

SNP	Posiiton	Gene	SWEIGAD-115	SWEIGAD-108	SWEIGAD-148	SWEIGAD-187	SWEIGAD-56
rs1362070	29850278	HCG4	0	0	1	0	1
rs1633037	29850588	HCG4	0	0	1	0	1
rs9258303	29850909	HCG4	2	2	2	2	2
rs2517930	29853054	HCG4	2	2	1	2	2
rs1633021	29854848	HCG4	0	0	1	0	1
rs2743941	29863430	HCG4	2	2	2	2	1
rs1737008	29866096	HCG4	2	2	2	2	1
rs1633005	29872451	HCG4	0	0	1	0	1
rs7741100	29876102	HCG4	2	2	2	2	2
rs1611185	29876323	HCG4	2	2	1	2	2
rs1610714	29877808	HCG4	0	0	1	0	1
rs1736981	29878301	HCG4	2	2	2	2	1
rs1632994	29878429	HLA-A	2	2	1	2	2
rs1736980	29879858	HLA-A	0	0	1	0	1
rs1632988	29880374	HCG4	0	0	1	0	1
rs6457044	29880528	HCG4	0	0	1	0	1
rs1736976	29881978	HCG4	0	0	1	0	1
rs2523409	29883641	HCG4	2	2	1	2	2
rs3998758	29883641	HCG4	2	2	1	2	2
rs1736971	29884301	HCG4	0	0	1	0	1
rs2523408	29886088	HCG4	0	0	1	0	1
rs1736959	29890449	HLA-G	0	0	1	0	1
rs1619379	29893214	HLA-G	0	0	1	0	1
rs1611149	29897978	HLA-G	0	0	1	0	1
rs1632948	29902028	HLA-G	0	0	1	0	1
rs1736936	29902296	HLA-G	0	0	1	0	1
rs1736935	29902422	HLA-G	0	0	1	0	1
rs12722477	29904355	HLA-G	2	2	2	2	2
rs2523790	29911629	HLA-G	2	2	2	2	2
rs2735018	29912388	HLA-G	2	2	2	2	2
rs2394180	29913178	HLA-G	2	2	2	2	2
rs2735014	29913788	HLA-G	2	2	2	2	2
rs2735005	29916443	HLA-G	2	2	2	2	2
rs2735003	29916613	HLA-G	2	2	2	2	2
rs2523776	29917173	HLA-G	2	2	2	2	2
rs1611133	29917361	HLA-G	0	0	1	0	0
rs2394186	29924400	HLA-G	2	2	2	2	2
rs2734986	29926547	HLA-G	0	0	1	0	0
rs2734985	29926641	HLA-G	0	0	1	0	0
rs2734984	29928810	HLA-G	0	0	1	0	0
rs2517861	29929961	HLA-G	0	0	1	0	0
rs2975033	29930240	HLA-G	2	2	1	2	2
rs3132726	29931585	HLA-G	2	2	2	2	2
rs3094657	29936289	HLA-G	2	2	2	2	2
rs2523822	29936639	HLA-H	2	2	1	2	2
rs1611710	29936895	HLA-H	0	0	1	0	0

rs1611732	29938987	HLA-H	0	0	9	0	0
rs3094165	29941520	HLA-H	2	2	2	2	2
rs2734971	29942428	HLA-H	0	0	1	0	0
rs3094161	29943052	HLA-H	2	2	2	2	2
rs3132721	29943612	HLA-H	2	2	2	2	2
rs9258866	29944503	HLA-H	2	2	2	2	2
rs2844821	29946621	HLA-H	2	2	1	2	2
rs886398	29947247	HLA-H	2	2	2	2	2
rs2523809	29957598	HLA-H	2	2	2	2	2
rs2524005	30007656	HCG4P6	0	0	1	0	0
rs2860580	30014670	HLA-A	0	0	1	0	0
rs3823342	30021046	HLA-A	0	0	1	0	0
rs2517713	30026078	HLA-A	0	0	1	0	0
rs3893538	30032404	HLA-A	2	2	2	2	2
rs2517701	30033951	HLA-A	2	2	1	2	2
rs2571400	30035701	HLA-A	0	0	1	0	0
rs2523933	30040271	HCG9	0	0	1	0	0
rs6457109	30041240	HCG9	2	2	1	2	2
rs4713270	30042676	HCG9	2	2	1	2	2
rs3893464	30043229	HCG9	0	0	1	0	0
rs2517673	30045221	HCG9	2	2	2	2	2
rs4713274	30045472	HCG9	2	2	1	2	2
rs2256543	30045812	HCG9	0	0	1	0	0
rs435766	30047831	HCG9	2	2	2	2	2
rs2256820	30048085	HCG9	2	2	2	2	2
rs2256902	30048351	HCG9	2	2	2	2	2
rs5009448	30048467	HCG9	2	2	2	2	2
rs2256919	30048729	HCG9	2	2	2	2	2
rs2523946	30049922	HCG9	2	2	1	2	2
rs3823355	30050062	HCG9	2	2	1	2	2
rs2232236	30050170	HCG9	2	2	2	2	2
rs3823359	30050272	HCG9	2	2	2	2	2
rs422640	30050984	HCG9	2	2	2	2	2
rs400488	30051014	HCG9	2	2	2	2	2
rs6904029	30051046	HCG9	2	2	1	2	2
rs2245961	30051983	HCG9	2	2	2	2	2
rs2571375	30053249	HCG9	2	2	2	2	2
rs2246199	30053599	HCG9	2	2	2	2	2
rs3132685	30053928	HCG9	0	0	1	0	0
rs2246638	30057476	HCG9	2	2	2	2	2
rs2394255	30057800	HCG9	0	0	1	0	0
rs379221	30058119	HCG9	2	2	2	2	2
rs401618	30058189	HCG9	0	0	1	0	0
rs2735067	30059085	HCG9	0	0	1	0	0
rs5025708	30063178	HCG9	2	2	2	2	2
rs4959039	30065048	HCG9	2	2	1	2	2
rs6911279	30073323	HCG9	2	2	2	2	2

