	AA	AA	BB	BB	AA	AA	BB	AA	AA	AA
rs13477224	34	3	81089223	0.50	0.44	AA	AA	BB	BB	AA	BB	BB	AA	AA	BB
rs13477233	34	3	83208304	0.20	0.11	BB	AA	BB	AA	AA	AA	AA	AA	AA	AA
rs3719390	34	3	85161542	0.40	0.33	AA	AA	BB	BB	BB	AA	BB	BB	BB	AA
rs6376008	34	3	86405637	0.30	0.33	BB	BB	AA	AA	BB	BB	AA	BB	BB	BB
rs13477251	34	3	88598545	0.30	0.22	BB	BB	BB	AA	AA	AA	AA	AA	AA	AA
rs6211610	34	3	90032278	0.30	0.33	BB	AA	BB	BB	BB	BB	BB	AA	AA	BB
rs13477261	34	3	91840932	0.30	0.33	AA	BB	AA	AA	AA	AA	AA	BB	BB	AA
rs13477268	34	3	93051948	0.40	0.44	AA	AA	BB	AA	BB	BB	AA	AA	AA	BB
rs13477272	34	3	95171927	0.40	0.33	AA	BB	BB	BB	AA	AA	BB	BB	BB	AA
rs3022964	34	3	96766768	0.40	0.44	AA	BB	BB	AA	AA	BB	AA	AA	AA	BB
rs3726226	34	3	98443032	0.30	0.22	AA	BB	BB	BB	AA	BB	BB	BB	AA	BB
rs3162061	34	3	100145605	0.40	0.33	BB	AA	BB	AA	AA	BB	AA	AA	AA	BB
rs4138887	34	3	102116856	0.40	0.33	AA	AA	BB	BB	BB	BB	BB	AA	AA	BB

rs3701653	34	3	103061519	0.40	0.33	AA	BB	BB	AA	BB	BB	AA	BB	AA	BB
rs13477309	34	3	105266232	0.40	0.33	BB	AA	BB	AA	AA	BB	AA	AA	AA	BB
rs3702359	34	3	106925023	0.40	0.33	AA	BB	AA	BB	BB	AA	BB	BB	BB	AA
rs13477321	34	3	109001472	0.20	0.11	BB	AA	AA	AA	AA	AA	AA	BB	AA	AA
rs3676545	34	3	110064702	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
rs3698700	34	3	112042706	0.10	0.00	BB	AA	AA	AA	AA	AA	AA	AA	AA	AA
rs3710419	34	3	114423889	0.20	0.22	BB	AA	AA	BB	BB	BB	BB	BB	BB	BB
gnf03.119.970	34	3	115311837	0.30	0.22	AA	AA	AA	BB	BB	BB	BB	BB	BB	BB
rs3708412	34	3	116428098	0.20	0.11	AA	BB	BB	BB	BB	BB	BB	BB	AA	BB
CEL-3_120379605	34	3	118794515	0.40	0.33	BB	AA	BB	AA	AA	AA	AA	AA	AA	BB
rs3659836	34	3	120398980	0.20	0.22	AA	AA	BB	AA	AA	AA	AA	AA	AA	AA
rs13477379	34	3	121629223	0.20	0.22	BB	BB	AA	BB	BB	BB	BB	BB	AA	BB
rs13477385	34	3	123906425	0.40	0.44	AA	AA	BB	BB	AA	AA	BB	BB	AA	AA
rs3671119	34	3	125296913	0.40	0.33	AA	BB	BB	BB	AA	AA	BB	BB	BB	AA
rs3670168	34	3	127223582	0.50	0.44	BB	BB	AA	AA	BB	BB	AA	AA	AA	BB
rs13477404	34	3	129300002	0.30	0.22	AA	BB	BB	AA	BB	BB	BB	AA	BB	BB
rs13477408	34	3	130529282	0.30	0.33	BB	BB	BB	BB	BB	BB	AA	BB	AA	AA
CEL-3_133070717	34	3	131416499	0.10	0.11	AA	AA	AA	AA	AA	AA	AA	AA	BB	AA
rs13477421	34	3	133123955	0.40	0.33	BB	AA	AA	BB	AA	AA	BB	BB	AA	AA
rs3676039	34	3	135102542	0.30	0.22	BB	AA	BB	AA	BB	AA	AA	AA	AA	AA
rs13477439	34	3	136955247	0.40	0.33	BB	AA	AA	BB	AA	AA	BB	BB	AA	AA
rs13477448	34	3	138923859	0.50	0.44	BB	AA	AA	BB	BB	BB	AA	AA	BB	AA
rs3090379	34	3	141010505	0.40	0.33	BB	AA	BB	AA	AA	AA	BB	BB	AA	AA
rs6290401	34	3	141603865	0.40	0.33	BB	AA	BB	AA	AA	AA	BB	BB	AA	AA
rs6407142	34	3	142026853	0.50	0.44	BB	AA	AA	AA	BB	BB	AA	AA	BB	BB
rs3710548	34	3	145245877	0.22	0.13	AA	BB	BB	BB	BB	NN	BB	BB	AA	BB
rs3657112	34	3	147344476	0.30	0.22	BB	BB	AA	AA	AA	AA	AA	AA	BB	AA
rs13477487	34	3	149135283	0.40	0.44	BB	BB	AA	AA	BB	BB	AA	AA	BB	BB
rs13477494	34	3	150544013	0.30	0.22	BB	AA	BB	BB	AA	AA	AA	AA	AA	AA
rs13477506	34	3	153846661	0.40	0.33	AA	BB	AA	AA	AA	BB	BB	BB	BB	BB
gnf03.160.599	34	3	156149851	0.40	0.33	BB	AA	AA	AA	AA	AA	BB	BB	AA	BB
CEL-3_159340478	34	3	157721197	0.20	0.11	AA	BB	AA	BB	BB	BB	BB	BB	BB	BB
rs3695715	34	4	3649824	0.40	0.33	AA	AA	BB	BB	AA	AA	BB	BB	BB	BB
gnf04.002.008	34	4	5013576	0.30	0.33	AA	AA	AA	BB	AA	AA	BB	AA	BB	AA
gnf04.002.599	34	4	5606395	0.30	0.33	AA	AA	AA	BB	AA	AA	BB	AA	BB	AA
rs3660863	34	4	7127435	0.20	0.11	BB	AA	AA	AA	AA	AA	AA	AA	AA	BB
UT_4_10.84692	34	4	10826054	0.30	0.33	BB	BB	BB	AA	BB	BB	AA	BB	AA	BB
rs13477568	34	4	13764811	0.50	0.44	BB	BB	AA	AA	BB	BB	AA	AA	AA	BB
mCV22939387	34	4	15321309	0.10	0.11	AA	BB	AA	AA	AA	AA	AA	AA	AA	AA
rs6287606	34	4	18045180	0.50	0.44	BB	AA	BB	AA	BB	AA	AA	BB	AA	BB
CEL-4_19508304	34	4	19508170	0.20	0.11	AA	AA	BB	BB	BB	BB	BB	BB	BB	BB
rs13477596	34	4	20809045	0.30	0.22	BB	AA	AA	AA	BB	AA	AA	AA	AA	BB
gnf04.019.134	34	4	22448743	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
mCV22919271	34	4	24359315	0.40	0.33	AA	BB	BB	AA	BB	BB	AA	BB	AA	BB
rs13477617	34	4	27094704	0.40	0.33	AA	BB	BB	AA	BB	BB	AA	BB	AA	BB
rs3701432	34	4	29447527	0.30	0.22	AA	AA	BB	BB	BB	BB	BB	BB	BB	AA
CEL-4_30653207	34	4	30606147	0.40	0.44	AA	BB	BB	AA	AA	BB	AA	BB	AA	AA
rs3663744	34	4	31168431	0.10	0.00	BB	AA	AA	AA	AA	AA	AA	AA	AA	AA
rs3674908	34	4	32488538	0.10	0.00	BB	AA	AA	AA	AA	AA	AA	AA	AA	AA
rs13477643	34	4	35121816	0.30	0.22	BB	AA	BB	AA	AA	AA	AA	BB	AA	AA
rs3719299	34	4	36268580	0.20	0.22	BB	BB	AA	BB	BB	BB	BB	AA	BB	BB
rs3684104	34	4	38461771	0.50	0.44	AA	BB	BB	AA	BB	AA	BB	BB	AA	AA
rs13477662	34	4	39929750	0.50	0.44	AA	BB	BB	AA	BB	AA	BB	BB	AA	AA
CEL-4_40541402	34	4	40588836	0.30	0.33	AA	BB	AA	AA	BB	AA	BB	AA	AA	AA
rs3698283	34	4	43100721	0.20	0.11	BB	AA	BB	AA	AA	AA	AA	AA	AA	AA
rs13477676	34	4	44782518	0.10	0.11	AA	AA	BB	AA	AA	AA	AA	AA	AA	AA
rs13477681	34	4	46091279	0.40	0.33	AA	AA	BB	BB	AA	AA	BB	BB	BB	BB

rs3663355	34	4	48029257	0.30	0.33	AA	AA	BB	AA	BB	AA	AA	AA	AA	BB
rs3676423	34	4	51706244	0.30	0.33	BB	AA	BB	BB	BB	AA	AA	AA	BB	BB
rs13477709	34	4	53350232	0.40	0.44	AA	AA	AA	BB	AA	AA	BB	BB	BB	AA
rs3677770	34	4	54635363	0.20	0.11	BB	AA	AA	AA	AA	AA	AA	AA	BB	AA
rs6239799	34	4	56440634	0.40	0.33	AA	AA	BB	BB	BB	AA	BB	BB	BB	AA
rs13477726	34	4	57705929	0.40	0.44	AA	BB	BB	BB	AA	AA	AA	AA	AA	BB
rs3712541	34	4	59778780	0.10	0.00	BB	AA	AA	AA	AA	AA	AA	AA	AA	AA
rs3690581	34	4	61798449	0.20	0.11	BB	AA	AA	AA	AA	BB	AA	AA	AA	AA
rs6254381	34	4	62776781	0.40	0.33	AA	BB	AA	BB	BB	AA	AA	AA	BB	BB
rs13477749	34	4	65574886	0.10	0.11	AA	AA	AA	AA	AA	AA	AA	BB	AA	AA
rs3710245	34	4	69491352	0.10	0.11	AA	AA	BB	AA	AA	AA	AA	AA	AA	AA
rs13477765	34	4	70316975	0.20	0.22	AA	AA	BB	AA	AA	AA	AA	AA	BB	AA
rs6222684	34	4	71231481	0.30	0.33	AA	BB	BB	AA	AA	AA	AA	AA	BB	AA
rs13477774	34	4	72632305	0.20	0.22	AA	AA	BB	AA	AA	AA	AA	AA	BB	AA
rs13477785	34	4	75190233	0.30	0.33	BB	BB	AA	BB	BB	BB	BB	AA	AA	BB
rs3708471	34	4	75931947	0.20	0.22	AA	AA	BB	AA	AA	AA	AA	BB	AA	AA
CEL-4_77952063	34	4	78739039	0.20	0.22	AA	AA	AA	AA	AA	AA	AA	BB	BB	AA
rs4139273	34	4	80694330	0.20	0.22	BB	BB	AA	BB	BB	BB	BB	AA	BB	BB
rs3676928	34	4	81751374	0.30	0.33	BB	BB	AA	BB	BB	BB	BB	AA	AA	BB
rs3699276	34	4	82174654	0.30	0.33	AA	AA	BB	AA	AA	AA	AA	BB	BB	AA
rs3711477	34	4	85217933	0.50	0.44	AA	AA	BB	BB	AA	AA	BB	BB	BB	AA
rs6209043	34	4	88914704	0.30	0.22	BB	AA	AA	AA	AA	BB	AA	AA	BB	AA
rs13477838	34	4	90096338	0.40	0.33	BB	AA	BB	AA	BB	AA	AA	AA	AA	BB
rs6271003	34	4	91953479	0.30	0.33	AA	AA	BB	AA	BB	AA	AA	AA	AA	BB
rs3659791	34	4	94922984	0.40	0.33	BB	AA	BB	AA	AA	BB	AA	AA	BB	AA
rs13477860	34	4	96319309	0.50	0.44	AA	BB	BB	AA	BB	AA	AA	AA	BB	BB
rs13477866	34	4	98295154	0.40	0.33	AA	BB	BB	AA	BB	BB	AA	AA	BB	BB
rs13477873	34	4	100389150	0.40	0.44	BB	BB	BB	AA	BB	BB	AA	AA	AA	BB
rs6315002	34	4	102008265	0.40	0.44	BB	BB	BB	AA	BB	BB	AA	AA	BB	AA
rs13477883	34	4	102920969	0.20	0.11	BB	AA	BB	AA	AA	AA	AA	AA	AA	AA
rs6324470	34	4	104937019	0.30	0.22	AA	BB	BB	BB	AA	BB	BB	BB	AA	BB
rs6226080	34	4	107669761	0.10	0.00	BB	AA	AA	AA	AA	AA	AA	AA	AA	AA
rs3710617	34	4	108993982	0.40	0.44	AA	AA	BB	AA	BB	BB	AA	AA	BB	AA
rs3709486	34	4	110581595	0.40	0.33	BB	AA	BB	AA	AA	BB	AA	AA	BB	AA
rs6381371	34	4	114994950	0.20	0.11	BB	AA	BB	AA	AA	AA	AA	AA	AA	AA
rs3692563	34	4	117350953	0.25	0.14	BB	AA	AA	AA	BB	NN	AA	AA	NN	AA
rs3675629	34	4	120081288	0.10	0.00	BB	AA	AA	AA	AA	AA	AA	AA	AA	AA
rs13477952	34	4	121978998	0.50	0.44	AA	AA	AA	BB	AA	AA	BB	BB	BB	BB
rs13477959	34	4	123223065	0.10	0.00	BB	AA	AA	AA	AA	AA	AA	AA	AA	AA
rs13477965	34	4	125739220	0.50	0.44	BB	AA	BB	AA	BB	BB	AA	AA	AA	BB
gnf04.123.367	34	4	127057212	0.50	0.44	BB	AA	BB	AA	BB	BB	AA	AA	AA	BB
rs6355837	34	4	128740488	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
UT_4_132.137715	34	4	132212860	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
rs3663950	34	4	134610789	0.40	0.33	AA	BB	BB	AA	AA	BB	AA	BB	BB	BB
rs13478002	34	4	135555907	0.20	0.11	BB	AA	BB	AA	AA	AA	AA	AA	AA	AA
rs4224864	34	4	137089476	0.30	0.22	BB	BB	BB	AA	AA	AA	AA	AA	AA	AA
rs3688566	34	4	140451399	0.50	0.44	AA	AA	BB	BB	BB	AA	BB	BB	AA	AA
rs3719891	34	4	141420531	0.30	0.22	AA	BB	AA	BB	BB	BB	BB	AA	BB	BB
rs3023025	34	4	142097666	0.50	0.44	AA	BB	BB	AA	AA	BB	AA	AA	BB	BB
rs6230717	34	4	146392117	0.30	0.22	AA	BB	BB	BB	BB	AA	BB	AA	BB	BB
rs6268364	34	4	150508479	0.20	0.22	AA	AA	BB	AA	AA	AA	AA	BB	AA	AA
rs13478089	34	4	152922421	0.10	0.00	BB	AA	AA	AA	AA	AA	AA	AA	AA	AA
rs13478068	34	4	153710534	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
rs6279100	34	4	154676140	0.30	0.22	AA	BB	BB	AA	BB	BB	BB	AA	BB	BB
rs13478092	34	5	3601413	0.20	0.22	AA	AA	BB	AA	AA	AA	AA	BB	AA	AA
rs13478094	34	5	4310158	0.30	0.33	BB	BB	BB	AA	BB	BB	AA	BB	AA	BB
rs3664617	34	5	4474206	0.20	0.11	AA	BB	BB	BB	AA	BB	BB	BB	BB	BB