rs6904120	30075721	HCG9	2	2	2	2	2
rs7758512	30078568	HCG9	2	2	2	2	2
rs4713281	30086331	HCG9	2	2	1	2	2
rs9261129	30087558	HCG9	2	2	2	2	2
rs356971	30087776	HCG9	0	0	1	0	0
rs9357092	30092231	HCG9	2	2	1	2	2
rs9261145	30092844	HCG9	2	2	2	2	2
rs3129012	30096621	ZNRD1	0	0	1	0	0
rs165255	30097674	ZNRD1	0	0	1	0	0
rs6919617	30099678	ZNRD1	2	2	2	2	2
rs6925061	30100265	ZNRD1	2	2	2	2	2
rs3121593	30110772	ZNRD1	2	2	2	2	2
rs166327	30110860	ZNRD1	0	0	1	0	0
rs3869068	30112031	ZNRD1	2	2	2	2	2
rs4711207	30113733	ZNRD1	2	2	1	2	2
rs259937	30115472	ZNRD1	2	2	2	2	2
rs259939	30119560	ZNRD1	0	0	1	0	0
rs259940	30119913	ZNRD1	0	0	1	0	0
rs259942	30123146	ZNRD1	2	2	2	2	2
rs2855591	30123309	ZNRD1	0	0	1	0	0
rs3134879	30123884	ZNRD1	0	0	1	0	0
rs2844800	30125735	ZNRD1	2	2	2	2	2
rs3869070	30131847	ZNRD1	2	2	1	2	2
rs259919	30133482	ZNRD1	0	0	1	0	0
rs3132130	30135431	ZNRD1	2	2	2	2	2
rs3757329	30136403	ZNRD1	2	2	2	2	2
rs3757333	30136585	ZNRD1	2	2	2	2	2
rs7770505	30136892	ZNRD1	2	2	2	2	2
rs7770557	30137088	ZNRD1	2	2	2	2	2
rs1150740	30138668	ZNRD1	2	2	2	2	2
rs8321	30140501	ZNRD1	0	0	1	0	0
rs3807031	30141863	PPP1R11	2	2	2	2	2
rs9261285	30144062	PPP1R11	2	2	2	2	2
rs1245371	30146331	RNF39	0	0	1	0	0
rs9261290	30146626	RNF39	0	0	1	0	0
rs2301753	30147219	RNF39	2	2	2	2	2
rs9393989	30148063	RNF39	2	2	1	2	2
rs2074480	30148789	RNF39	2	2	2	2	2
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rs3807032	30151758	RNF39	2	2	2	2	2
rs3807034	30151971	RNF39	2	2	2	2	2
rs3132682	30152367	RNF39	2	2	1	2	2
rs3807035	30152806	RNF39	2	2	2	2	2
rs1150735	30153178	RNF39	0	0	1	0	0
rs2394734	30154225	RNF39	2	2	2	2	2
rs6909253	30163622	RNF39	2	2	1	2	2
rs1264709	30164455	RNF39	0	0	1	0	0

rs1264708	30165133	TRIM31	2	2	2	2	2
rs11965797	30165742	TRIM31	2	2	2	2	2
rs7753935	30168762	TRIM31	2	2	2	2	2
rs9261387	30169340	TRIM31	2	2	2	2	2
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rs7765810	30171475	TRIM31	2	2	2	2	2
rs1264703	30173395	TRIM31	0	0	1	0	0
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rs916570	30174010	TRIM31	0	0	1	0	0
rs1264701	30174337	TRIM31	2	2	2	2	2
rs1264697	30175547	TRIM31	0	0	1	0	0
rs1264695	30175871	TRIM31	0	0	1	0	0
rs1116221	30179309	TRIM31	0	0	1	0	0
rs3132680	30181174	TRIM31	2	2	2	2	2
rs2844795	30181826	TRIM31	2	2	2	2	2
rs3132679	30183822	TRIM31	2	2	2	2	2
rs2023472	30183843	TRIM31	0	0	1	0	0
rs2074483	30184734	TRIM31	0	0	1	0	0
rs2523990	30185208	TRIM31	2	2	2	2	2
rs4959041	30185946	TRIM31	2	2	1	2	2
rs2523989	30186254	TRIM31	0	0	1	0	0
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rs3734838	30188210	TRIM31	2	2	2	2	2
rs2517598	30188253	TRIM31	0	0	1	0	0
rs2523984	30189982	TRIM31	0	0	1	0	0
rs1015465	30194319	TRIM31	2	2	2	2	2
rs9261440	30198799	TRIM31	2	2	1	2	2
rs9261441	30199737	TRIM31	2	2	2	2	2
rs1419675	30200686	TRIM40	2	2	2	2	2
rs2517592	30201116	TRIM40	0	0	1	0	0
rs10947055	30201343	TRIM40	2	2	2	2	2
rs1419673	30204696	TRIM40	2	2	1	2	2
rs757263	30206302	TRIM40	2	2	1	2	2
rs9461570	30207437	TRIM40	2	2	2	2	2
rs1362104	30209635	TRIM40	0	0	1	0	0
rs2523995	30210163	TRIM40	2	2	2	2	2
rs4713293	30210394	TRIM40	2	2	1	2	2
rs1541268	30211373	TRIM40	2	2	1	2	2
rs2021723	30211902	TRIM40	2	2	2	2	2
rs2107202	30213722	TRIM40	2	2	2	2	2
rs9261492	30218037	TRIM40	2	2	1	2	2
rs9261496	30218993	TRIM40	2	2	1	2	2
rs3815081	30222053	TRIM40	2	2	2	2	2
rs757262	30222934	TRIM40	2	2	1	2	2
rs757259	30223521	TRIM40	2	2	1	2	2
rs1557608	30226561	TRIM10	2	2	1	2	2