rs6402980	34	5	5438084	0.30	0.22	BB	AA	AA	AA	BB	AA	AA	BB	AA	AA
rs6307393	34	5	7652635	0.30	0.33	AA	BB	BB	AA	BB	AA	AA	AA	AA	AA
rs13478110	34	5	9754615	0.10	0.11	AA	AA	BB	AA	AA	AA	AA	AA	AA	AA
rs3714258	34	5	11811303	0.30	0.22	BB	AA	AA	AA	BB	AA	AA	BB	AA	AA
rs3687916	34	5	13777244	0.20	0.11	BB	AA	AA	AA	AA	AA	AA	BB	AA	AA
rs6353097	34	5	14258191	0.40	0.44	AA	AA	BB	AA	AA	BB	AA	AA	BB	BB
rs3692039	34	5	16281180	0.20	0.22	AA	AA	BB	AA	AA	AA	AA	AA	BB	AA
rs6234642	34	5	17739341	0.20	0.22	AA	AA	BB	AA	BB	AA	AA	AA	AA	AA
rs13478133	34	5	20066610	0.50	0.44	AA	BB	AA	BB	BB	AA	BB	AA	BB	AA
rs13478139	34	5	21470775	0.30	0.22	AA	BB	BB	AA	BB	BB	AA	BB	BB	BB
rs6349956	34	5	23335659	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
rs13478154	34	5	25555329	0.30	0.22	AA	AA	BB	BB	BB	BB	BB	BB	AA	BB
rs3696671	34	5	26150451	0.50	0.44	AA	AA	BB	BB	BB	AA	BB	BB	AA	AA
rs3680434	34	5	27213511	0.30	0.22	BB	AA	BB	AA	AA	AA	AA	AA	BB	AA
rs13469943	34	5	29536854	0.30	0.22	AA	AA	BB	BB	BB	BB	BB	BB	AA	BB
rs3700706	34	5	31122647	0.30	0.22	AA	AA	BB	BB	BB	BB	BB	BB	AA	BB
rs13459085	34	5	33396451	0.20	0.11	AA	BB	AA	BB	BB	BB	BB	BB	BB	BB
rs3673363	34	5	34006486	0.40	0.33	AA	BB	AA	BB	BB	AA	BB	BB	AA	BB
rs6341620	34	5	35608073	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
rs13478205	34	5	39796980	0.40	0.44	AA	AA	BB	AA	AA	BB	AA	BB	BB	AA
rs6215373	34	5	43060689	0.10	0.00	BB	AA	AA	AA	AA	AA	AA	AA	AA	AA
rs13478223	34	5	44115055	0.20	0.11	BB	AA	BB	AA	AA	AA	AA	AA	AA	AA
rs3659933	34	5	44836151	0.30	0.22	BB	AA	BB	AA	AA	AA	AA	BB	AA	AA
CEL-5_45872918	34	5	46008170	0.20	0.11	BB	AA	BB	AA	AA	AA	AA	AA	AA	AA
rs6192958	34	5	48110454	0.40	0.33	AA	BB	AA	BB	BB	AA	BB	BB	BB	AA
rs3714001	34	5	49507911	0.50	0.44	AA	BB	BB	AA	AA	BB	AA	BB	AA	BB
rs3660964	34	5	51208786	0.20	0.22	BB	BB	AA	BB	BB	BB	BB	AA	BB	BB
rs3664008	34	5	52467220	0.20	0.11	AA	BB	AA	BB	BB	BB	BB	BB	BB	BB
mCV23125912	34	5	54037012	0.30	0.22	BB	AA	BB	AA	AA	AA	AA	BB	AA	AA
CEL-5_56167948	34	5	56348803	0.30	0.22	AA	BB	AA	BB	BB	BB	BB	AA	BB	BB
rs3090667	34	5	59042249	0.30	0.22	BB	AA	BB	AA	AA	AA	AA	AA	BB	AA
rs6354160	34	5	60311861	0.50	0.44	AA	BB	AA	AA	AA	AA	BB	BB	BB	BB
rs6187409	34	5	61608732	0.20	0.11	AA	BB	AA	BB	BB	BB	BB	BB	BB	BB
mCV23386455	34	5	62987260	0.20	0.11	AA	BB	AA	BB	BB	BB	BB	BB	BB	BB
rs4225248	34	5	65427460	0.20	0.11	AA	BB	BB	BB	BB	AA	BB	BB	BB	BB
rs13478309	34	5	65913261	0.30	0.22	BB	AA	BB	AA	AA	BB	AA	AA	AA	AA
gnf05.061.650	34	5	66114165	0.20	0.11	BB	AA	AA	AA	AA	BB	AA	AA	AA	AA
rs3695107	34	5	69180224	0.20	0.22	BB	BB	AA	BB	BB	BB	BB	AA	BB	BB
rs6340166	34	5	71580143	0.50	0.44	BB	AA	BB	AA	BB	BB	AA	BB	AA	AA
rs6161105	34	5	73229892	0.50	0.44	AA	AA	BB	BB	AA	AA	BB	BB	BB	AA
mCV22996021	34	5	75577195	0.40	0.33	BB	AA	BB	AA	AA	AA	AA	BB	AA	BB
rs13478337	34	5	76689850	0.10	0.11	BB	BB	AA	BB	BB	BB	BB	BB	BB	BB
rs13478352	34	5	80384198	0.20	0.22	BB	BB	AA	BB	BB	BB	BB	AA	BB	BB
rs3721607	34	5	81764322	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
rs3667334	34	5	82302861	0.20	0.11	AA	BB	BB	BB	BB	AA	BB	BB	BB	BB
rs13459087	34	5	86353730	0.40	0.33	AA	BB	BB	BB	AA	AA	BB	BB	BB	AA
CEL-5_87173557	34	5	87661649	0.30	0.22	AA	BB	BB	BB	AA	BB	BB	BB	BB	AA
gnf05.084.686	34	5	88851457	0.30	0.22	AA	BB	BB	BB	AA	BB	BB	BB	BB	AA
rs13478388	34	5	90176006	0.30	0.22	AA	BB	AA	BB	BB	BB	BB	BB	BB	AA
rs6232866	34	5	91446746	0.20	0.11	AA	AA	BB	BB	BB	BB	BB	BB	BB	BB
rs13478402	34	5	95208501	0.10	0.00	BB	AA	AA	AA	AA	AA	AA	AA	AA	AA
CEL-5_93945748	34	5	95656924	0.10	0.00	BB	AA	AA	AA	AA	AA	AA	AA	AA	AA
rs3661241	34	5	96855453	0.20	0.11	BB	BB	AA	AA	AA	AA	AA	AA	AA	AA
rs3705458	34	5	98318950	0.10	0.00	BB	AA	AA	AA	AA	AA	AA	AA	AA	AA
rs13478433	34	5	102963755	0.40	0.44	BB	AA	AA	BB	AA	BB	BB	BB	AA	BB

rs6378343	34	6	64060912	0.30	0.33	AA	AA	AA	BB	AA	AA	BB	AA	BB	AA
rs13478801	34	6	65359783	0.30	0.33	AA	AA	AA	BB	AA	AA	BB	AA	BB	AA
rs6353425	34	6	67688197	0.10	0.11	AA	BB	AA	AA	AA	AA	AA	AA	AA	AA
rs6195266	34	6	69728096	0.20	0.22	BB	AA	BB	BB	AA	BB	BB	BB	BB	BB
mhcCD8b4	34	6	71660156	0.50	0.44	AA	BB	AA	BB	BB	AA	BB	AA	BB	AA
rs13478819	34	6	73645909	0.40	0.44	BB	AA	AA	BB	BB	AA	BB	BB	BB	AA
rs3672029	34	6	75738413	0.50	0.44	BB	BB	AA	AA	BB	AA	AA	BB	AA	BB
rs3699367	34	6	76786278	0.30	0.22	AA	BB	AA	BB	AA	BB	BB	BB	BB	BB
rs13478841	34	6	78589836	0.40	0.44	BB	BB	AA	BB	AA	BB	BB	AA	BB	AA
rs6377140	34	6	80143766	0.50	0.44	AA	BB	BB	AA	AA	BB	AA	BB	AA	BB
rs6181382	34	6	81785110	0.50	0.44	AA	BB	AA	AA	BB	BB	AA	BB	AA	BB
CEL-6_83434907	34	6	83541094	0.50	0.44	AA	BB	AA	AA	BB	BB	AA	BB	AA	BB
rs13459097	34	6	85240500	0.50	0.44	AA	BB	BB	AA	BB	BB	AA	AA	AA	BB
CEL-6_86289708	34	6	86390573	0.30	0.22	BB	AA	AA	AA	BB	AA	AA	BB	AA	AA
rs13478882	34	6	90100673	0.40	0.33	AA	BB	BB	BB	AA	BB	BB	AA	BB	AA
rs13478891	34	6	92459063	0.40	0.44	AA	BB	BB	AA	AA	BB	AA	AA	BB	AA
rs6285738	34	6	93989603	0.40	0.44	BB	AA	BB	AA	BB	BB	AA	BB	BB	AA
rs6239023	34	6	94509961	0.50	0.44	BB	BB	AA	BB	AA	AA	AA	AA	BB	AA
rs6349084	34	6	97210986	0.40	0.44	BB	AA	BB	BB	BB	AA	BB	AA	AA	BB
rs13478919	34	6	98392953	0.40	0.44	AA	AA	AA	AA	AA	BB	AA	BB	BB	BB
rs4138572	34	6	98878898	0.30	0.22	AA	BB	AA	BB	BB	BB	BB	BB	BB	AA
rs3718735	34	6	101598128	0.30	0.22	AA	BB	BB	BB	BB	AA	BB	BB	BB	AA
rs13478943	34	6	104230337	0.20	0.22	AA	BB	BB	AA	AA	AA	AA	AA	AA	AA
rs6208251	34	6	105371149	0.40	0.33	BB	BB	BB	AA	AA	AA	AA	AA	BB	AA
rs13478952	34	6	106798840	0.50	0.44	BB	BB	BB	AA	AA	BB	AA	AA	AA	BB
rs3670475	34	6	110505662	0.40	0.33	AA	BB	AA	BB	BB	AA	BB	AA	BB	BB
rs13478971	34	6	111857999	0.20	0.11	BB	AA	BB	AA	AA	AA	AA	AA	AA	AA
rs13478977	34	6	113087220	0.40	0.44	AA	BB	AA	AA	AA	BB	AA	AA	BB	BB
rs6393943	34	6	114978812	0.50	0.44	BB	AA	AA	BB	BB	AA	BB	BB	AA	AA
rs6401637	34	6	116527859	0.20	0.11	AA	BB	BB	BB	BB	BB	BB	AA	BB	BB
mCV23042866	34	6	117194262	0.40	0.33	AA	BB	BB	BB	BB	AA	BB	AA	BB	AA
rs13478997	34	6	118504993	0.40	0.33	AA	BB	BB	AA	BB	BB	AA	AA	BB	BB
rs3695724	34	6	120439576	0.20	0.11	AA	BB	BB	BB	BB	AA	BB	BB	BB	BB
rs13479006	34	6	121731558	0.40	0.33	AA	BB	BB	BB	BB	AA	BB	BB	AA	AA
gnf06.122.747	34	6	124669172	0.40	0.33	BB	AA	BB	AA	AA	BB	AA	AA	AA	BB
rs13479014	34	6	125704592	0.20	0.11	AA	BB	AA	BB	BB	BB	BB	BB	BB	BB
rs6200835	34	6	126379586	0.10	0.11	AA	AA	BB	AA	AA	AA	AA	AA	AA	AA
rs6389420	34	6	127718380	0.20	0.11	AA	BB	AA	BB	BB	BB	BB	BB	BB	BB
rs3681620	34	6	128693592	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
CEL-6_130920075	34	6	130946152	0.20	0.11	AA	AA	BB	BB	BB	BB	BB	BB	BB	BB
rs3722480	34	6	132087045	0.20	0.11	BB	AA	BB	AA	AA	AA	AA	AA	AA	AA
rs6339546	34	6	134724289	0.30	0.22	AA	BB	AA	BB	BB	BB	BB	BB	BB	AA
rs13479053	34	6	135007789	0.30	0.22	AA	BB	AA	BB	BB	BB	BB	BB	BB	AA
rs3023102	34	6	136143694	0.10	0.00	BB	AA	AA	AA	AA	AA	AA	AA	AA	AA
rs13479063	34	6	137153262	0.30	0.22	BB	AA	BB	AA	AA	BB	AA	AA	AA	AA
rs13479071	34	6	139046970	0.30	0.33	BB	BB	AA	BB	BB	AA	BB	BB	BB	AA
rs3672808	34	6	140649996	0.30	0.22	BB	AA	BB	AA	AA	AA	AA	AA	AA	BB
rs6329892	34	6	143263588	0.20	0.22	AA	BB	AA	AA	AA	BB	AA	AA	AA	AA
rs3658783	34	6	145161393	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
rs6265387	34	6	148180347	0.50	0.44	AA	BB	BB	BB	AA	BB	AA	BB	AA	AA
rs3711088	34	6	149245769	0.20	0.11	AA	BB	BB	BB	BB	AA	BB	BB	BB	BB
gnf06.149.306	34	6	150201698	0.40	0.33	AA	AA	BB	AA	BB	BB	BB	BB	BB	AA
rs3700068	34	7	3466674	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
rs3714915	34	7	3597558	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
rs6384973	34	7	4335082	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
rs3659551	34	7	6163078	0.50	0.44	BB	AA	AA	AA	BB	BB	BB	AA	BB	AA
mCV23738426	34	7	8465811	0.50	0.44	BB	AA	AA	AA	BB	BB	BB	AA	BB	AA

CEL-7_5627457	34	7	9667085	0.30	0.33	BB	AA	BB	BB	BB	BB	BB	AA	BB	AA
rs3658362	34	7	11070492	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
rs13479139	34	7	13511312	0.50	0.44	AA	AA	BB	BB	BB	AA	BB	AA	BB	AA
rs6361142	34	7	14579796	0.50	0.44	AA	AA	BB	BB	BB	AA	BB	AA	BB	AA
rs3689218	34	7	15892572	0.40	0.44	BB	BB	BB	BB	AA	AA	BB	AA	AA	BB
gnf07.013.809	34	7	16272251	0.40	0.33	AA	BB	BB	BB	AA	AA	BB	AA	BB	BB
rs13479153	34	7	20115680	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
CEL-7_17114061	34	7	23551010	0.40	0.33	AA	AA	BB	BB	AA	BB	BB	BB	AA	BB
rs4226499	34	7	24238178	0.30	0.33	BB	BB	BB	AA	BB	BB	AA	BB	BB	AA
rs4226520	34	7	25196170	0.40	0.33	BB	AA	AA	BB	AA	BB	BB	AA	AA	AA
rs3147860	34	7	25931329	0.40	0.44	AA	BB	BB	AA	BB	AA	AA	AA	AA	BB
rs3719311	34	7	29386854	0.50	0.44	BB	AA	AA	BB	AA	BB	BB	AA	BB	AA
rs6239372	34	7	29852643	0.50	0.44	AA	BB	BB	AA	AA	BB	AA	AA	BB	BB
rs13479191	34	7	31295837	0.22	0.25	BB	NN	BB	BB	BB	BB	BB	BB	AA	AA
gnf07.032.889	34	7	35042066	0.40	0.44	AA	BB	AA	AA	AA	BB	AA	BB	BB	AA
rs4232449	34	7	35443263	0.10	0.11	AA	AA	AA	AA	AA	AA	AA	AA	BB	AA
rs3719256	34	7	38614565	0.20	0.11	AA	BB	BB	BB	BB	BB	BB	AA	BB	BB
rs8255275	34	7	40252358	0.40	0.44	BB	BB	AA	BB	BB	BB	AA	AA	AA	BB
rs8260975	34	7	40512757	0.40	0.44	AA	AA	BB	AA	AA	AA	BB	AA	BB	BB
CEL-7_36725559	34	7	43396959	0.40	0.33	AA	BB	BB	AA	AA	BB	BB	AA	BB	BB
rs3699938	34	7	45188946	0.50	0.44	BB	AA	BB	AA	AA	AA	BB	AA	BB	BB
rs13479251	34	7	46574481	0.20	0.11	BB	AA	AA	AA	AA	AA	AA	AA	AA	BB
rs3718641	34	7	47876082	0.40	0.44	AA	AA	BB	AA	AA	AA	BB	AA	BB	BB
rs3663313	34	7	50402218	0.40	0.33	BB	AA	AA	AA	AA	AA	AA	BB	BB	BB
mCV23672419	34	7	51846900	0.20	0.22	AA	AA	AA	AA	AA	BB	AA	AA	AA	BB
rs13479277	34	7	52987588	0.30	0.22	AA	BB	BB	BB	BB	AA	BB	BB	BB	AA
mCV23423763	34	7	54746470	0.30	0.22	AA	BB	BB	BB	BB	AA	BB	BB	BB	AA
rs3679779	34	7	58178948	0.40	0.33	AA	BB	BB	BB	BB	AA	BB	BB	AA	AA
rs3714908	34	7	58396873	0.30	0.22	BB	AA	AA	AA	AA	AA	AA	BB	BB	AA
rs6160140	34	7	60165513	0.30	0.22	BB	AA	AA	AA	AA	BB	AA	BB	AA	AA
rs3705155	34	7	62406788	0.40	0.33	BB	AA	AA	AA	AA	BB	AA	AA	BB	BB
rs13479319	34	7	63680922	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
rs13479324	34	7	64728468	0.40	0.33	AA	BB	BB	BB	BB	AA	BB	BB	AA	AA
rs3676254	34	7	66569463	0.10	0.00	BB	AA	AA	AA	AA	AA	AA	AA	AA	AA
rs13479338	34	7	67953758	0.20	0.11	BB	AA	AA	AA	AA	BB	AA	AA	AA	AA
rs13479347	34	7	70076401	0.20	0.11	BB	AA	AA	AA	AA	AA	AA	AA	AA	BB
rs13479355	34	7	72075674	0.40	0.44	BB	AA	BB	BB	AA	AA	BB	AA	BB	BB
rs13479358	34	7	73495420	0.50	0.44	AA	BB	AA	AA	BB	BB	AA	BB	AA	BB
rs13479363	34	7	74944660	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
rs6213614	34	7	76138625	0.50	0.44	AA	BB	AA	AA	BB	BB	AA	BB	AA	BB
rs13479375	34	7	78122918	0.40	0.44	AA	AA	BB	BB	AA	AA	BB	AA	BB	AA
rs13479385	34	7	81106880	0.50	0.44	AA	BB	AA	AA	BB	BB	AA	BB	AA	BB
rs13479395	34	7	84051496	0.20	0.11	BB	AA	BB	AA	AA	AA	AA	AA	AA	AA
CEL-7_77850273	34	7	84667266	0.40	0.33	AA	BB	BB	AA	BB	BB	AA	BB	AA	BB
rs4226783	34	7	86973716	0.50	0.44	BB	BB	AA	AA	BB	AA	AA	BB	AA	BB
rs13479414	34	7	89544552	0.20	0.11	BB	AA	BB	AA	AA	AA	AA	AA	AA	AA
rs3699086	34	7	90144353	0.30	0.33	BB	BB	BB	AA	BB	BB	AA	BB	AA	BB
rs3707067	34	7	92812464	0.40	0.33	BB	AA	AA	BB	AA	AA	BB	AA	BB	AA
rs13479427	34	7	94118141	0.50	0.44	BB	AA	AA	BB	AA	AA	BB	AA	BB	BB
rs3713052	34	7	95875736	0.30	0.22	AA	AA	BB	BB	BB	BB	BB	BB	BB	AA
rs6357312	34	7	96347259	0.30	0.22	BB	BB	AA	AA	AA	AA	AA	AA	AA	BB
rs3673653	34	7	101025866	0.30	0.22	AA	BB	BB	BB	BB	AA	BB	BB	BB	AA
rs6386601	34	7	101552854	0.40	0.44	BB	BB	AA	AA	BB	BB	AA	BB	AA	BB
rs13479455	34	7	103311035	0.20	0.22	AA	BB	AA	AA	BB	AA	AA	AA	AA	AA
rs13479461	34	7	105801690	0.10	0.00	BB	AA	AA	AA	AA	AA	AA	AA	AA	AA
rs6194926	34	7	108222953	0.30	0.22	BB	AA	BB	AA	AA	BB	AA	AA	AA	AA
rs13479477	34	7	111114326	0.40	0.44	BB	BB	AA	AA	BB	BB	AA	BB	AA	BB

rs3023159	34	7	113158723	0.40	0.44	AA	AA	AA	BB	AA	AA	BB	BB	BB	AA
rs3709679	34	7	114003599	0.40	0.44	BB	BB	BB	AA	BB	BB	AA	AA	AA	BB
rs6275579	34	7	117862298	0.40	0.44	BB	AA	BB	BB	AA	AA	BB	BB	BB	AA
rs13479506	34	7	118729047	0.50	0.44	BB	BB	AA	BB	AA	AA	BB	AA	BB	AA
rs3682038	34	7	120389883	0.30	0.33	BB	AA	AA	BB	BB	AA	BB	BB	BB	BB
rs13479517	34	7	122040314	0.10	0.11	AA	AA	BB	AA	AA	AA	AA	AA	AA	AA
CEL-7_115892950	34	7	122464255	0.40	0.44	BB	BB	BB	BB	AA	BB	AA	AA	BB	AA
rs13479522	34	7	123110130	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
rs13479535	34	7	125935621	0.20	0.22	BB	BB	AA	BB	BB	BB	BB	BB	BB	AA
rs3716088	34	7	127364488	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
CEL-7_122752866	34	7	129495978	0.40	0.44	BB	BB	BB	AA	AA	AA	BB	BB	AA	BB
rs13479553	34	7	131656178	0.30	0.33	AA	AA	AA	BB	AA	AA	AA	AA	AA	BB
rs3663988	34	7	133714881	0.30	0.22	BB	AA	AA	BB	BB	AA	AA	AA	AA	AA
rs3711570	34	8	3578501	0.30	0.33	AA	AA	BB	AA	AA	AA	AA	BB	AA	BB
rs6360601	34	8	6170629	0.20	0.22	BB	BB	AA	BB	BB	BB	BB	AA	BB	BB
rs6153168	34	8	7665403	0.30	0.33	AA	AA	BB	AA	AA	BB	AA	AA	AA	BB
rs13479608	34	8	11040004	0.10	0.11	AA	AA	BB	AA	AA	AA	AA	AA	AA	AA
rs6410533	34	8	13680079	0.00	0.00	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
rs13479619	34	8	14657854	0.20	0.11	BB	AA	BB	AA	AA	AA	AA	AA	AA	AA
rs3657963	34	8	15915121	0.20	0.11	BB	AA	AA	AA	BB	AA	AA	AA	AA	AA
gnf08.014.711	34	8	17507875	0.20	0.11	BB	AA	AA	AA	BB	AA	AA	AA	AA	AA
mCV24845756	34	8	19827270	0.20	0.11	AA	BB	BB	BB	AA	BB	BB	BB	BB	BB
rs4140004	34	8	21284927	0.10	0.00	BB	AA	AA	AA	AA	AA	AA	AA	AA	AA
rs3661760	34	8	22201874	0.10	0.00	BB	AA	AA	AA	AA	AA	AA	AA	AA	AA
rs13479656	34	8	24257228	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
CEL-8_25963079	34	8	25908510	0.30	0.33	BB	BB	BB	BB	AA	BB	AA	BB	AA	BB
rs13479673	34	8	28012378	0.10	0.00	BB	AA	AA	AA	AA	AA	AA	AA	AA	AA
rs4227096	34	8	30051584	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
rs3706948	34	8	30662553	0.10	0.00	BB	AA	AA	AA	AA	AA	AA	AA	AA	AA
CEL-8_33812776	34	8	33652415	0.20	0.11	AA	BB	BB	BB	BB	AA	BB	BB	BB	BB
rs3665028	34	8	34997533	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
rs3667738	34	8	37365398	0.10	0.00	BB	AA	AA	AA	AA	AA	AA	AA	AA	AA
rs13479716	34	8	38603822	0.20	0.11	BB	AA	BB	AA	AA	AA	AA	AA	AA	AA
rs3703811	34	8	39600264	0.10	0.00	BB	AA	AA	AA	AA	AA	AA	AA	AA	AA
rs3666140	34	8	41905363	0.30	0.22	AA	BB	BB	BB	BB	BB	AA	BB	AA	BB
rs6386110	34	8	43755772	0.30	0.22	AA	BB	BB	BB	BB	BB	AA	BB	AA	BB
UT_8_46.498556	34	8	45586254	0.10	0.11	BB	BB	AA	BB	BB	BB	BB	BB	BB	BB
rs3719401	34	8	48606641	0.40	0.44	BB	BB	AA	AA	BB	AA	BB	BB	BB	AA
rs13479755	34	8	49920176	0.30	0.33	AA	AA	BB	AA	AA	BB	AA	AA	AA	BB
CEL-8_51607005	34	8	51402145	0.30	0.33	BB	BB	AA	BB	BB	AA	BB	BB	BB	AA
rs13479768	34	8	53323626	0.40	0.44	BB	BB	AA	AA	BB	AA	BB	BB	BB	AA
rs13479776	34	8	55433511	0.20	0.22	AA	AA	BB	BB	AA	AA	AA	AA	AA	AA
rs3725286	34	8	56395798	0.30	0.33	BB	AA	AA	AA	BB	BB	BB	BB	BB	BB
rs3707439	34	8	57982909	0.50	0.44	BB	BB	BB	BB	AA	AA	AA	AA	AA	BB
rs3672639	34	8	60269396	0.30	0.22	BB	AA	BB	AA	AA	AA	AA	AA	AA	BB
rs13479793	34	8	61047443	0.30	0.22	AA	BB	AA	BB	BB	BB	BB	BB	BB	AA
rs6372901	34	8	63188480	0.50	0.44	AA	AA	AA	BB	BB	AA	BB	BB	BB	AA
rs13479807	34	8	64726895	0.40	0.33	AA	BB	AA	BB	BB	AA	BB	BB	BB	AA
rs13479811	34	8	66162429	0.40	0.33	AA	BB	AA	BB	BB	BB	BB	AA	BB	AA
rs3656875	34	8	67345842	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
rs3699406	34	8	69113866	0.20	0.11	BB	BB	AA	AA	AA	AA	AA	AA	AA	AA
rs3667475	34	8	70614078	0.30	0.22	BB	BB	AA	AA	BB	AA	AA	AA	AA	AA
rs13479830	34	8	72130547	0.30	0.22	BB	BB	AA	AA	BB	AA	AA	AA	AA	AA
rs4227253	34	8	74291119	0.40	0.33	AA	AA	BB	BB	AA	AA	BB	BB	BB	BB
rs3696502	34	8	74904610	0.30	0.22	BB	AA	AA	AA	AA	BB	BB	AA	AA	AA
rs3698093	34	8	77238455	0.30	0.33	AA	BB	AA	AA	AA	AA	BB	AA	AA	BB
CZECH-8_78291790	34	8	78382775	0.20	0.22	BB	AA	BB	BB	BB	AA	BB	BB	BB	BB

rs4227276	34	8	80197473	0.30	0.33	AA	AA	AA	BB	AA	AA	BB	AA	BB	AA
rs13479863	34	8	82180940	0.30	0.33	BB	BB	BB	AA	BB	BB	AA	BB	AA	BB
rs13479871	34	8	84337163	0.40	0.33	BB	AA	BB	AA	BB	AA	AA	BB	AA	AA
rs6257357	34	8	84820336	0.30	0.22	AA	AA	BB	BB	BB	BB	BB	BB	BB	AA
rs13479880	34	8	86030731	0.30	0.33	AA	AA	BB	AA	BB	AA	AA	BB	AA	AA
rs13479882	34	8	86386711	0.40	0.44	BB	BB	BB	AA	BB	AA	AA	BB	AA	BB
rs13479884	34	8	86942837	0.40	0.33	BB	BB	AA	AA	AA	AA	BB	AA	AA	BB
rs6391152	34	8	89140463	0.20	0.11	AA	BB	BB	BB	BB	BB	AA	BB	BB	BB
rs13479922	34	8	91816987	0.20	0.11	BB	AA	AA	AA	AA	AA	BB	AA	AA	AA
rs4137596	34	8	93973770	0.50	0.44	AA	AA	AA	BB	AA	BB	BB	BB	BB	AA
rs6285803	34	8	95258758	0.40	0.33	AA	BB	BB	AA	BB	BB	AA	BB	AA	BB
rs6287320	34	8	96674141	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
rs13479947	34	8	98596574	0.30	0.33	AA	AA	AA	AA	BB	BB	AA	AA	AA	BB
rs3706149	34	8	100709706	0.20	0.11	BB	AA	AA	AA	BB	AA	AA	AA	AA	AA
rs3669235	34	8	101340068	0.30	0.22	AA	BB	AA	AA	BB	BB	BB	AA	BB	BB
rs13479956	34	8	101622277	0.20	0.11	BB	AA	AA	AA	BB	AA	AA	AA	AA	AA
rs3705275	34	8	102626121	0.50	0.44	AA	AA	BB	BB	AA	AA	BB	BB	BB	AA
gnf08.108.032	34	8	106104093	0.40	0.33	AA	AA	BB	BB	BB	AA	BB	BB	BB	AA
rs3662808	34	8	108709999	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
rs6237645	34	8	109315196	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
rs13479995	34	8	113011383	0.30	0.22	AA	AA	BB	BB	BB	AA	BB	BB	BB	BB
rs4227398	34	8	113688369	0.20	0.22	BB	BB	AA	BB	BB	BB	BB	BB	BB	AA
gnf08.118.027	34	8	116136203	0.50	0.44	AA	AA	AA	BB	AA	BB	BB	AA	BB	BB
rs13480014	34	8	117917751	0.40	0.44	BB	BB	BB	AA	BB	BB	AA	AA	BB	AA
rs3708073	34	8	121141821	0.30	0.22	AA	BB	BB	AA	BB	BB	BB	BB	AA	BB
rs6377872	34	8	121732549	0.30	0.22	BB	AA	AA	BB	AA	AA	AA	AA	BB	AA
rs3705725	34	8	123255640	0.50	0.44	AA	AA	BB	AA	BB	BB	BB	BB	AA	AA
rs6400423	34	8	125870311	0.40	0.33	AA	AA	BB	BB	BB	AA	BB	BB	BB	AA
rs3697596	34	8	127140358	0.40	0.33	AA	AA	BB	BB	BB	AA	BB	BB	BB	AA
mCV23893269	34	9	3965920	0.22	0.25	BB	NN	AA	BB	AA	BB	BB	BB	BB	BB
mCV23053483	34	9	6811485	0.20	0.22	BB	BB	AA	BB	AA	BB	BB	BB	BB	BB
rs13480065	34	9	9300450	0.20	0.22	BB	BB	AA	BB	AA	BB	BB	BB	BB	BB
mCV25073238	34	9	10596883	0.40	0.44	AA	AA	AA	AA	AA	AA	BB	BB	BB	BB
rs13480071	34	9	12385785	0.50	0.44	BB	AA	BB	BB	BB	BB	AA	AA	AA	AA
gnf09.012.310	34	9	17874218	0.30	0.33	BB	BB	AA	AA	BB	AA	BB	BB	BB	BB
rs13480092	34	9	18979265	0.30	0.33	AA	AA	BB	AA	AA	BB	AA	AA	AA	BB
rs8270115	34	9	21850542	0.20	0.22	BB	AA	BB	BB	BB	AA	BB	BB	BB	BB
rs13480103	34	9	23301442	0.40	0.44	BB	BB	AA	AA	BB	AA	BB	BB	BB	AA
rs3088801	34	9	24893288	0.40	0.44	AA	BB	AA	BB	AA	BB	AA	AA	AA	BB
rs13480112	34	9	26499945	0.20	0.22	BB	BB	AA	AA	BB	BB	BB	BB	BB	BB
rs6404775	34	9	27958485	0.30	0.33	AA	AA	AA	BB	AA	BB	AA	AA	AA	BB
rs6385855	34	9	29550589	0.40	0.44	AA	BB	AA	AA	BB	BB	AA	AA	AA	BB
rs13480122	34	9	31075460	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
rs3655898	34	9	33591854	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
rs3711756	34	9	34371895	0.30	0.22	AA	BB	BB	BB	BB	AA	BB	BB	BB	AA
UT_9_35.918713	34	9	35126502	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
rs13480141	34	9	36886550	0.50	0.44	AA	BB	BB	AA	AA	AA	BB	BB	AA	BB
rs6413270	34	9	37884050	0.30	0.33	BB	BB	BB	BB	AA	AA	BB	BB	AA	BB
rs13480150	34	9	39667182	0.40	0.33	BB	AA	AA	AA	BB	BB	AA	AA	BB	AA
rs3714664	34	9	40657852	0.30	0.22	BB	BB	AA	AA	AA	BB	AA	AA	AA	AA
rs4135590	34	9	42946946	0.30	0.22	AA	BB	BB	BB	AA	AA	BB	BB	BB	BB
rs13462199	34	9	44625673	0.20	0.11	AA	BB	BB	AA	BB	BB	BB	BB	BB	BB
rs13480173	34	9	46544456	0.30	0.22	AA	BB	AA	BB	AA	BB	BB	BB	BB	BB
rs6395817	34	9	47431404	0.30	0.22	AA	BB	AA	BB	BB	BB	BB	BB	BB	AA
gnf09.042.496	34	9	48227141	0.20	0.11	AA	BB	AA	BB	BB	BB	BB	BB	BB	BB
rs13480186	34	9	50230458	0.30	0.22	BB	AA	BB	BB	AA	AA	AA	AA	AA	AA
rs3723670	34	9	52590310	0.30	0.22	AA	BB	BB	BB	AA	BB	BB	BB	AA	BB