rs4392759	30226686	TRIM10	2	2	1	2	2
rs9468692	30227869	TRIM10	2	2	2	2	2
rs2257914	30228542	TRIM10	2	2	2	2	2
rs2517653	30229164	TRIM10	2	2	1	2	2
rs2022065	30229439	TRIM10	2	2	1	2	2
rs2517646	30230554	TRIM10	2	2	2	2	2
rs9261535	30235302	TRIM10	2	2	1	2	2
rs12212092	30236421	TRIM10	2	2	2	2	2
rs2517625	30238900	TRIM10	2	2	2	2	2
rs1008403	30240806	TRIM15	2	2	2	2	2
rs9368624	30243956	TRIM15	2	2	2	2	2
rs929157	30245188	TRIM15	0	0	1	0	0
rs2074475	30245869	TRIM15	2	2	2	2	2
rs1029239	30246141	TRIM15	0	0	1	0	0
rs929156	30247678	TRIM15	2	2	1	2	2
rs6905949	30248504	TRIM15	2	2	2	2	2
rs757257	30250437	TRIM15	1	1	0	1	1
rs2844786	30252399	TRIM15	2	2	1	2	2
rs2844782	30258022	TRIM26	2	2	1	2	2
rs2239530	30260094	TRIM26	2	2	1	2	2
rs2517623	30260940	TRIM26	2	2	2	2	2
rs718254	30267018	TRIM26	0	0	0	0	0
rs2284165	30268034	TRIM26	2	2	2	2	2
rs4711211	30270788	TRIM26	2	2	1	2	2
rs2523721	30274245	TRIM26	0	0	1	0	0
rs2523720	30274865	TRIM26	0	0	1	0	0
rs2517610	30278259	TRIM26	0	0	1	0	0
rs2284168	30280212	TRIM26	2	2	2	2	2
rs3130383	30287005	TRIM26	0	0	0	0	0
rs2844775	30287401	TRIM26	2	2	1	2	2
rs1345229	30290374	TRIM26	2	2	2	2	2
rs3132667	30299566	TRIM26	0	0	0	0	0
rs3129690	30304834	TRIM26	0	0	0	0	0
rs3094138	30306995	TRIM26	2	2	2	2	2
rs885916	30310550	TRIM26	0	0	1	0	0
rs2844779	30313386	FLJ45422	2	2	1	2	2
rs2844773	30315474	FLJ45422	0	0	1	0	0
rs2253163	30317041	FLJ45422	2	2	1	2	2
rs1362089	30317781	FLJ45422	2	2	2	2	2
rs9261588	30318786	FLJ45422	2	2	2	2	2
rs2523741	30319882	FLJ45422	2	2	2	2	2
rs3094073	30339203	FLJ45422	0	0	1	0	0
rs3130404	30340229	FLJ45422	0	0	1	0	0
rs2516698	30340353	FLJ45422	2	2	2	2	2
rs1264624	30363068	FLJ45422	2	2	2	2	2
rs10484551	30364817	FLJ45422	2	2	2	2	2
rs2285799	30365672	FLJ45422	2	2	2	2	2

rs1048664	30370491	FLJ45422	2	2	2	2	2
rs261949	30378059	TRIM39	2	2	2	2	2
rs261943	30381350	TRIM39	2	2	2	2	2
rs9380167	30382440	TRIM39	2	2	2	2	2
rs928822	30383225	TRIM39	2	2	1	2	2
rs3130380	30387109	TRIM39	0	0	1	0	0
rs11757879	30387886	TRIM39	2	2	2	2	2
rs3094065	30390311	TRIM39	2	2	2	2	2
rs9357097	30393100	TRIM39	2	2	2	2	2
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rs1110464	30404050	TRIM39	2	2	1	2	2
rs3094064	30404232	TRIM39	0	0	1	0	0
rs1264581	30405484	TRIM39	2	2	2	2	2
rs12663184	30409579	TRIM39	2	2	2	2	2
rs3778624	30410579	TRIM39	2	2	2	2	2
rs3129838	30414532	TRIM39	2	2	2	2	2
rs3129840	30415321	TRIM39	0	0	1	0	0
rs2240058	30418479	TRIM39	2	2	2	2	2
rs2516690	30421319	TRIM39	2	2	2	2	2
rs974962	30422586	RPP21	2	2	2	2	2
rs974961	30422990	RPP21	2	2	1	2	2
rs9380174	30424718	RPP21	2	2	2	2	2
rs3094061	30429168	RPP21	0	0	1	0	0
rs984802	30429340	RPP21	2	2	1	2	2
rs3094626	30431602	RPP21	0	0	0	0	0
rs3130379	30433510	RPP21	2	2	2	2	1
rs3130350	30435818	RPP21	0	0	1	0	0
rs3094622	30435931	RPP21	0	0	1	0	0
rs3130352	30436336	RPP21	0	0	1	0	0
rs11754099	30437080	RPP21	2	2	2	2	2
rs1012411	30440534	RPP21	0	0	1	0	0
rs3094054	30441484	RPP21	0	0	1	0	0
rs2040450	30442318	RPP21	2	2	2	2	2
rs3129809	30443600	RPP21	0	0	1	0	0
rs2022079	30445717	RPP21	2	2	1	2	2
rs2844748	30446117	RPP21	2	2	2	2	2
rs3129813	30446226	RPP21	0	0	0	0	0
rs17839997	30447272	RPP21	2	2	2	2	2
rs2523724	30447282	RPP21	2	2	2	2	2
rs3130361	30447543	RPP21	2	2	2	2	2
rs2844746	30447581	RPP21	2	2	2	2	2
rs3129820	30451548	RPP21	0	0	1	0	0
rs2844745	30451682	RPP21	2	2	2	2	2
rs3132633	30452145	RPP21	0	0	0	0	0
rs3132632	30452441	RPP21	0	0	0	0	0
rs970270	30455285	RPP21	2	2	2	2	2