rs13480208	34	9	55303955	0.40	0.44	BB	BB	AA	AA	BB	AA	BB	BB	AA	BB
rs3666398	34	9	56699850	0.50	0.44	BB	BB	AA	BB	AA	BB	AA	BB	AA	AA
rs13480217	34	9	57932845	0.40	0.33	BB	AA	BB	BB	AA	AA	AA	BB	AA	AA
rs6224703	34	9	60104660	0.30	0.22	AA	BB	BB	BB	AA	BB	BB	AA	BB	BB
rs3714012	34	9	61276384	0.40	0.33	BB	AA	AA	BB	AA	AA	AA	BB	BB	AA
gnf09.057.223	34	9	63126685	0.20	0.22	AA	AA	AA	BB	AA	AA	AA	AA	BB	AA
rs3655717	34	9	65587430	0.40	0.33	AA	BB	BB	AA	AA	BB	BB	AA	BB	BB
rs6174757	34	9	68265359	0.40	0.33	BB	BB	AA	BB	AA	AA	AA	AA	BB	AA
rs6355445	34	9	70093236	0.40	0.33	AA	AA	AA	BB	AA	BB	BB	BB	BB	BB
rs3721056	34	9	71176259	0.20	0.11	BB	AA	AA	AA	BB	AA	AA	AA	AA	AA
rs13480271	34	9	72961020	0.20	0.11	BB	AA	BB	AA	AA	AA	AA	AA	AA	AA
rs3724833	34	9	75026985	0.20	0.11	BB	AA	AA	AA	AA	BB	AA	AA	AA	AA
rs13480285	34	9	76711925	0.20	0.11	BB	AA	BB	AA	AA	AA	AA	AA	AA	AA
rs6257131	34	9	78862899	0.10	0.11	AA	AA	BB	AA	AA	AA	AA	AA	AA	AA
gnf09.074.193	34	9	80260876	0.20	0.11	BB	AA	BB	AA	AA	AA	AA	AA	AA	AA
rs6223687	34	9	82105678	0.30	0.33	BB	AA	BB	AA	AA	BB	BB	BB	BB	BB
rs3676124	34	9	83450102	0.30	0.22	BB	AA	AA	BB	BB	AA	AA	AA	AA	AA
rs3695050	34	9	85485392	0.50	0.44	BB	AA	BB	BB	BB	AA	AA	AA	BB	AA
rs3700596	34	9	86645978	0.20	0.11	AA	BB	BB	AA	BB	BB	BB	BB	BB	BB
rs3669564	34	9	88247268	0.40	0.33	AA	AA	BB	AA	AA	BB	BB	BB	BB	BB
gnf09.087.298	34	9	90572378	0.30	0.22	BB	BB	AA	AA	AA	AA	AA	AA	BB	AA
rs13480345	34	9	92118759	0.50	0.44	AA	AA	AA	AA	AA	BB	BB	BB	BB	BB
rs13480351	34	9	94192229	0.30	0.22	BB	AA	AA	AA	BB	AA	AA	AA	BB	AA
CEL-9_95875215	34	9	95929537	0.20	0.11	BB	BB	AA	AA	AA	AA	AA	AA	AA	AA
rs3689336	34	9	96311466	0.30	0.22	AA	AA	BB	BB	AA	BB	BB	BB	BB	BB
rs13480365	34	9	98478670	0.30	0.22	BB	AA	BB	AA	BB	AA	AA	AA	AA	AA
rs6385971	34	9	99767012	0.50	0.44	AA	AA	AA	BB	BB	AA	BB	BB	BB	AA
rs3717654	34	9	101934506	0.20	0.11	AA	BB	BB	BB	BB	BB	BB	BB	BB	AA
rs13480386	34	9	103602753	0.50	0.44	AA	BB	AA	AA	AA	AA	BB	BB	BB	BB
rs3711089	34	9	105473772	0.40	0.33	AA	BB	BB	AA	BB	AA	BB	BB	BB	AA
rs13480399	34	9	106278521	0.20	0.11	BB	AA	AA	BB	AA	AA	AA	AA	AA	AA
rs13480407	34	9	108732414	0.20	0.11	AA	BB	AA	BB	BB	BB	BB	BB	BB	BB
rs13480413	34	9	109903120	0.50	0.44	AA	BB	AA	AA	BB	AA	BB	BB	BB	AA
rs13480421	34	9	111899990	0.50	0.44	BB	AA	AA	AA	AA	BB	BB	BB	AA	BB
gnf09.110.002	34	9	113344018	0.20	0.11	BB	AA	BB	AA	AA	AA	AA	AA	AA	AA
rs6320810	34	9	115127089	0.40	0.33	AA	AA	BB	AA	BB	BB	BB	BB	AA	BB
rs3669563	34	9	117915299	0.40	0.33	BB	BB	AA	BB	AA	AA	AA	AA	BB	AA
rs13459114	34	9	121929949	0.40	0.33	AA	AA	AA	BB	BB	BB	BB	BB	BB	AA
rs6304156	34	9	123171764	0.40	0.44	BB	BB	AA	BB	BB	AA	AA	AA	BB	BB
rs3721803	34	10	3498455	0.10	0.00	BB	AA	AA	AA	AA	AA	AA	AA	AA	AA
CEL-10_3989939	34	10	4145275	0.50	0.44	AA	BB	AA	BB	AA	BB	BB	AA	BB	AA
rs13480473	34	10	4933549	0.40	0.44	AA	AA	BB	AA	BB	AA	AA	BB	AA	BB
rs6185923	34	10	5539802	0.20	0.11	BB	BB	AA	AA	AA	AA	AA	AA	AA	AA
rs3664101	34	10	9481011	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
rs3685588	34	10	10705123	0.20	0.11	AA	BB	BB	BB	BB	AA	BB	BB	BB	BB
rs4228112	34	10	12890875	0.40	0.44	BB	BB	AA	BB	AA	BB	BB	BB	AA	BB
rs3686911	34	10	14302366	0.30	0.22	AA	BB	AA	BB	BB	AA	BB	BB	BB	BB
rs3699409	34	10	15727877	0.10	0.00	BB	AA	AA	AA	AA	AA	AA	AA	AA	AA
rs3712394	34	10	17868999	0.20	0.11	AA	BB	BB	BB	BB	AA	BB	BB	BB	BB
rs13480527	34	10	19543688	0.50	0.44	BB	BB	BB	AA	BB	BB	AA	AA	AA	AA
rs13459119	34	10	20252887	0.20	0.11	AA	BB	BB	AA	BB	BB	BB	BB	BB	BB
rs3679120	34	10	22900298	0.50	0.44	AA	BB	BB	AA	BB	BB	BB	AA	AA	AA
rs13480547	34	10	24462070	0.40	0.33	AA	AA	BB	AA	BB	BB	BB	BB	AA	BB
rs13480554	34	10	25935801	0.30	0.22	BB	AA	AA	BB	AA	AA	AA	AA	BB	AA
rs13480563	34	10	28166555	0.30	0.33	AA	BB	AA	BB	AA	AA	AA	AA	BB	AA
gnf10.026.889	34	10	28988822	0.20	0.11	AA	BB	AA	BB	BB	BB	BB	BB	BB	BB
rs13480569	34	10	30753585	0.50	0.44	BB	AA	BB	AA	BB	BB	BB	AA	AA	AA

rs13480570	34	10	31048891	0.50	0.44	AA	BB	AA	BB	AA	AA	AA	BB	BB	BB
rs13480578	34	10	34640648	0.10	0.00	BB	AA	AA	AA	AA	AA	AA	AA	AA	AA
rs13480579	34	10	36269131	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
rs13480581	34	10	39034868	0.30	0.33	BB	BB	AA	AA	BB	BB	BB	BB	AA	BB
rs3716113	34	10	42808357	0.10	0.11	AA	AA	BB	AA	AA	AA	AA	AA	AA	AA
rs13480601	34	10	44421843	0.20	0.11	BB	AA	AA	AA	BB	AA	AA	AA	AA	AA
CEL-10_46671493	34	10	46863572	0.40	0.44	AA	AA	AA	BB	AA	AA	BB	BB	BB	AA
rs3676667	34	10	47115136	0.30	0.33	BB	BB	BB	AA	BB	BB	AA	AA	BB	BB
rs6382436	34	10	48869043	0.20	0.22	AA	AA	BB	AA	AA	AA	AA	BB	AA	AA
gnf10.048.819	34	10	51163213	0.10	0.11	AA	AA	AA	AA	AA	AA	AA	AA	BB	AA
rs3696307	34	10	53989573	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
rs6190748	34	10	56039637	0.10	0.11	AA	BB	AA	AA	AA	AA	AA	AA	AA	AA
rs13480619	34	10	58015687	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
CEL-10_58149652	34	10	58359416	0.10	0.00	BB	AA	AA	AA	AA	AA	AA	AA	AA	AA
rs6374078	34	10	61067338	0.00	0.00	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
rs6359581	34	10	64495427	0.00	0.00	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA
rs3723140	34	10	66460964	0.30	0.33	BB	BB	BB	AA	AA	BB	AA	BB	BB	BB
rs13480630	34	10	67874887	0.30	0.33	BB	AA	BB	BB	BB	AA	BB	BB	AA	BB
rs13480638	34	10	69500009	0.40	0.33	AA	BB	BB	BB	AA	AA	BB	AA	BB	BB
CEL-10_71736974	34	10	72013228	0.10	0.00	BB	AA	AA	AA	AA	AA	AA	AA	AA	AA
rs13480652	34	10	74707515	0.30	0.22	BB	BB	AA	AA	AA	AA	AA	AA	AA	BB
rs13480657	34	10	76814114	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
rs13480664	34	10	80780447	0.10	0.11	BB	BB	BB	BB	BB	BB	BB	AA	BB	BB
rs3717445	34	10	82879911	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
rs13480678	34	10	84580041	0.30	0.22	BB	AA	BB	AA	AA	AA	AA	AA	AA	BB
rs3679902	34	10	85234732	0.40	0.33	BB	AA	BB	AA	AA	AA	AA	AA	BB	BB
rs13480684	34	10	85833528	0.10	0.11	AA	AA	AA	AA	AA	AA	AA	AA	BB	AA
CEL-10_86322095	34	10	86548672	0.50	0.44	BB	AA	BB	AA	AA	BB	AA	AA	BB	BB
rs3089366	34	10	89652369	0.40	0.44	BB	AA	BB	BB	AA	AA	BB	AA	BB	BB
rs13480702	34	10	91031582	0.40	0.33	BB	AA	BB	AA	AA	AA	AA	AA	BB	BB
gnf10.091.965	34	10	92946294	0.20	0.11	AA	BB	AA	AA	BB	BB	BB	BB	BB	BB
rs13480712	34	10	93488765	0.20	0.11	BB	AA	AA	AA	AA	AA	AA	AA	BB	AA
rs13480716	34	10	94491400	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
rs13480722	34	10	97630199	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
rs6175332	34	10	98839671	0.10	0.11	AA	AA	AA	AA	BB	AA	AA	AA	AA	AA
rs3683912	34	10	99260291	0.30	0.33	BB	BB	BB	AA	AA	BB	AA	BB	BB	BB
rs3710293	34	10	100096389	0.50	0.44	AA	BB	AA	BB	BB	BB	BB	AA	AA	AA
rs13480734	34	10	102289096	0.40	0.33	AA	AA	BB	BB	AA	AA	BB	BB	BB	BB
rs13480740	34	10	103970890	0.30	0.33	BB	BB	BB	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
rs13480749	34	10	105893085	0.50	0.44	AA	AA	BB	BB	AA	AA	BB	BB	AA	BB
rs6290359	34	10	107878225	0.20	0.11	AA	BB	BB	BB	BB	BB	BB	BB	BB	AA
rs6243755	34	10	108624230	0.40	0.33	AA	AA	BB	BB	AA	BB	BB	BB	BB	AA
rs13480759	34	10	109265044	0.10	0.00	BB	AA	AA	AA	AA	AA	AA	AA	AA	AA
rs3680872	34	10	114080800	0.20	0.11	BB	AA	AA	AA	AA	AA	AA	BB	AA	AA
rs13480773	34	10	114418586	0.30	0.33	BB	AA	AA	BB	BB	BB	BB	AA	BB	BB
rs13480775	34	10	115488911	0.30	0.33	AA	BB	AA	AA	AA	AA	AA	BB	BB	AA
rs6256918	34	10	117239202	0.30	0.33	BB	BB	AA	AA	BB	BB	AA	BB	BB	BB
mCV24217147	34	10	117503347	0.50	0.44	AA	BB	AA	BB	AA	AA	BB	BB	BB	AA
CEL-10_119602638	34	10	119492562	0.40	0.33	AA	BB	AA	AA	BB	BB	AA	BB	BB	BB
rs13480803	34	10	122821940	0.30	0.22	AA	BB	AA	BB	BB	AA	BB	BB	BB	BB
mCV22832306	34	10	125997604	0.40	0.44	BB	BB	BB	AA	BB	BB	AA	AA	AA	BB
rs3697243	34	10	126545907	0.30	0.22	AA	BB	BB	BB	BB	BB	BB	AA	AA	BB
rs3676330	34	10	127946868	0.30	0.22	BB	BB	AA	AA	AA	AA	AA	AA	BB	AA
rs13480836	34	11	3448985	0.30	0.33	BB	AA	AA	BB	BB	AA	BB	BB	BB	BB
rs13480837	34	11	3781731	0.40	0.33	AA	BB	BB	AA	BB	BB	AA	BB	AA	BB
rs3682937	34	11	4575120	0.20	0.22	BB	AA	BB	BB	BB	BB	BB	AA	BB	BB