rs7744914	30456226	RPP21	2	2	2	2	2
rs3132622	30456653	RPP21	0	0	0	0	0
rs2844743	30456811	RPP21	2	2	2	2	2
rs3130122	30460506	RPP21	0	0	0	0	0
rs3130109	30470730	RPP21	0	0	0	0	0
rs2516688	30472503	RPP21	2	2	2	2	2
rs1264569	30473299	RPP21	2	2	2	2	2
rs1264567	30474079	RPP21	2	2	2	2	2
rs7452103	30475573	RPP21	2	2	1	2	2
rs1034325	30476436	RPP21	2	2	1	2	2
rs1034323	30476614	RPP21	2	2	1	2	2
rs1419691	30478331	RPP21	2	2	1	2	2
rs1419689	30478567	RPP21	2	2	1	2	2
rs7741364	30480549	RPP21	2	2	1	2	2
rs1264562	30480791	RPP21	0	9	1	9	9
rs9261761	30480966	RPP21	2	2	1	2	2
rs1264550	30485177	RPP21	0	0	1	0	0
rs1079991	30485839	RPP21	2	2	2	2	2
rs4713324	30488252	RPP21	2	2	1	2	2
rs1150769	30490951	RPP21	2	2	2	2	2
rs1150770	30491935	RPP21	0	0	1	0	0
rs2074502	30492301	RPP21	2	2	2	2	2
rs1573294	30494394	HLA-E	2	2	1	2	2
rs1264542	30494975	HLA-E	2	2	2	2	2
rs1264541	30495318	HLA-E	2	2	2	2	2
rs9261947	30502607	HLA-E	2	2	1	2	2
rs1264524	30512765	HLA-E	0	0	1	0	0
rs1079541	30514735	HLA-E	2	2	1	2	2
rs9295863	30516244	HLA-E	2	2	1	2	2
rs9295871	30519068	HLA-E	2	2	1	2	2
rs1264511	30521951	HLA-E	2	2	2	2	2
rs1362115	30522827	HLA-E	2	2	1	2	2
rs2105961	30523615	HLA-E	0	0	1	0	0
rs1076832	30527810	HLA-E	2	2	2	2	2
rs2844729	30530611	HLA-E	2	2	2	2	2
rs2516677	30532602	HLA-E	0	0	1	0	0
rs2187975	30533136	HLA-E	0	0	1	0	0
rs2524180	30534109	HLA-E	2	2	2	2	2
rs2077573	30536330	HLA-E	2	2	1	2	2
rs2021368	30537362	HLA-E	2	2	2	2	2
rs2516676	30538461	HLA-E	2	2	2	2	2
rs3130141	30540156	HLA-E	0	0	1	0	0
rs2524173	30540823	HLA-E	2	2	2	2	2
rs2524172	30541590	HLA-E	2	2	2	2	2
rs7764934	30542545	HLA-E	2	2	1	2	2
rs6930977	30543267	HLA-E	2	2	2	2	2
rs9295895	30546205	HLA-E	2	2	1	2	2

rs2021720	30557223	HLA-E	2	2	1	2	2
rs2021719	30557461	HLA-E	2	2	1	2	2
rs3094694	30559883	HLA-E	0	0	1	0	0
rs762324	30563865	HLA-E	2	2	2	2	2
rs1264459	30563899	HLA-E	2	2	2	2	2
rs2508024	30573491	HLA-E	2	2	2	2	2
rs7754598	30575674	HLA-E	2	2	2	2	2
rs9394008	30576142	HLA-E	2	2	2	2	2
rs3131115	30576770	HLA-E	0	0	0	0	0
rs2429657	30579499	HLA-E	2	2	2	2	2
rs2023609	30584013	HLA-E	2	2	2	2	2
rs975195	30585926	HLA-E	2	2	2	2	2
rs7768140	30596182	GNL1	2	2	2	2	2
rs2524226	30605469	GNL1	2	2	2	2	2
rs1468079	30614362	GNL1	2	2	2	2	2
rs2524222	30619149	GNL1	2	2	2	2	2
rs1058318	30620142	GNL1	2	2	2	2	2
rs2844713	30627237	GNL1	2	2	2	2	2
rs2074505	30629116	GNL1	2	2	2	2	2
rs4713337	30637454	PRR3	1	1	1	1	1
rs3888777	30637795	PRR3	2	2	2	2	2
rs2074504	30638224	PRR3	2	2	2	2	2
rs2074503	30638475	PRR3	2	2	2	2	2
rs3132613	30645585	ABCF1	2	2	2	2	2
rs2269709	30648869	ABCF1	2	2	2	2	2
rs3132610	30652380	ABCF1	0	0	1	0	0
rs6902544	30656189	ABCF1	2	2	2	2	2
rs3130244	30660916	ABCF1	2	2	2	2	2
rs1264432	30670000	ABCF1	2	2	2	2	2
rs1264429	30673080	PPP1R10	2	2	2	2	2
rs1264423	30679450	PPP1R10	0	0	1	0	0
rs1264420	30683582	PPP1R10	2	2	1	2	2
rs1264419	30684760	PPP1R10	0	0	1	0	0
rs2267637	30686314	PPP1R10	2	2	2	2	2
rs6457249	30687535	PPP1R10	2	2	2	2	2
rs3895681	30693750	MRPS18B	2	2	2	2	2
rs2517565	30702373	MRPS18B	2	2	2	2	2
rs4713340	30707681	C6orf134	2	2	2	2	2
rs12665339	30709211	C6orf134	2	2	2	2	2
rs2394390	30709800	C6orf134	2	2	2	2	2
rs3132608	30717640	C6orf134	2	2	2	2	2
rs1140809	30719655	C6orf134	0	0	1	0	0
rs1076829	30735195	DHX16	0	0	1	0	0
rs9262138	30735846	DHX16	2	2	2	2	2
rs1076828	30736231	DHX16	0	0	1	0	0
rs4713346	30739042	DHX16	2	2	2	2	2
rs9295901	30747136	DHX16	2	2	2	2	2

rs9468805	30751688	DHX16	2	2	2	2	2
rs2269707	30752503	DHX16	2	2	2	2	2
rs11965214	30754984	DHX16	2	2	2	2	2
rs6457254	30757113	NRM	2	2	2	2	2
rs3129996	30759566	NRM	2	2	2	2	2
rs9262143	30760760	NRM	0	0	1	0	0
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rs1075496	30766218	NRM	0	0	1	0	0
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rs2894043	30776467	MDC1	2	2	2	2	2
rs2075015	30788587	MDC1	2	2	2	2	2
rs9262152	30788895	MDC1	2	2	2	2	2
rs6924270	30789959	MDC1	2	2	2	2	2
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rs3909184	30807363	FLOT1	2	2	2	2	2
rs2844704	30813992	FLOT1	2	2	1	2	2
rs3130660	30814340	FLOT1	0	0	1	0	0
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rs2535319	30822458	IER3	0	0	0	0	0
rs4713358	30824096	IER3	2	2	2	2	2
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rs9262164	30825368	IER3	2	2	2	2	2
rs2535324	30826014	IER3	0	0	1	0	0
rs12202428	30827888	IER3	2	2	2	2	2
rs3129973	30829122	IER3	0	0	1	0	0
rs11964663	30829912	IER3	2	2	2	2	2
rs2394401	30832409	IER3	2	2	2	2	2
rs3095341	30834727	IER3	2	2	1	2	2
rs3131036	30836269	IER3	0	0	1	0	0
rs11966040	30837466	IER3	2	2	2	2	2
rs6926530	30838246	IER3	2	2	2	2	2
rs3094121	30838939	IER3	0	0	1	0	0
rs3129975	30840033	IER3	0	0	1	0	0
rs12210947	30843084	IER3	2	2	2	2	2
rs12526186	30844130	IER3	2	2	2	2	2
rs3130666	30848139	IER3	2	2	2	2	2
rs3130667	30851220	IER3	2	2	1	2	2
rs4713367	30864801	IER3	2	2	2	2	2
rs3129980	30866350	IER3	0	0	1	0	0
rs3131043	30866445	IER3	0	0	1	0	0

rs3131050	30868004	IER3	0	0	1	0	0
rs3094112	30869713	IER3	0	0	1	0	0
rs6930444	30871611	IER3	2	2	2	2	2
rs3130641	30872060	IER3	0	0	1	0	0
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rs1264375	30874190	IER3	0	0	1	0	0
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rs4248149	30875606	IER3	2	2	2	2	2
rs4711235	30876615	IER3	2	2	2	2	2
rs3129988	30877457	IER3	2	2	2	2	2
rs9378109	30882453	IER3	2	2	2	2	2
rs1264362	30884569	IER3	2	2	1	2	2
rs4327730	30888915	IER3	2	2	2	2	2
rs886424	30889981	IER3	0	0	1	0	0
rs2894046	30890084	DDR1	2	2	2	2	2
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rs9295924	30890340	DDR1	2	2	2	2	2
rs4713380	30893252	DDR1	2	2	2	2	2
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rs3094111	30896170	DDR1	2	2	2	2	2
rs1264352	30897626	DDR1	0	0	1	0	0
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rs4947290	30902384	DDR1	2	2	2	2	2
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rs2394450	30925480	DDR1	2	2	2	2	2
rs2250264	30929166	DDR1	2	2	1	2	2
rs3095345	30930392	DDR1	2	2	2	2	2
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rs3130653	30930750	DDR1	2	2	2	2	2
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rs2844659	30932511	DDR1	0	0	1	0	0
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rs7761138	30938271	DDR1	2	2	2	2	2
rs3095354	30944090	DDR1	2	2	2	2	2
rs2844654	30946667	DDR1	2	2	1	2	2
rs2535339	30947409	DDR1	2	2	1	2	2
rs1264333	30952293	DDR1	2	2	1	2	2
rs7756521	30956232	DDR1	2	2	2	2	2
rs9461638	30959284	DDR1	2	2	2	2	2
rs1264323	30963886	DDR1	0	0	1	0	0
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rs1264322	30965873	DDR1	0	0	1	0	0
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rs1049633	30975506	DDR1	0	0	1	0	0
rs9468846	30978742	DDR1	2	2	2	2	2
rs2894054	30980253	GTF2H4	2	2	2	2	2
rs3130780	30982287	GTF2H4	2	2	2	2	2
rs3218814	30986558	GTF2H4	2	2	2	2	2
rs1264308	30987966	GTF2H4	0	0	1	0	0
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rs2253705	31008073	SFTPG	2	2	2	2	2
rs3131786	31009851	SFTPG	0	0	1	0	0
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rs2517451	31022730	DPCR1	2	2	2	2	2
rs3130782	31022822	DPCR1	0	0	1	0	0
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rs11970154	31027857	DPCR1	2	2	2	2	2
rs3132580	31028103	DPCR1	0	0	1	0	0
rs2240804	31028869	DPCR1	2	2	1	2	2
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rs3757340	31029861	DPCR1	2	2	2	2	2
rs3131934	31039823	DPCR1	0	0	1	0	0
rs3131783	31040047	DPCR1	0	0	1	0	0
rs2844697	31040288	DPCR1	0	0	1	0	0
rs3095150	31040511	DPCR1	2	2	2	2	2
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rs2530715	31041496	DPCR1	2	2	2	2	2
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rs2844682	31054127	C6orf205	2	2	2	2	2
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rs4713411	31095155	C6orf205	2	2	2	2	2
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rs2517552	31115569	C6orf205	2	2	2	2	2
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rs2517484	31182108	C6orf15	0	0	0	0	0
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rs2517529	31184957	C6orf15	0	0	0	0	0
rs2233984	31187243	C6orf15	2	2	2	2	2
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rs2270190	31188565	C6orf15	2	2	2	2	2
rs2233965	31188878	C6orf15	2	2	2	2	2
rs2233956	31189184	C6orf15	0	0	0	0	0
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rs4713436	31192618	CDSN	2	2	2	2	2
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rs3094211	31194381	CDSN	2	2	2	2	2
rs2239519	31196835	CDSN	2	2	2	2	2
rs2239523	31197486	CDSN	2	2	2	2	2
rs3095314	31197610	CDSN	0	0	0	0	0
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rs3094205	31199841	PSORS1C1	2	2	2	2	2
rs3094204	31199971	PSORS1C1	2	2	2	2	2
rs3095307	31200028	PSORS1C1	2	2	2	2	2
rs3778638	31200103	PSORS1C1	2	2	2	2	2
rs3095302	31201045	PSORS1C1	2	2	2	2	2
rs3131003	31201461	PSORS1C1	2	2	2	2	2
rs3815087	31201566	PSORS1C1	2	2	2	2	2
rs3130559	31205280	PSORS1C1	2	2	2	2	2
rs3131009	31206811	PSORS1C1	2	2	2	2	2
rs3823418	31208921	PSORS1C1	2	2	2	2	2
rs4084091	31209380	PSORS1C2	2	2	2	2	2
rs3130564	31209653	PSORS1C2	0	0	0	0	0
rs1265100	31213289	PSORS1C2	2	2	2	2	2
rs1265099	31213392	PSORS1C2	0	0	0	0	0
rs2074478	31213612	PSORS1C2	2	2	2	2	2
rs2233952	31213870	PSORS1C2	2	2	2	2	2
rs3130573	31214247	PSORS1C1	0	0	0	0	0
rs3094663	31215066	PSORS1C2	2	2	2	2	2
rs1966	31215712	PSORS1C1	2	2	2	2	2
rs1265087	31217789	CCHCR1	0	0	0	0	0
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rs130073	31219159	CCHCR1	2	2	2	2	2
rs130072	31220463	CCHCR1	2	2	2	2	2
rs1265078	31220581	CCHCR1	0	0	0	0	0
rs3094225	31221031	CCHCR1	2	2	2	2	2
rs1265074	31221193	CCHCR1	2	2	2	2	2
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rs2240064	31222552	CCHCR1	2	2	2	2	2
rs3131012	31223420	CCHCR1	2	2	2	2	2
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rs130067	31226490	CCHCR1	2	2	2	2	2
rs130078	31226544	CCHCR1	2	2	2	2	2
rs1265110	31227401	CCHCR1	2	2	2	2	2
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rs130077	31230309	CCHCR1	2	2	2	2	2
rs130065	31230479	CCHCR1	0	0	0	0	0
rs2073716	31230976	CCHCR1	2	2	2	2	2
rs3130453	31232828	CCHCR1	2	2	2	2	2
rs2239524	31233548	CCHCR1	2	2	2	2	2
rs720465	31233756	CCHCR1	0	0	0	0	1
rs3130456	31234231	CCHCR1	2	2	2	2	2
rs3094187	31234923	TCF19	2	2	2	2	2
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rs7750641	31237289	TCF19	0	0	0	0	0
rs2073724	31237686	TCF19	2	2	2	2	2
rs1065461	31238481	TCF19	2	2	2	2	2
rs1419881	31238572	TCF19	2	2	2	2	2
rs3130933	31240064	POU5F1	2	2	2	2	2
rs13409	31240119	POU5F1	0	0	0	0	0
rs2106074	31241488	POU5F1	2	2	2	2	2
rs3130931	31242867	POU5F1	2	2	2	2	2
rs3130501	31244432	POU5F1	2	2	2	2	2
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rs3130503	31245144	POU5F1	2	2	2	2	2
rs879882	31247431	POU5F1	2	2	2	2	2
rs1265159	31248026	POU5F1	0	0	0	0	0
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rs1265158	31248720	POU5F1	0	0	0	0	0
rs887468	31249502	POU5F1	0	0	0	0	0
rs3094188	31250224	POU5F1	2	2	2	2	2
rs1265156	31250276	POU5F1	2	2	2	2	2
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rs915660	31251814	POU5F1	2	2	2	2	2
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rs3871248	31253970	POU5F1	2	2	2	2	2
rs1052989	31254382	POU5F1	2	2	2	2	2
rs4713438	31254825	POU5F1	2	2	2	2	2
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rs3130467	31295054	HCG27	0	0	0	0	0
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rs3134768	31314823	HLA-C	0	0	0	0	0
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rs2524094	31348020	HLA-C	0	0	0	0	0
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rs3130696	31351863	HLA-C	0	0	0	0	0
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rs2524069	31352768	HLA-C	0	0	0	0	0
rs7381988	31354682	HLA-C	2	2	2	2	2
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rs2923006	31425078	HLA-B	2	2	2	2	2
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rs2844586	31426003	HLA-B	2	2	2	2	2
rs2523619	31426123	HLA-B	2	2	2	2	2
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rs2523589	31435313	HLA-B	2	2	2	2	2
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rs6933050	31451611	HLA-B	2	2	2	2	2
rs2507983	31453773	HLA-B	2	2	2	2	2
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rs2844542	31455253	HLA-B	0	0	0	0	0
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rs9267532	31747958	LY6G5B	2	2	2	2	2