rs13481227	34	11	110270221	0.50	0.44	BB	AA	AA	AA	BB	AA	BB	BB	BB	AA
rs3672597	34	11	112055292	0.50	0.44	AA	BB	BB	BB	AA	BB	BB	AA	AA	AA
rs3699056	34	11	113824781	0.30	0.22	AA	BB	BB	BB	AA	BB	BB	BB	AA	BB
rs13481247	34	11	115722120	0.50	0.44	AA	BB	BB	AA	BB	AA	AA	BB	BB	AA
rs3712881	34	11	120888643	0.20	0.22	BB	BB	BB	BB	BB	AA	BB	AA	BB	BB
rs3713137	34	12	4007374	0.20	0.22	BB	BB	BB	AA	BB	BB	AA	BB	BB	BB
rs3653990	34	12	4418783	0.20	0.22	BB	BB	BB	AA	BB	BB	AA	BB	BB	BB
rs13481281	34	12	4935935	0.10	0.11	AA	AA	AA	AA	AA	AA	AA	BB	AA	AA
rs3678128	34	12	6658688	0.40	0.44	BB	BB	BB	AA	AA	BB	AA	AA	BB	BB
rs6292954	34	12	9263893	0.20	0.22	AA	BB	BB	AA	AA	AA	AA	AA	AA	AA
rs13481297	34	12	9925506	0.22	0.13	AA	BB	AA	BB	BB	BB	NN	BB	BB	BB
rs13481303	34	12	11272369	0.20	0.11	AA	BB	BB	BB	BB	BB	BB	AA	BB	BB
rs3655057	34	12	12743057	0.20	0.22	BB	BB	AA	BB	BB	BB	BB	AA	BB	BB
rs13481313	34	12	14223257	0.30	0.33	BB	AA	BB	BB	BB	BB	BB	AA	AA	BB
rs3706330	34	12	15948696	0.40	0.44	AA	AA	BB	AA	BB	BB	AA	BB	AA	AA
rs13481321	34	12	16046714	0.40	0.33	BB	AA	AA	AA	BB	AA	AA	AA	BB	BB
rs13481324	34	12	16936158	0.50	0.44	BB	BB	AA	BB	AA	AA	BB	BB	AA	AA
rs3717860	34	12	21278736	0.10	0.00	BB	AA	AA	AA	AA	AA	AA	AA	AA	AA
rs6328018	34	12	22679640	0.20	0.22	AA	BB	AA	AA	AA	AA	AA	BB	AA	AA
rs13481363	34	12	24539394	0.30	0.22	BB	BB	AA	AA	AA	AA	AA	BB	AA	AA
rs3089800	34	12	25565813	0.50	0.44	AA	AA	AA	BB	AA	BB	BB	BB	AA	BB
UT_12_24.561109	34	12	26490992	0.40	0.33	BB	BB	AA	AA	AA	BB	AA	AA	AA	BB
rs13481371	34	12	26770352	0.20	0.11	BB	AA	BB	AA	AA	AA	AA	AA	AA	AA
rs6223000	34	12	30792265	0.50	0.44	BB	BB	BB	AA	AA	AA	AA	AA	BB	BB
rs13481392	34	12	32239859	0.50	0.44	BB	AA	AA	BB	AA	BB	BB	BB	AA	AA
rs6311081	34	12	33613275	0.40	0.33	AA	BB	AA	BB	AA	BB	BB	BB	BB	AA
rs3658100	34	12	34691171	0.40	0.33	AA	AA	AA	BB	BB	BB	BB	BB	BB	AA
rs13481406	34	12	36533517	0.40	0.44	AA	BB	AA	AA	AA	BB	AA	AA	BB	BB
rs13481408	34	12	37054937	0.40	0.44	AA	AA	BB	AA	AA	BB	AA	AA	BB	BB
CEL-12_38788391	34	12	40367431	0.40	0.33	AA	BB	AA	BB	BB	AA	BB	BB	BB	AA
rs3726096	34	12	41011212	0.40	0.33	BB	AA	BB	AA	AA	BB	AA	AA	AA	BB
CEL-12_40646532	34	12	42231330	0.50	0.44	BB	AA	AA	BB	BB	AA	BB	BB	AA	AA
gnf12.046.238	34	12	44680655	0.50	0.44	BB	BB	BB	AA	AA	BB	AA	AA	BB	AA
rs13481445	34	12	47081164	0.40	0.33	AA	AA	BB	BB	BB	AA	BB	BB	AA	BB
rs13481454	34	12	49270552	0.30	0.22	AA	BB	BB	BB	BB	AA	BB	BB	AA	BB
rs3670749	34	12	49713343	0.20	0.11	BB	AA	AA	AA	AA	AA	AA	AA	BB	AA
rs3700857	34	12	50675318	0.30	0.22	BB	AA	AA	AA	AA	BB	AA	AA	BB	AA
rs13481466	34	12	52725091	0.40	0.33	AA	BB	AA	BB	BB	AA	BB	BB	BB	AA
rs3706319	34	12	54684168	0.20	0.11	BB	AA	AA	AA	AA	AA	AA	AA	AA	BB
mCV22351241	34	12	55673915	0.50	0.44	BB	AA	AA	BB	AA	AA	BB	BB	BB	AA
gnf12.061.363	34	12	59944486	0.30	0.22	BB	AA	BB	AA	BB	AA	AA	AA	AA	AA
rs3677344	34	12	61373368	0.50	0.44	AA	BB	BB	BB	AA	AA	BB	BB	AA	AA
rs6344105	34	12	64540895	0.20	0.22	AA	AA	BB	AA	AA	AA	AA	AA	BB	AA
rs13481514	34	12	66435460	0.20	0.11	BB	AA	BB	AA	AA	AA	AA	AA	AA	AA
rs13481521	34	12	68297750	0.40	0.44	AA	AA	AA	BB	AA	AA	BB	BB	BB	AA
rs13481527	34	12	69734328	0.30	0.22	BB	AA	AA	AA	BB	AA	AA	AA	BB	AA
rs3655558	34	12	71579022	0.50	0.44	AA	BB	BB	BB	AA	BB	BB	AA	AA	AA
rs13481541	34	12	73234401	0.40	0.33	AA	BB	BB	AA	BB	BB	AA	AA	BB	BB
gnf12.077.067	34	12	75460125	0.50	0.44	BB	AA	AA	BB	AA	BB	AA	AA	BB	AA
rs3662628	34	12	76120413	0.40	0.33	BB	AA	AA	BB	AA	AA	BB	AA	BB	AA
rs13481556	34	12	77523809	0.30	0.22	BB	BB	AA	AA	AA	BB	AA	AA	AA	AA
rs13481561	34	12	79027311	0.40	0.33	AA	BB	AA	BB	BB	AA	BB	AA	BB	BB
rs13481565	34	12	80641034	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
rs3716095	34	12	83925185	0.40	0.33	AA	AA	BB	BB	BB	AA	BB	AA	BB	BB
CEL-12_84750094	34	12	85561579	0.40	0.33	AA	BB	BB	AA	AA	BB	BB	AA	BB	BB
rs3670410	34	12	86743799	0.30	0.22	AA	BB	BB	BB	AA	BB	BB	AA	BB	BB
rs13481588	34	12	87384847	0.50	0.44	BB	AA	AA	BB	BB	AA	AA	BB	AA	BB

rs6207869	34	12	89782119	0.50	0.44	AA	BB	AA	AA	AA	BB	BB	AA	BB	BB
rs13481599	34	12	91527148	0.40	0.44	AA	AA	AA	AA	AA	BB	BB	AA	BB	BB
rs13481604	34	12	93505956	0.30	0.22	AA	BB	BB	BB	BB	BB	BB	AA	AA	BB
rs3716084	34	12	95300217	0.40	0.44	AA	AA	BB	AA	AA	BB	AA	AA	BB	BB
rs13481614	34	12	96592911	0.20	0.11	BB	AA	AA	AA	AA	AA	BB	AA	AA	AA
rs13481618	34	12	97973524	0.20	0.22	AA	AA	AA	AA	AA	AA	BB	AA	BB	AA
rs8273308	34	12	99838118	0.50	0.44	BB	AA	BB	AA	AA	BB	BB	AA	AA	BB
rs13481632	34	12	101845341	0.40	0.44	AA	AA	AA	AA	AA	BB	AA	BB	BB	BB
rs6390948	34	12	104149763	0.40	0.33	AA	BB	AA	BB	BB	BB	BB	AA	AA	BB
CEL-12_104545022	34	12	105273844	0.40	0.44	AA	BB	AA	BB	AA	AA	BB	AA	BB	AA
rs13481655	34	12	107592337	0.50	0.44	BB	BB	BB	AA	AA	AA	AA	BB	AA	BB
CEL-12_108727612	34	12	109448792	0.30	0.33	BB	BB	AA	BB	BB	BB	BB	AA	AA	BB
rs3023711	34	12	111942434	0.30	0.22	BB	BB	AA	AA	AA	AA	AA	AA	AA	BB
rs3692361	34	12	113483474	0.20	0.11	AA	BB	BB	BB	BB	AA	BB	BB	BB	BB
rs6329833	34	12	115003030	0.30	0.22	AA	BB	BB	BB	BB	AA	BB	AA	BB	BB
mCV24244050	34	13	3017905	0.40	0.33	AA	BB	BB	AA	BB	BB	AA	BB	AA	BB
rs6215262	34	13	3668799	0.40	0.44	BB	BB	AA	BB	BB	AA	BB	AA	BB	AA
rs13481668	34	13	4356982	0.40	0.44	BB	BB	AA	BB	BB	AA	BB	AA	BB	AA
rs13481673	34	13	5472594	0.33	0.38	BB	BB	AA	BB	BB	AA	BB	AA	BB	NN
rs6301008	34	13	7591059	0.20	0.22	BB	AA	BB	BB	AA	BB	BB	BB	BB	BB
rs13481683	34	13	9370062	0.30	0.33	BB	AA	AA	BB	AA	BB	BB	BB	BB	BB
rs13481689	34	13	10824932	0.30	0.33	AA	BB	BB	AA	BB	AA	AA	AA	AA	AA
rs13481697	34	13	13054632	0.20	0.22	BB	BB	AA	BB	AA	BB	BB	BB	BB	BB
rs6348604	34	13	14861488	0.40	0.44	BB	BB	AA	BB	AA	AA	BB	BB	BB	AA
rs13481706	34	13	15790279	0.40	0.33	BB	AA	BB	AA	AA	BB	AA	AA	AA	BB
rs13481715	34	13	18615593	0.40	0.44	AA	AA	BB	AA	AA	BB	AA	BB	AA	BB
rs6314295	34	13	19602692	0.50	0.44	AA	BB	AA	AA	BB	BB	AA	BB	AA	BB
rs3679784	34	13	20386580	0.20	0.11	BB	AA	BB	AA	AA	AA	AA	AA	AA	AA
rs3663223	34	13	22565257	0.20	0.11	AA	AA	BB	BB	BB	BB	BB	BB	BB	BB
rs8267104	34	13	23185369	0.10	0.11	BB	AA	BB	BB	BB	BB	BB	BB	BB	BB
rs6275055	34	13	25404623	0.10	0.11	AA	BB	AA	AA	AA	AA	AA	AA	AA	AA
rs13481734	34	13	26516772	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
CEL-13_27061395	34	13	27161335	0.30	0.33	BB	BB	BB	AA	BB	BB	AA	AA	BB	BB
rs13481740	34	13	30157135	0.40	0.33	BB	AA	BB	AA	AA	BB	AA	AA	AA	BB
rs3710348	34	13	30752940	0.40	0.33	AA	AA	BB	BB	BB	AA	BB	BB	BB	AA
rs3707097	34	13	33714720	0.50	0.44	BB	BB	BB	AA	AA	BB	AA	AA	AA	BB
rs3725187	34	13	34596140	0.50	0.44	BB	BB	BB	AA	AA	BB	AA	AA	AA	BB
rs13481764	34	13	36093084	0.50	0.44	AA	AA	AA	BB	BB	AA	BB	BB	BB	AA
gnf13.035.637	34	13	37057814	0.30	0.22	BB	BB	AA	AA	AA	AA	AA	AA	BB	AA
gnf13.038.133	34	13	39596560	0.30	0.33	BB	AA	AA	BB	BB	BB	BB	BB	AA	BB
rs13481783	34	13	42401900	0.40	0.33	BB	AA	AA	AA	BB	AA	AA	BB	BB	AA
rs3712907	34	13	42733452	0.40	0.33	AA	AA	BB	BB	AA	BB	BB	BB	AA	BB
rs3688207	34	13	44933576	0.30	0.22	AA	AA	AA	BB	BB	BB	BB	BB	BB	BB
rs6411274	34	13	46727994	0.20	0.11	BB	AA	AA	AA	BB	AA	AA	AA	AA	AA
rs6244558	34	13	47413464	0.20	0.11	AA	BB	BB	BB	BB	BB	BB	BB	AA	BB
rs13481809	34	13	50229203	0.10	0.11	BB	BB	AA	BB	BB	BB	BB	BB	BB	BB
rs3693942	34	13	53562224	0.10	0.00	BB	AA	AA	AA	AA	AA	AA	AA	AA	AA
rs3720782	34	13	54847424	0.40	0.33	BB	AA	AA	AA	BB	BB	AA	AA	AA	BB
rs3700819	34	13	55872858	0.40	0.33	AA	BB	BB	BB	AA	AA	BB	BB	BB	AA
gnf13.056.787	34	13	57363819	0.30	0.33	AA	AA	AA	AA	BB	AA	AA	BB	BB	AA
rs3690198	34	13	59376035	0.40	0.44	AA	BB	BB	AA	AA	BB	AA	BB	AA	AA
rs4229817	34	13	63482969	0.30	0.22	BB	AA	BB	AA	BB	AA	AA	AA	AA	AA
rs3718727	34	13	65354477	0.50	0.44	BB	BB	AA	AA	AA	BB	AA	BB	AA	BB
rs13481871	34	13	67347935	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
rs13481880	34	13	70422256	0.30	0.22	AA	BB	BB	AA	BB	BB	BB	BB	AA	BB
rs13481883	34	13	71559086	0.50	0.44	AA	AA	BB	AA	AA	BB	BB	BB	AA	BB
rs13481893	34	13	73621283	0.40	0.33	BB	AA	AA	AA	AA	BB	AA	BB	AA	BB

gnf13.079.671	34	13	76484671	0.50	0.44	AA	BB	BB	BB	AA	AA	BB	AA	BB	AA
rs13481908	34	13	78154322	0.20	0.11	BB	AA	AA	AA	AA	AA	AA	BB	AA	AA
mCV24625340	34	13	80798061	0.40	0.33	BB	AA	BB	BB	AA	AA	BB	AA	AA	AA
rs3686443	34	13	82629729	0.40	0.33	BB	BB	AA	AA	AA	BB	AA	AA	AA	BB
gnf13.088.732	34	13	84253276	0.20	0.11	BB	AA	BB	AA	AA	AA	AA	AA	AA	AA
rs3655061	34	13	85698391	0.20	0.22	BB	BB	AA	BB	BB	BB	BB	AA	BB	BB
rs6288319	34	13	87268235	0.30	0.22	AA	BB	AA	BB	BB	BB	BB	AA	BB	BB
rs6316213	34	13	88277840	0.50	0.44	BB	BB	AA	AA	BB	AA	BB	BB	AA	AA
gnf13.093.328	34	13	88907941	0.20	0.11	BB	BB	AA	AA	AA	AA	AA	AA	AA	AA
rs13481961	34	13	93458719	0.50	0.44	BB	BB	AA	BB	AA	AA	AA	BB	BB	AA
rs13481968	34	13	95046724	0.20	0.11	BB	AA	BB	AA	AA	AA	AA	AA	AA	AA
rs4230027	34	13	96648733	0.30	0.33	AA	AA	BB	BB	AA	AA	AA	AA	BB	AA
rs13481983	34	13	99634659	0.20	0.11	AA	BB	BB	BB	BB	BB	BB	BB	AA	BB
rs6389588	34	13	100052999	0.10	0.11	BB	BB	BB	BB	BB	BB	BB	BB	AA	BB
rs13481992	34	13	101899758	0.20	0.22	AA	BB	AA	AA	BB	AA	AA	AA	AA	AA
rs13481996	34	13	103021030	0.30	0.22	BB	BB	AA	AA	BB	AA	AA	AA	AA	AA
rs13482005	34	13	105051108	0.30	0.22	BB	BB	BB	AA	AA	AA	AA	AA	AA	AA
rs13482011	34	13	106891219	0.20	0.22	AA	BB	BB	AA	AA	AA	AA	AA	AA	AA
rs13482019	34	13	109161956	0.30	0.22	AA	BB	BB	BB	BB	AA	BB	BB	BB	AA
gnf13.115.241	34	13	110326503	0.20	0.22	AA	AA	AA	AA	AA	BB	AA	AA	AA	BB
rs6247696	34	13	111581226	0.20	0.22	AA	AA	AA	AA	AA	BB	AA	AA	AA	BB
rs13482028	34	13	112667979	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
rs13482035	34	13	114541227	0.50	0.44	BB	AA	BB	BB	AA	AA	BB	AA	BB	AA
rs4230144	34	14	5759737	0.40	0.33	AA	BB	AA	BB	AA	BB	BB	AA	BB	BB
rs6322899	34	14	8284418	0.40	0.33	AA	AA	BB	BB	AA	BB	BB	AA	BB	BB
rs3150398	34	14	9254365	0.40	0.44	BB	BB	AA	AA	BB	BB	AA	BB	AA	BB
rs13482084	34	14	10701680	0.40	0.44	BB	BB	AA	AA	BB	BB	AA	BB	AA	BB
rs6290836	34	14	11002704	0.20	0.11	AA	BB	BB	BB	AA	BB	BB	BB	BB	BB
rs3719629	34	14	14724234	0.30	0.22	BB	AA	AA	AA	AA	BB	AA	AA	AA	BB
rs3696385	34	14	15878860	0.40	0.44	AA	AA	BB	BB	AA	AA	BB	AA	BB	AA
rs3687889	34	14	18051929	0.40	0.44	AA	BB	BB	AA	AA	BB	AA	AA	AA	BB
rs13482096	34	14	21085575	0.20	0.11	BB	AA	AA	AA	AA	AA	AA	BB	AA	AA
rs3692121	34	14	22172096	0.50	0.44	AA	BB	BB	AA	BB	BB	AA	AA	AA	BB
rs13482104	34	14	24440326	0.20	0.11	AA	BB	BB	BB	BB	BB	BB	BB	AA	BB
rs6396829	34	14	26140557	0.30	0.22	BB	AA	BB	AA	AA	AA	AA	AA	BB	AA
rs4230248	34	14	29315257	0.20	0.22	AA	AA	BB	AA	AA	AA	AA	AA	BB	AA
rs13482124	34	14	29798912	0.10	0.11	AA	AA	BB	AA	AA	AA	AA	AA	AA	AA
rs6313230	34	14	30399248	0.10	0.11	AA	AA	BB	AA	AA	AA	AA	AA	AA	AA
rs3695383	34	14	31928539	0.40	0.44	BB	AA	AA	BB	BB	BB	BB	BB	AA	AA
rs13482135	34	14	33518680	0.20	0.22	AA	AA	BB	AA	AA	AA	AA	AA	AA	AA
rs3701775	34	14	35480914	0.10	0.11	BB	BB	AA	BB	BB	BB	BB	BB	BB	BB
rs13482143	34	14	37699821	0.50	0.44	BB	AA	BB	AA	BB	AA	BB	BB	AA	AA
rs13482148	34	14	39333593	0.40	0.44	BB	AA	BB	AA	BB	BB	BB	BB	AA	AA
rs13482159	34	14	40779563	0.30	0.22	BB	AA	AA	AA	AA	AA	AA	AA	BB	BB
rs13482170	34	14	43616539	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
mCV24777660	34	14	45322213	0.40	0.33	BB	BB	AA	AA	AA	BB	AA	AA	AA	BB
rs3666583	34	14	47240641	0.10	0.00	BB	AA	AA	AA	AA	AA	AA	AA	AA	AA
rs13482191	34	14	49163061	0.20	0.11	BB	AA	AA	AA	AA	AA	AA	AA	BB	AA
rs13482193	34	14	50140703	0.10	0.11	BB	BB	BB	BB	BB	BB	BB	BB	AA	BB
rs13482194	34	14	50345135	0.40	0.44	AA	BB	AA	AA	AA	BB	AA	AA	BB	BB
rs3692863	34	14	53350683	0.50	0.44	AA	AA	AA	BB	BB	AA	BB	BB	BB	AA
gnf14.055.608	34	14	55370255	0.40	0.33	AA	AA	AA	BB	BB	AA	BB	BB	BB	BB
rs13482216	34	14	56424992	0.40	0.33	BB	AA	BB	AA	AA	AA	BB	AA	BB	AA
rs3703075	34	14	57455191	0.30	0.33	BB	BB	AA	BB	BB	BB	AA	BB	AA	BB
rs13482231	34	14	61509084	0.30	0.33	BB	BB	AA	BB	BB	BB	AA	BB	AA	BB
rs3672425	34	14	62874572	0.40	0.33	AA	BB	AA	BB	BB	BB	AA	BB	AA	BB
rs13482239	34	14	64083711	0.10	0.11	BB	BB	AA	BB	BB	BB	BB	BB	BB	BB

rs13482247	34	14	66250845	0.50	0.44	AA	BB	BB	AA	AA	BB	AA	BB	AA	BB
rs6156908	34	14	69054867	0.40	0.33	AA	AA	BB	BB	BB	AA	BB	AA	BB	BB
rs13459144	34	14	70260169	0.30	0.33	BB	AA	AA	BB	BB	AA	BB	BB	BB	BB
rs13482265	34	14	73374629	0.30	0.22	BB	BB	AA	AA	AA	AA	AA	AA	BB	AA
rs3023413	34	14	74121434	0.10	0.11	AA	AA	AA	AA	AA	AA	AA	AA	BB	AA
CEL-14_73162771	34	14	75733000	0.40	0.44	BB	AA	BB	AA	AA	BB	BB	BB	AA	BB
rs13482272	34	14	76664187	0.40	0.44	BB	AA	BB	AA	AA	BB	BB	BB	AA	BB
rs6319148	34	14	77833606	0.30	0.33	AA	BB	BB	AA	AA	AA	AA	AA	AA	BB
rs13482284	34	14	80626893	0.20	0.11	BB	AA	BB	AA	AA	AA	AA	AA	AA	AA
rs3708535	34	14	81251687	0.40	0.33	BB	BB	BB	BB	AA	AA	AA	AA	AA	AA
rs13482296	34	14	83376832	0.20	0.11	BB	AA	BB	AA	AA	AA	AA	AA	AA	AA
rs6395984	34	14	85533437	0.30	0.22	BB	AA	BB	AA	AA	AA	AA	AA	BB	AA
rs6291434	34	14	86476603	0.30	0.22	BB	AA	BB	AA	AA	AA	AA	AA	BB	AA
rs13482311	34	14	87590415	0.40	0.33	AA	BB	AA	BB	BB	BB	BB	BB	AA	AA
rs13482327	34	14	91670727	0.30	0.22	BB	BB	BB	AA	AA	AA	AA	AA	AA	AA
rs3692362	34	14	94304483	0.10	0.00	BB	AA	AA	AA	AA	AA	AA	AA	AA	AA
rs6191117	34	14	94736098	0.10	0.11	BB	BB	AA	BB	BB	BB	BB	BB	BB	BB
CEL-14_94845626	34	14	97143670	0.20	0.11	AA	BB	BB	BB	BB	BB	BB	BB	AA	BB
rs13482354	34	14	100430358	0.30	0.33	AA	AA	BB	AA	AA	BB	AA	AA	BB	AA
rs3654132	34	14	100819653	0.30	0.22	AA	AA	AA	BB	BB	BB	BB	BB	BB	BB
rs13482356	34	14	101288989	0.40	0.33	BB	BB	AA	AA	AA	BB	AA	AA	BB	AA
gnf14.103.048	34	14	102015735	0.20	0.22	BB	BB	AA	BB	BB	BB	BB	BB	AA	BB
rs3708779	34	14	105306160	0.50	0.44	AA	BB	BB	BB	BB	AA	AA	AA	BB	AA
rs13482375	34	14	106219500	0.40	0.44	AA	AA	BB	AA	BB	BB	AA	AA	AA	BB
rs3726052	34	14	106482856	0.40	0.44	BB	BB	AA	AA	BB	BB	BB	AA	BB	AA
rs6256423	34	14	108344783	0.20	0.22	BB	BB	BB	BB	BB	AA	BB	BB	BB	AA
rs6169105	34	14	111812974	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
rs3665550	34	14	113587988	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
rs13482398	34	14	114544704	0.20	0.11	BB	AA	BB	AA	AA	AA	AA	AA	AA	AA
rs13482407	34	14	116621185	0.30	0.22	AA	BB	BB	BB	BB	BB	AA	BB	AA	BB
CEL-14_116404928	34	14	118637718	0.10	0.00	BB	AA	AA	AA	AA	AA	AA	AA	AA	AA
rs13459176	34	15	3059869	0.30	0.33	BB	BB	AA	BB	AA	BB	BB	BB	AA	BB
rs13482418	34	15	3451648	0.40	0.44	AA	BB	BB	AA	AA	BB	AA	AA	BB	AA
CEL-15_4222769	34	15	4181791	0.20	0.22	BB	BB	AA	BB	BB	BB	BB	BB	AA	BB
rs3665826	34	15	5710144	0.50	0.44	BB	AA	BB	AA	AA	AA	AA	BB	BB	BB
CEL-15_8331158	34	15	8261863	0.20	0.11	AA	BB	BB	BB	BB	BB	BB	AA	BB	BB
CEL-15_9687257	34	15	9601488	0.50	0.44	AA	BB	BB	AA	BB	BB	AA	AA	AA	BB
rs13482431	34	15	11121172	0.40	0.44	AA	BB	BB	AA	AA	BB	AA	AA	AA	BB
rs3711814	34	15	13023815	0.20	0.11	AA	BB	BB	BB	AA	BB	BB	BB	BB	BB
CEL-15_14786403	34	15	14714264	0.20	0.22	AA	AA	BB	AA	AA	BB	AA	AA	AA	AA
CEL-15_15482356	34	15	15410280	0.20	0.22	BB	BB	AA	BB	BB	AA	BB	BB	BB	BB
rs13482455	34	15	16569184	0.20	0.22	BB	BB	AA	BB	BB	AA	BB	BB	BB	BB
rs3715857	34	15	19180236	0.40	0.33	BB	BB	BB	AA	BB	AA	AA	AA	AA	AA
rs13482469	34	15	20903607	0.50	0.44	AA	AA	BB	AA	AA	AA	BB	BB	BB	BB
rs13482477	34	15	22485766	0.40	0.44	BB	BB	AA	BB	BB	AA	BB	AA	BB	AA
rs13482482	34	15	24577537	0.30	0.33	AA	AA	BB	BB	AA	AA	AA	AA	BB	AA
rs13482485	34	15	25439317	0.40	0.44	BB	BB	AA	AA	BB	BB	AA	BB	AA	BB
rs13482497	34	15	28310752	0.50	0.44	AA	AA	AA	BB	AA	BB	BB	AA	BB	BB
rs13482501	34	15	29258383	0.40	0.44	BB	AA	BB	AA	BB	BB	AA	BB	AA	BB
rs13482504	34	15	30313431	0.40	0.44	AA	BB	BB	AA	AA	BB	AA	AA	AA	BB
rs13482509	34	15	32044791	0.40	0.33	AA	AA	BB	BB	AA	AA	BB	BB	BB	BB
rs6188239	34	15	34330961	0.40	0.33	AA	BB	BB	AA	BB	BB	AA	BB	AA	BB
CEL-15_36490596	34	15	36437091	0.20	0.22	BB	BB	BB	BB	AA	BB	BB	BB	BB	AA
rs3695416	34	15	38489525	0.30	0.33	AA	BB	BB	AA	AA	AA	BB	AA	AA	AA
rs13482529	34	15	39023919	0.40	0.44	BB	BB	BB	AA	AA	AA	BB	BB	AA	BB
rs3683326	34	15	41282754	0.30	0.33	BB	AA	BB	BB	AA	BB	AA	BB	BB	BB
CEL-15_43206205	34	15	43134026	0.40	0.44	AA	AA	BB	AA	BB	BB	BB	AA	AA	AA