rs2280800	31754377	LY6G5C	2	2	2	2	2
rs915653	31765026	BAT5	2	2	2	2	2
rs12199687	31768234	BAT5	2	2	2	2	2
rs805277	31770936	BAT5	2	2	2	2	2
rs805274	31773173	BAT5	2	2	2	2	2
rs1266074	31774530	BAT5	2	2	2	2	2
rs9267546	31781415	C6orf21	2	2	2	2	2
rs2242653	31783744	C6orf21	2	2	2	2	2
rs805285	31787444	LY6G6E	2	2	2	2	2
rs3749952	31791136	LY6G6D	2	2	2	2	2
rs805294	31796196	LY6G6C	0	0	0	0	0
rs4713479	31796778	LY6G6C	2	2	2	2	2
rs805292	31797988	LY6G6C	2	2	2	2	2
rs453098	31799636	C6orf25	2	2	2	2	2
rs2272592	31806331	C6orf25	2	2	2	2	2
rs400547	31810689	C6orf25	2	2	2	2	2
rs3131382	31815709	MSH5	2	2	2	2	2
rs707915	31818947	MSH5	2	2	2	2	2
rs3749953	31821103	MSH5	2	2	2	2	2
rs3828922	31821433	MSH5	2	2	2	2	2
rs3130484	31823861	MSH5	0	0	0	0	0
rs2299851	31826581	MSH5	2	2	2	2	2
rs3131379	31829012	MSH5	0	0	0	0	0
rs3131378	31833264	MSH5	0	0	0	0	0
rs707939	31834667	MSH5	2	2	2	2	2
rs2075801	31836246	MSH5	2	2	2	2	2
rs707936	31841629	C6orf27	2	2	2	2	2
rs11966331	31844814	C6orf27	2	2	2	2	2
rs7769537	31849960	C6orf27	2	2	2	2	2
rs707929	31850046	C6orf27	0	0	0	0	0
rs7769899	31850220	C6orf27	2	2	2	2	2
rs707928	31850569	C6orf27	0	0	0	0	0
rs707926	31856799	VARS	2	2	2	2	2
rs4713488	31870290	VARS	2	2	2	2	2
rs2607015	31870822	VARS	2	2	2	2	2
rs480092	31872878	LSM2	2	2	2	2	2
rs604895	31874420	LSM2	2	2	2	2	2
rs2075800	31885925	HSPA1L	2	2	2	2	2
rs2227955	31886056	HSPA1L	2	2	2	2	2
rs2227956	31886251	HSPA1L	2	2	2	2	2
rs2075799	31886508	HSPA1L	2	2	2	2	2
rs12182397	31887707	HSPA1L	2	2	2	2	2
rs2763979	31902571	HSPA1B	0	0	0	0	0
rs2471980	31908847	C6orf48	0	0	0	0	0
rs9368699	31910520	C6orf48	2	2	2	2	2
rs11968400	31912708	C6orf48	2	2	2	2	2
rs3115673	31918064	C6orf48	2	2	2	2	2

rs9469063	31921555	C6orf48	2	2	2	2	2
rs12210887	31923702	C6orf48	2	2	2	2	2
rs9267649	31932807	NEU1	2	2	2	2	2
rs13118	31935265	NEU1	2	2	2	2	2
rs6915800	31941639	NEU1	2	2	2	2	2
rs4947332	31942176	SLC44A4	2	2	2	2	2
rs660594	31945229	SLC44A4	0	0	0	0	0
rs660550	31945256	SLC44A4	2	2	2	2	2
rs644827	31946420	SLC44A4	2	2	2	2	2
rs494620	31946692	SLC44A4	2	2	2	2	2
rs2242665	31947288	SLC44A4	2	2	2	2	2
rs3130481	31947735	SLC44A4	2	2	2	2	2
rs614549	31948604	SLC44A4	2	2	2	2	2
rs2736428	31951903	SLC44A4	2	2	2	2	2
rs9267658	31953964	SLC44A4	2	2	2	2	2
rs605203	31954991	SLC44A4	0	0	0	0	0
rs652888	31959213	EHMT2	0	0	0	0	0
rs535586	31968316	EHMT2	0	0	0	0	0
rs659445	31972283	EHMT2	0	0	0	0	0
rs558702	31978305	ZBTB12	0	0	0	0	0
rs2763982	31980530	ZBTB12	2	2	2	2	2
rs644045	31991936	C2	0	0	0	0	0
rs544167	31998137	C2	2	2	2	2	2
rs2734335	32001923	C2	2	2	2	2	2
rs7746553	32003952	C2	2	2	2	2	2
rs1042663	32013109	C2	2	2	2	2	2
rs9380272	32013989	C2	2	2	2	2	2
rs550605	32015126	C2	2	2	2	2	2
rs9332730	32019988	C2	2	2	2	2	2
rs4151651	32023593	CFB	2	2	2	2	2
rs541862	32024930	CFB	2	2	2	2	2
rs2072634	32025270	CFB	2	2	2	2	2
rs4151657	32025519	CFB	2	2	2	2	2
rs4151659	32026443	CFB	2	2	2	2	2
rs1270942	32026839	CFB	0	0	0	0	0
rs2072633	32027557	CFB	0	0	0	0	0
rs4151672	32027809	CFB	2	2	2	2	2
rs4151664	32028852	RDBP	2	2	2	2	2
rs630379	32030233	RDBP	0	0	0	0	0
rs440454	32035321	RDBP	0	0	0	0	0
rs438999	32036285	SKIV2L	2	2	2	2	2
rs437179	32036993	SKIV2L	0	0	0	0	0
rs2734331	32038330	SKIV2L	2	2	2	2	2
rs592229	32038420	SKIV2L	0	0	0	0	0
rs429608	32038441	SKIV2L	2	2	2	2	2
rs406936	32041140	SKIV2L	2	2	2	2	2
rs492899	32041497	SKIV2L	2	2	2	2	2

rs454212	32042351	SKIV2L	2	2	2	2	2
rs453821	32043290	SKIV2L	2	2	2	2	2
rs474534	32046086	DOM3Z	2	2	2	2	2
rs389884	32048876	STK19	0	0	0	0	0
rs387608	32049536	STK19	2	2	2	2	2
rs6941112	32054593	STK19	2	2	2	2	2
rs389883	32055439	STK19	0	0	0	0	0
rs389512	32055573	STK19	2	2	2	2	2
rs12333245	32127747	TNXB	2	2	2	2	2
rs12198173	32134786	TNXB	2	2	2	2	2
rs1150758	32136127	TNXB	0	0	0	0	0
rs2269429	32137161	TNXB	2	2	2	2	2
rs2239689	32138262	TNXB	2	2	2	2	2
rs2071295	32146678	TNXB	2	2	2	2	2
rs204879	32151135	TNXB	2	2	2	2	2
rs7774197	32154253	TNXB	2	2	2	2	2
rs185819	32158045	TNXB	2	2	2	2	2
rs169496	32160961	TNXB	2	2	2	2	2
rs204900	32164558	TNXB	2	2	2	2	2
rs204899	32165605	TNXB	2	2	2	2	2
rs2071293	32170665	TNXB	2	2	2	2	2
rs1150752	32172704	TNXB	9	0	9	0	9
rs13199524	32174743	TNXB	2	2	2	2	2
rs3134954	32179871	TNXB	2	2	2	1	2
rs12153855	32182782	TNXB	2	2	2	2	2
rs2269426	32184477	TNXB	2	2	2	2	2
rs411337	32185358	TNXB	2	2	2	2	2
rs3807039	32186351	TNXB	2	2	2	2	2
rs1269852	32188169	CREBL1	0	0	0	0	0
rs8111	32191153	CREBL1	2	2	2	2	2
rs204890	32193576	CREBL1	2	2	2	2	2
rs204888	32197120	CREBL1	2	2	2	2	2
rs3830076	32204222	CREBL1	2	2	2	2	2
rs169494	32205854	FKBPL	2	2	2	2	2
rs4713505	32212979	FKBPL	2	2	2	2	2
rs204999	32217957	PRRT1	0	0	0	0	0
rs3131283	32227876	PRRT1	2	2	2	2	2
rs1053924	32228693	PPT2	2	2	2	2	2
rs2269425	32231617	PPT2	2	2	2	2	2
rs3134603	32233980	PPT2	2	2	2	2	2
rs3134950	32235455	PPT2	2	2	2	2	2
rs3096697	32242488	EGFL8	0	0	0	0	0
rs2071289	32243114	EGFL8	2	2	2	2	2
rs205000	32243856	AGPAT1	2	2	2	2	2
rs3130283	32246523	AGPAT1	2	2	2	2	2
rs3131297	32248983	AGPAT1	0	0	0	0	0
rs2269423	32253685	AGPAT1	2	2	2	2	2