rs13482543	34	15	43816505	0.30	0.22	BB	AA	AA	AA	AA	AA	AA	BB	AA	BB
rs13482549	34	15	45588392	0.38	0.43	AA	BB	AA	BB	AA	NN	BB	AA	NN	AA
rs13482558	34	15	47162248	0.30	0.33	AA	AA	BB	AA	AA	AA	AA	BB	AA	BB
rs13482571	34	15	49997209	0.40	0.33	BB	BB	AA	AA	AA	BB	AA	AA	AA	BB
rs3658705	34	15	51380612	0.40	0.33	AA	AA	BB	BB	BB	AA	BB	BB	BB	AA
rs3707900	34	15	52483614	0.50	0.44	AA	AA	AA	BB	AA	BB	BB	AA	BB	BB
rs13482585	34	15	54039027	0.30	0.33	BB	BB	BB	BB	BB	AA	BB	BB	AA	AA
rs6400804	34	15	56813351	0.10	0.11	AA	AA	AA	AA	BB	AA	AA	AA	AA	AA
rs13482595	34	15	58627227	0.40	0.44	BB	BB	AA	AA	BB	AA	AA	BB	BB	BB
rs3683495	34	15	61207850	0.50	0.44	BB	AA	AA	AA	BB	BB	AA	AA	BB	BB
rs13482602	34	15	61434310	0.30	0.33	BB	BB	AA	AA	BB	BB	AA	BB	BB	BB
rs3677062	34	15	63477734	0.50	0.44	BB	BB	BB	AA	AA	BB	AA	AA	AA	BB
rs6381737	34	15	65612198	0.40	0.44	AA	AA	AA	BB	BB	AA	BB	BB	AA	AA
rs13482628	34	15	67900779	0.40	0.44	AA	BB	BB	AA	BB	BB	AA	AA	AA	AA
rs13482629	34	15	68204399	0.30	0.22	AA	BB	AA	BB	BB	AA	BB	BB	BB	BB
rs13482637	34	15	70528460	0.20	0.11	AA	BB	AA	BB	BB	BB	BB	BB	BB	BB
rs13482642	34	15	72240402	0.40	0.44	BB	BB	BB	AA	BB	BB	AA	AA	AA	BB
rs8259436	34	15	74882238	0.50	0.44	BB	AA	AA	AA	BB	BB	AA	AA	BB	BB
rs3660192	34	15	77876548	0.20	0.22	BB	BB	AA	BB	AA	BB	BB	BB	BB	BB
rs13482661	34	15	78810496	0.30	0.22	BB	BB	AA	AA	AA	AA	AA	AA	AA	BB
rs3665030	34	15	79444506	0.30	0.22	AA	AA	AA	BB	BB	BB	BB	BB	BB	BB
rs6276391	34	15	81877392	0.30	0.22	AA	BB	AA	BB	BB	BB	BB	BB	BB	AA
rs13482673	34	15	82270018	0.40	0.33	BB	AA	AA	AA	AA	BB	AA	AA	BB	BB
rs3660367	34	15	84750707	0.50	0.44	AA	BB	AA	BB	AA	AA	BB	BB	AA	BB
rs13482687	34	15	85994283	0.30	0.33	BB	BB	AA	BB	BB	BB	BB	AA	AA	BB
rs13482695	34	15	88522276	0.20	0.11	AA	AA	BB	BB	BB	BB	BB	BB	BB	BB
rs13482704	34	15	90476439	0.50	0.44	AA	BB	BB	BB	AA	BB	BB	AA	AA	AA
rs13482712	34	15	92313874	0.40	0.44	AA	BB	AA	AA	AA	BB	AA	AA	BB	BB
rs3719217	34	15	95319569	0.30	0.33	AA	AA	AA	BB	BB	AA	BB	AA	AA	AA
rs6285067	34	15	95381815	0.20	0.11	AA	BB	BB	BB	BB	BB	BB	AA	BB	BB
rs13482729	34	15	97186661	0.40	0.33	AA	BB	BB	BB	BB	AA	BB	AA	BB	AA
rs13482738	34	15	99851615	0.50	0.44	AA	BB	BB	BB	AA	AA	BB	BB	AA	AA
rs13482744	34	15	101609010	0.40	0.44	BB	BB	AA	AA	BB	BB	AA	AA	BB	BB
rs13482751	34	15	103011950	0.50	0.44	BB	AA	BB	BB	AA	AA	BB	BB	AA	AA
rs4152638	34	16	3997906	0.20	0.22	BB	BB	BB	BB	BB	AA	BB	BB	BB	AA
rs4152790	34	16	4520387	0.20	0.22	BB	AA	BB	BB	BB	AA	BB	BB	BB	BB
rs4231060	34	16	5893556	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
rs4158907	34	16	7636305	0.20	0.11	BB	AA	AA	AA	BB	AA	AA	AA	AA	AA
rs4160288	34	16	9243782	0.20	0.22	BB	BB	AA	BB	AA	BB	BB	BB	BB	BB
rs4162800	34	16	11208368	0.40	0.44	BB	BB	AA	AA	BB	BB	AA	BB	AA	BB
rs4163196	34	16	12136632	0.30	0.33	AA	AA	AA	BB	AA	AA	BB	AA	BB	AA
rs4165065	34	16	16183048	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
rs4165081	34	16	18654624	0.40	0.33	AA	AA	BB	BB	AA	BB	BB	AA	BB	BB
rs4165279	34	16	20094702	0.50	0.44	AA	AA	AA	BB	AA	BB	BB	AA	BB	BB
rs4165440	34	16	22961539	0.30	0.33	BB	BB	BB	AA	BB	BB	AA	BB	AA	BB
rs4165467	34	16	24194230	0.10	0.11	BB	BB	AA	BB	BB	BB	BB	BB	BB	BB
rs4165602	34	16	26219564	0.40	0.44	BB	BB	AA	AA	BB	BB	AA	BB	AA	BB
rs4167031	34	16	27641468	0.50	0.44	BB	AA	BB	BB	AA	AA	BB	AA	BB	AA
rs4168640	34	16	29800574	0.50	0.44	BB	AA	AA	BB	AA	AA	BB	AA	BB	BB
rs4170308	34	16	31281233	0.20	0.11	AA	BB	AA	BB	BB	BB	BB	BB	BB	BB
rs4171932	34	16	33124112	0.40	0.44	AA	AA	BB	BB	AA	AA	BB	AA	BB	AA
rs4172915	34	16	34445557	0.40	0.44	AA	AA	AA	BB	BB	AA	BB	AA	BB	AA
rs4173902	34	16	36172285	0.50	0.44	BB	BB	BB	AA	BB	BB	AA	AA	AA	AA
rs4175608	34	16	38005481	0.40	0.33	BB	AA	BB	AA	AA	BB	AA	AA	AA	BB
rs4177651	34	16	39505180	0.50	0.44	BB	BB	AA	AA	BB	AA	AA	BB	BB	AA
rs4179075	34	16	41199543	0.50	0.44	BB	AA	BB	BB	AA	AA	BB	AA	AA	BB
rs4182243	34	16	44938670	0.50	0.44	BB	BB	AA	AA	BB	AA	AA	BB	BB	AA

rs4183448	34	16	46081864	0.50	0.44	AA	AA	BB	BB	AA	BB	BB	AA	AA	BB
rs4185639	34	16	49141437	0.40	0.44	AA	BB	BB	AA	AA	BB	AA	AA	AA	BB
rs4186744	34	16	50304906	0.30	0.22	AA	BB	AA	BB	BB	BB	BB	BB	BB	AA
rs3696661	34	16	50539475	0.30	0.33	AA	AA	AA	BB	AA	BB	BB	AA	AA	AA
rs6163640	34	16	52361209	0.30	0.33	BB	BB	BB	AA	BB	AA	AA	BB	BB	BB
CZECH-16_55104521	34	16	54030313	0.10	0.11	AA	AA	AA	BB	AA	AA	AA	AA	AA	AA
rs4189277	34	16	56201252	0.30	0.22	AA	BB	BB	BB	BB	BB	BB	AA	AA	BB
rs4191367	34	16	58119904	0.50	0.44	BB	BB	AA	BB	BB	AA	BB	AA	AA	AA
rs4193069	34	16	59961749	0.40	0.44	BB	AA	BB	BB	BB	AA	BB	AA	AA	BB
rs4194417	34	16	61785388	0.30	0.22	AA	BB	BB	AA	AA	BB	BB	BB	BB	BB
rs4197150	34	16	65306182	0.50	0.44	AA	AA	BB	BB	AA	AA	BB	BB	BB	AA
rs4197715	34	16	66274252	0.30	0.22	AA	BB	AA	BB	AA	BB	BB	BB	BB	BB
rs4198737	34	16	68032900	0.40	0.44	AA	AA	AA	AA	BB	AA	BB	BB	BB	AA
rs4200124	34	16	69762683	0.10	0.00	BB	AA	AA	AA	AA	AA	AA	AA	AA	AA
rs4201998	34	16	71590759	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
rs4204106	34	16	73278067	0.10	0.11	BB	BB	BB	BB	BB	BB	BB	BB	BB	AA
rs3718160	34	16	75953644	0.20	0.22	BB	BB	AA	BB	BB	BB	BB	BB	AA	BB
rs6317052	34	16	78602121	0.50	0.44	AA	BB	AA	BB	AA	BB	AA	AA	BB	BB
rs4211364	34	16	79937708	0.50	0.44	AA	BB	BB	AA	AA	BB	AA	AA	BB	BB
rs4211664	34	16	81889153	0.20	0.11	BB	AA	AA	AA	BB	AA	AA	AA	AA	AA
rs3680665	34	16	83664366	0.20	0.11	BB	AA	AA	AA	BB	AA	AA	AA	AA	AA
rs4212102	34	16	84204704	0.30	0.22	AA	BB	AA	BB	AA	BB	BB	BB	BB	BB
rs4213268	34	16	85562456	0.20	0.11	AA	BB	AA	BB	BB	BB	BB	BB	BB	BB
rs4214396	34	16	86648228	0.40	0.44	AA	BB	AA	AA	AA	BB	BB	AA	AA	BB
petM-01322-2	34	16	87315169	0.50	0.44	BB	BB	AA	AA	AA	BB	BB	AA	AA	BB
rs4217260	34	16	89455802	0.40	0.33	BB	AA	BB	AA	AA	AA	BB	BB	AA	AA
rs4219905	34	16	92164976	0.20	0.11	AA	BB	BB	BB	AA	BB	BB	BB	BB	BB
rs3712360	34	16	92703714	0.10	0.00	BB	AA	AA	AA	AA	AA	AA	AA	AA	AA
rs3696981	34	16	96876660	0.20	0.11	AA	BB	BB	AA	BB	BB	BB	BB	BB	BB
rs4136382	34	17	3350589	0.10	0.00	BB	AA	AA	AA	AA	AA	AA	AA	AA	AA
rs13482843	34	17	4006635	0.40	0.44	BB	BB	AA	AA	BB	BB	AA	AA	BB	BB
rs13482845	34	17	4554445	0.22	0.13	AA	NN	AA	BB	BB	BB	BB	BB	BB	BB
UT_17_3_221024	34	17	5945374	0.40	0.33	BB	BB	BB	AA	AA	AA	AA	AA	AA	BB
rs6196216	34	17	7607366	0.30	0.33	AA	AA	BB	AA	BB	AA	AA	AA	AA	BB
rs3662575	34	17	8614293	0.40	0.33	AA	BB	AA	BB	BB	AA	BB	BB	BB	AA
rs3662820	34	17	10954323	0.30	0.33	BB	BB	BB	AA	BB	BB	AA	BB	AA	BB
rs3672065	34	17	12249492	0.40	0.33	BB	AA	AA	BB	AA	BB	BB	AA	AA	AA
rs3726555	34	17	14401826	0.30	0.22	AA	AA	BB	BB	AA	BB	BB	BB	BB	BB
rs13482899	34	17	15488241	0.40	0.33	BB	BB	AA	AA	BB	BB	AA	AA	AA	AA
rs13482914	34	17	18717614	0.30	0.22	BB	BB	AA	AA	AA	AA	AA	AA	AA	BB
rs3696835	34	17	20601673	0.20	0.11	AA	AA	BB	BB	BB	BB	BB	BB	BB	BB
rs3719497	34	17	23308349	0.20	0.11	BB	AA	AA	AA	BB	AA	AA	AA	AA	AA
rs6397584	34	17	25247383	0.20	0.11	BB	BB	AA	AA	AA	AA	AA	AA	AA	AA
rs3693494	34	17	27589124	0.40	0.33	BB	BB	AA	AA	AA	BB	AA	AA	AA	BB
rs3672987	34	17	30933709	0.10	0.00	BB	AA	AA	AA	AA	AA	AA	AA	AA	AA
rs3682923	34	17	33551400	0.40	0.44	BB	BB	AA	AA	AA	BB	AA	BB	BB	BB
rs6298471	34	17	34295930	0.40	0.33	AA	BB	AA	BB	BB	BB	BB	AA	AA	BB
rs6390174	34	17	36766667	0.40	0.33	AA	AA	AA	BB	BB	BB	BB	BB	BB	AA
rs3702604	34	17	38468927	0.50	0.44	AA	AA	BB	BB	BB	BB	BB	AA	AA	AA
CEL-17_39772541	34	17	39138564	0.40	0.33	BB	AA	AA	BB	BB	AA	BB	AA	AA	AA
rs13482997	34	17	41328617	0.30	0.22	BB	AA	BB	AA	AA	BB	AA	AA	AA	AA
rs13483002	34	17	43250728	0.10	0.11	BB	BB	BB	BB	BB	BB	BB	BB	AA	BB
rs6409750	34	17	44859998	0.40	0.33	BB	AA	AA	BB	AA	AA	BB	AA	BB	AA
rs13483016	34	17	47090344	0.20	0.11	AA	BB	AA	BB	BB	BB	BB	BB	BB	BB
rs3700227	34	17	50145622	0.40	0.33	AA	AA	BB	BB	BB	AA	BB	BB	BB	AA
rs6272475	34	17	51016887	0.10	0.00	BB	AA	AA	AA	AA	AA	AA	AA	AA	AA
rs3714226	34	17	52907470	0.30	0.22	AA	AA	BB	BB	BB	BB	BB	BB	BB	AA

rs3715723	34	17	56354940	0.20	0.22	BB	AA	AA	BB	BB	BB	BB	BB	BB	BB
rs13483055	34	17	58007387	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
gnf17.064.100	34	17	60455317	0.40	0.44	BB	BB	AA	AA	BB	BB	AA	BB	BB	AA
rs6402097	34	17	61413802	0.30	0.33	AA	BB	AA	AA	AA	AA	AA	AA	BB	BB
rs3727008	34	17	65502083	0.30	0.22	BB	AA	AA	AA	BB	AA	AA	AA	BB	AA
rs13483085	34	17	66328343	0.30	0.33	BB	AA	BB	BB	AA	BB	BB	AA	BB	BB
rs3660112	34	17	68365070	0.30	0.22	BB	AA	AA	AA	AA	BB	AA	AA	AA	BB
rs3675634	34	17	69014140	0.30	0.22	BB	BB	AA	AA	BB	AA	AA	AA	AA	AA
rs3691628	34	17	70176385	0.20	0.11	BB	BB	AA	AA	AA	AA	AA	AA	AA	AA
rs13483103	34	17	72010590	0.40	0.33	BB	BB	BB	AA	BB	AA	AA	AA	AA	AA
rs6229946	34	17	73000921	0.40	0.33	BB	AA	AA	AA	AA	BB	AA	BB	AA	BB
rs3663088	34	17	74866030	0.30	0.22	AA	BB	BB	BB	BB	AA	BB	BB	BB	AA
rs13483117	34	17	76663218	0.40	0.33	AA	BB	BB	AA	BB	BB	AA	BB	AA	BB
gnf17.082.284	34	17	78784731	0.40	0.44	BB	BB	AA	AA	BB	BB	AA	BB	AA	BB
gnf17.083.842	34	17	80339573	0.50	0.44	BB	AA	AA	AA	BB	AA	AA	BB	BB	BB
rs13483135	34	17	81311713	0.30	0.22	BB	AA	AA	AA	AA	AA	AA	BB	BB	AA
rs13483144	34	17	83713926	0.30	0.22	BB	AA	BB	AA	AA	AA	AA	AA	BB	AA
rs4231720	34	17	84644130	0.30	0.22	AA	AA	BB	BB	BB	BB	BB	BB	BB	AA
rs13483157	34	17	86750884	0.50	0.44	AA	BB	AA	BB	BB	AA	BB	BB	AA	AA
rs6288047	34	17	89445070	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
rs6397044	34	17	91177211	0.40	0.33	AA	AA	BB	AA	BB	BB	BB	AA	BB	BB
rs3706382	34	17	92151407	0.30	0.33	AA	AA	AA	AA	BB	AA	BB	AA	BB	AA
rs13483183	34	18	3521128	0.40	0.44	AA	AA	AA	AA	BB	BB	AA	AA	BB	BB
rs13483184	34	18	3801286	0.10	0.11	BB	BB	BB	BB	AA	BB	BB	BB	BB	BB
gnf18.001.688	34	18	4647835	0.30	0.33	BB	BB	BB	BB	AA	BB	BB	BB	AA	AA
CEL-18_5565618	34	18	5399983	0.10	0.11	BB	BB	BB	BB	BB	AA	BB	BB	BB	BB
rs3689558	34	18	8085259	0.40	0.44	BB	BB	BB	AA	AA	BB	AA	AA	BB	BB
rs3660245	34	18	9316170	0.50	0.44	AA	AA	BB	BB	BB	AA	BB	BB	AA	AA
rs4231742	34	18	11130175	0.30	0.22	AA	AA	AA	BB	BB	BB	BB	BB	BB	BB
rs13483212	34	18	12298291	0.30	0.22	BB	BB	AA	AA	AA	AA	AA	AA	BB	AA
mCV23617245	34	18	14718814	0.20	0.11	AA	BB	BB	BB	BB	BB	BB	BB	AA	BB
rs6361186	34	18	15196421	0.30	0.22	AA	BB	BB	BB	BB	AA	BB	BB	AA	BB
rs6358426	34	18	16609382	0.50	0.44	AA	AA	BB	AA	BB	BB	AA	AA	BB	BB
rs13483244	34	18	21039188	0.50	0.44	AA	BB	BB	BB	AA	BB	AA	AA	BB	AA
rs4138020	34	18	22814735	0.20	0.11	BB	AA	AA	AA	AA	AA	BB	AA	AA	AA
gnf18.021.931	34	18	24671251	0.40	0.44	BB	AA	BB	AA	BB	BB	AA	BB	AA	BB
gnf18.022.796	34	18	25539896	0.30	0.33	AA	AA	AA	BB	AA	AA	BB	AA	BB	AA
rs13483263	34	18	26670033	0.40	0.44	BB	BB	AA	BB	AA	BB	AA	BB	BB	AA
rs13483271	34	18	29198422	0.20	0.22	AA	AA	AA	AA	AA	AA	BB	BB	AA	AA
rs3722973	34	18	31178430	0.40	0.33	BB	BB	AA	BB	AA	AA	AA	AA	AA	AA
rs3718586	34	18	33355220	0.40	0.44	BB	BB	BB	AA	BB	BB	AA	AA	AA	BB
rs3725637	34	18	34651581	0.30	0.22	AA	BB	BB	BB	AA	AA	BB	BB	BB	BB
rs13483299	34	18	36343738	0.50	0.44	BB	AA	BB	AA	BB	BB	AA	AA	AA	BB
rs3664831	34	18	37517954	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
rs3699816	34	18	39537455	0.30	0.22	AA	BB	BB	BB	BB	AA	BB	BB	BB	AA
rs13483319	34	18	41131799	0.40	0.33	AA	BB	BB	BB	BB	AA	BB	BB	BB	AA
rs3676196	34	18	43144440	0.20	0.11	BB	BB	AA	AA	AA	AA	AA	AA	AA	AA
rs4231834	34	18	44241492	0.40	0.44	BB	BB	AA	BB	AA	AA	BB	BB	BB	AA
CEL-18_46082735	34	18	45859134	0.30	0.33	BB	AA	AA	BB	BB	AA	BB	BB	BB	BB
rs6184541	34	18	47660915	0.40	0.44	AA	AA	AA	BB	AA	AA	BB	BB	BB	AA
mCV24106092	34	18	49246511	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
rs3674314	34	18	51409316	0.30	0.33	BB	BB	AA	BB	AA	BB	BB	BB	BB	AA
gnf18.051.412	34	18	53321117	0.40	0.44	BB	BB	BB	AA	BB	AA	BB	BB	AA	AA
rs13483368	34	18	54670798	0.50	0.44	AA	BB	BB	AA	BB	AA	BB	BB	AA	AA
rs3683378	34	18	55904251	0.40	0.44	AA	BB	AA	AA	AA	AA	BB	BB	AA	BB
rs6328845	34	18	58019365	0.50	0.44	BB	BB	AA	AA	BB	BB	AA	AA	AA	BB
CEL-18_60214752	34	18	59924390	0.40	0.33	BB	BB	AA	AA	AA	AA	BB	AA	BB	AA

gnfX.023.543	34	X	33420505	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
gnfX.026.801	34	X	36745486	0.40	0.33	AA	AA	BB	BB	BB	AA	BB	BB	BB	BB	AA
rs13483731	34	X	36973644	0.40	0.44	AA	AA	AA	BB	AA	AA	BB	BB	BB	BB	AA
CEL-X_44311522	34	X	42134406	0.50	0.44	BB	AA	AA	BB	AA	AA	BB	AA	BB	BB	BB
rs13483738	34	X	42683058	0.40	0.33	AA	BB	BB	AA	BB	BB	AA	BB	AA	BB	BB
rs13483746	34	X	44944768	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
gnfX.035.350	34	X	45453218	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
rs13483750	34	X	45895552	0.10	0.00	BB	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA
CEL-X_44311522	34	X	46486391	0.40	0.44	BB	BB	BB	AA	BB	BB	AA	AA	AA	AA	BB
rs13483756	34	X	47471816	0.50	0.44	BB	BB	BB	AA	BB	AA	AA	AA	AA	AA	BB
rs13483761	34	X	50973779	0.30	0.33	AA	AA	AA	AA	AA	BB	BB	BB	AA	AA	AA
rs13483765	34	X	52289226	0.40	0.33	BB	AA	AA	AA	AA	BB	AA	BB	BB	AA	AA
gnfX.044.260	34	X	55491587	0.10	0.00	BB	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA
rs13483777	34	X	55843944	0.20	0.22	BB	BB	BB	BB	BB	BB	AA	AA	BB	BB	BB
rs13483781	34	X	57044430	0.30	0.33	AA	AA	AA	AA	AA	AA	BB	BB	AA	BB	BB
rs13483783	34	X	58313032	0.30	0.33	AA	AA	AA	AA	AA	AA	BB	BB	AA	BB	BB
rs13483786	34	X	59284238	0.50	0.44	AA	AA	AA	BB	AA	AA	BB	BB	BB	BB	BB
CEL-X_59515625	34	X	62617875	0.30	0.33	AA	AA	AA	AA	AA	AA	BB	BB	AA	BB	BB
CEL-X_60181392	34	X	63283641	0.50	0.44	BB	AA	AA	BB	BB	BB	AA	AA	BB	AA	BB
petM-05810-1	34	X	64331236	0.40	0.44	AA	AA	BB	BB	AA	BB	AA	AA	BB	AA	BB
rs3157124	34	X	66109532	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB	BB
rs13483825	34	X	68868197	0.20	0.11	BB	AA	BB	AA	AA	AA	AA	AA	AA	AA	AA
CEL-X_66015326	34	X	69117598	0.20	0.11	AA	BB	BB	BB	BB	BB	BB	BB	BB	AA	BB
rs13483831	34	X	70389009	0.30	0.33	AA	BB	BB	AA	AA	BB	AA	AA	AA	AA	AA
CEL-X_68179178	34	X	71282835	0.40	0.33	AA	AA	AA	BB	BB	AA	BB	BB	BB	BB	BB
rs13483844	34	X	73362184	0.40	0.33	AA	AA	AA	BB	BB	AA	BB	BB	BB	BB	BB
CEL-X_72627341	34	X	75732305	0.30	0.22	BB	BB	BB	AA	AA	AA	AA	AA	AA	AA	AA
CEL-X_72875547	34	X	75980511	0.50	0.44	AA	AA	AA	BB	BB	AA	BB	BB	BB	BB	AA
rs13483858	34	X	76861612	0.50	0.44	AA	AA	AA	BB	BB	AA	BB	BB	BB	BB	AA
rs13483862	34	X	77685158	0.50	0.44	BB	BB	BB	AA	AA	BB	AA	AA	AA	AA	BB
CEL-X_75125049	34	X	78234815	0.50	0.44	BB	BB	BB	AA	AA	BB	AA	AA	AA	AA	BB
rs13483868	34	X	79257844	0.50	0.44	BB	BB	BB	AA	AA	BB	AA	AA	AA	AA	BB
rs3725966	34	X	80159223	0.40	0.33	AA	AA	BB	BB	BB	AA	BB	BB	BB	BB	AA
CEL-X_77780392	34	X	80890151	0.40	0.33	AA	AA	BB	BB	BB	AA	BB	BB	BB	BB	AA
rs13483877	34	X	81609187	0.40	0.33	AA	AA	BB	BB	BB	AA	BB	BB	BB	BB	AA
rs13483805	34	X	84855479	0.40	0.44	AA	BB	AA	AA	AA	BB	AA	AA	AA	BB	BB
gnfX.076.619	34	X	87336159	0.40	0.44	AA	BB	BB	AA	AA	AA	AA	AA	AA	BB	BB
rs13483884	34	X	88565530	0.50	0.44	AA	AA	AA	BB	BB	BB	BB	BB	BB	AA	AA
rs13459181	34	X	89196794	0.50	0.44	BB	BB	BB	AA	AA	AA	AA	AA	AA	BB	BB
gnfX.080.189	34	X	90784538	0.50	0.44	BB	BB	BB	AA	AA	AA	AA	AA	AA	BB	BB
rs13483894	34	X	91100415	0.50	0.44	AA	AA	AA	BB	BB	BB	BB	BB	BB	AA	AA
rs6182892	34	X	91577757	0.50	0.44	BB	BB	BB	AA	AA	AA	AA	AA	AA	BB	BB
CEL-X_89752158	34	X	92949940	0.50	0.44	BB	BB	BB	AA	AA	AA	AA	AA	AA	BB	BB
CEL-X_91222960	34	X	94420742	0.40	0.33	BB	AA	BB	AA	AA	AA	AA	AA	AA	BB	BB
gnfX.084.751	34	X	95433405	0.50	0.44	BB	BB	BB	AA	AA	AA	AA	AA	AA	BB	BB
gnfX.086.039	34	X	96728018	0.20	0.22	AA	AA	AA	AA	BB	AA	AA	AA	AA	BB	AA
rs13483921	34	X	98261252	0.40	0.33	BB	AA	AA	AA	BB	AA	AA	AA	AA	BB	BB
rs13483926	34	X	100689776	0.40	0.33	AA	AA	BB	BB	AA	BB	BB	BB	AA	BB	BB
rs13483929	34	X	101423470	0.40	0.44	BB	AA	AA	BB	AA	BB	BB	BB	AA	BB	BB
CEL-X_100299803	34	X	103496812	0.50	0.44	BB	BB	BB	AA	BB	AA	AA	AA	AA	BB	AA
rs13483937	34	X	105207277	0.40	0.44	BB	BB	BB	AA	BB	AA	AA	AA	AA	BB	BB
rs13483941	34	X	105917398	0.40	0.44	BB	BB	BB	AA	BB	AA	AA	AA	AA	BB	BB
rs6342003	34	X	106947268	0.30	0.33	BB	BB	BB	AA	BB	BB	AA	AA	AA	BB	BB
CEL-X_106858553	34	X	109923231	0.40	0.33	BB	AA	AA	BB	AA	AA	BB	BB	AA	AA	AA
rs6363550	34	X	112647117	0.30	0.33	AA	AA	AA	BB	AA	AA	BB	BB	AA	AA	AA
rs13483971	34	X	114154999	0.30	0.33	AA	AA	AA	BB	AA	AA	BB	BB	AA	AA	AA
CEL-X_112457192	34	X	115476434	0.30	0.33	AA	AA	AA	BB	AA	AA	BB	BB	AA	AA	AA

CEL-X_112904656	34	X	115923898	0.30	0.33	AA	AA	AA	BB	AA	AA	BB	BB	AA	AA
CZECH-X_116527625	34	X	119838561	0.30	0.33	BB	BB	BB	AA	BB	BB	AA	AA	BB	BB
CEL-X_117683749	34	X	121093602	0.30	0.33	BB	BB	BB	AA	BB	BB	AA	AA	BB	BB
rs6205221	34	X	123754834	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
rs6221690	34	X	124496879	0.40	0.33	AA	BB	BB	AA	BB	BB	AA	AA	BB	BB
rs13483997	34	X	125658451	0.30	0.22	BB	BB	AA	AA	AA	AA	AA	AA	BB	AA
rs13484004	34	X	127320474	0.20	0.11	AA	AA	BB	BB	BB	BB	BB	BB	BB	BB
rs3702256	34	X	128494158	0.40	0.33	AA	AA	BB	BB	BB	AA	BB	BB	BB	AA
CEL-X_125736335	34	X	129274113	0.40	0.33	BB	BB	AA	AA	AA	BB	AA	AA	AA	BB
rs3697198	34	X	129761598	0.30	0.22	BB	AA	AA	AA	AA	BB	AA	BB	AA	AA
rs13484024	34	X	131551958	0.40	0.44	BB	BB	BB	AA	BB	BB	AA	BB	AA	AA
rs13484031	34	X	133385649	0.40	0.33	AA	BB	BB	AA	BB	BB	AA	BB	AA	BB
rs13484034	34	X	134223371	0.40	0.33	BB	AA	AA	BB	AA	AA	BB	AA	BB	AA
rs13484042	34	X	135829491	0.40	0.44	AA	BB	BB	AA	AA	BB	AA	BB	AA	AA
rs13484043	34	X	136248163	0.40	0.44	AA	BB	BB	AA	AA	BB	AA	BB	AA	AA
CEL-X_133525088	34	X	137074012	0.40	0.44	BB	AA	BB	BB	BB	AA	BB	AA	BB	AA
rs13484050	34	X	137975611	0.40	0.44	BB	AA	BB	BB	BB	AA	BB	AA	BB	AA
rs13484060	34	X	140406282	0.50	0.44	AA	AA	BB	BB	BB	AA	BB	AA	BB	AA
rs13484070	34	X	144242664	0.40	0.44	AA	BB	AA	AA	AA	BB	AA	BB	AA	BB
CEL-X_142652525	34	X	146299470	0.30	0.33	BB	AA	AA	BB	BB	BB	BB	AA	BB	BB
CEL-X_143595976	34	X	147242921	0.30	0.22	AA	AA	BB	BB	BB	BB	BB	AA	BB	BB
rs13484087	34	X	149574316	0.20	0.22	BB	AA	BB	BB	BB	BB	BB	AA	BB	BB
rs13484094	34	X	150904175	0.20	0.22	AA	BB	AA	AA	AA	AA	AA	BB	AA	AA
rs6365259	34	X	153778424	0.20	0.22	AA	BB	AA	AA	AA	AA	AA	BB	AA	AA
gnfX.141.820	34	X	155185028	0.30	0.33	AA	AA	AA	BB	AA	AA	BB	AA	BB	AA
CEL-X_154048891	34	X	157678443	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
CEL-X_155542834	34	X	159029574	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
gnfX.146.867	34	X	160286037	0.10	0.00	AA	BB	BB	BB	BB	BB	BB	BB	BB	BB
gnfX.148.995	34	X	162427214	0.20	0.22	BB	AA	AA	BB	BB	BB	BB	BB	BB	BB