rs3134945	32254470	RNF5	0	0	0	0	0
rs3130349	32255674	RNF5	0	0	0	0	0
rs3134943	32255739	RNF5	2	2	2	2	2
rs204996	32257861	RNF5	2	2	2	2	2
rs1035798	32259200	AGER	2	2	2	2	2
rs2070600	32259421	AGER	2	2	2	2	2
rs1800625	32260420	PBX2	0	0	0	0	0
rs204995	32262263	PBX2	0	0	0	0	0
rs204994	32262976	PBX2	0	0	0	0	0
rs204993	32263559	PBX2	0	0	0	0	0
rs204992	32264886	PBX2	0	0	0	0	0
rs176095	32266297	GPSM3	0	0	0	0	0
rs3134605	32267934	GPSM3	0	0	0	0	0
rs204991	32269344	GPSM3	0	0	0	0	0
rs204990	32269408	GPSM3	0	0	0	0	0
rs8192579	32271777	GPSM3	2	2	2	2	2
rs2071278	32273422	NOTCH4	0	0	0	0	0
rs3134942	32276749	NOTCH4	0	0	0	0	0
rs3132935	32279053	NOTCH4	0	0	0	0	0
rs2071277	32279661	NOTCH4	2	2	2	2	2
rs1044506	32280043	NOTCH4	2	2	2	2	2
rs3131296	32280971	NOTCH4	0	0	0	0	0
rs206018	32285858	NOTCH4	2	2	2	2	2
rs9267833	32285878	NOTCH4	2	2	2	2	2
rs2071286	32287874	NOTCH4	2	2	2	2	2
rs2071285	32288409	NOTCH4	2	2	2	2	2
rs206015	32290737	NOTCH4	2	2	2	2	2
rs404860	32292323	NOTCH4	2	2	2	2	2
rs384247	32292552	NOTCH4	2	2	2	2	2
rs2854050	32293583	NOTCH4	2	2	2	2	2
rs8192591	32293774	NOTCH4	2	2	2	2	2
rs379464	32294326	NOTCH4	2	2	2	2	2
rs394657	32295001	NOTCH4	2	2	2	2	2
rs431722	32295700	NOTCH4	2	2	2	2	2
rs423023	32296275	NOTCH4	2	2	2	2	2
rs422951	32296361	NOTCH4	2	2	2	2	2
rs3132946	32298006	NOTCH4	2	2	2	2	2
rs443198	32298384	NOTCH4	0	0	0	0	0
rs3134931	32298598	NOTCH4	2	2	2	2	2
rs434841	32299019	NOTCH4	0	0	0	0	0
rs3830041	32299317	NOTCH4	2	2	2	2	2
rs396960	32299559	NOTCH4	2	2	2	2	2
rs397596	32300462	NOTCH4	2	2	2	2	2
rs2267644	32300538	NOTCH4	2	2	2	2	2
rs479536	32301656	NOTCH4	2	2	2	2	2
rs499691	32302317	NOTCH4	2	2	2	2	2
rs1475961	32302587	NOTCH4	2	2	2	2	2

rs3096691	32302832	NOTCH4	2	2	2	2	2
rs482759	32302995	NOTCH4	2	2	2	2	2
rs532385	32303337	NOTCH4	2	2	2	2	2
rs365053	32303966	NOTCH4	2	2	2	2	2
rs404890	32306845	NOTCH4	0	0	0	0	0
rs2849015	32306914	NOTCH4	0	0	0	0	0
rs9267873	32307330	NOTCH4	2	2	2	2	2
rs3130299	32311515	NOTCH4	2	2	2	2	2
rs416352	32315371	NOTCH4	0	0	0	0	0
rs424232	32316302	LOC401252	0	0	0	0	0
rs382259	32317005	LOC401252	2	2	2	2	2
rs507778	32317839	LOC401252	0	0	0	0	0
rs419132	32318777	LOC401252	2	2	2	2	2
rs411326	32319295	LOC401252	2	2	2	2	2
rs9267948	32320211	LOC401252	2	2	2	2	2
rs440169	32321766	LOC401252	2	2	2	2	2
rs6936204	32325070	LOC401252	0	0	0	0	0
rs3115573	32326821	LOC401252	2	2	2	2	2
rs9296015	32326967	LOC401252	2	2	2	2	2
rs4959089	32327703	LOC401252	2	2	2	2	2
rs9267992	32328375	LOC401252	2	2	2	2	2
rs3130315	32328663	LOC401252	2	2	2	2	2
rs3130316	32329206	LOC401252	0	0	0	0	0
rs3096700	32329760	LOC401252	0	0	0	0	0
rs3130320	32331236	LOC401252	0	0	0	0	0
rs3115569	32332117	LOC401252	0	0	0	0	0
rs3130340	32332605	LOC401252	0	0	0	0	0
rs3115553	323353805	LOC401252	0	0	0	0	0
rs9268132	32362632	C6orf10	2	2	2	2	2
rs926070	32365544	C6orf10	2	2	2	2	2
rs9268148	32367505	C6orf10	2	2	2	2	2
rs6935269	32368328	C6orf10	0	0	0	0	0
rs7775397	32369230	C6orf10	0	0	0	0	0
rs3749966	32369485	C6orf10	0	0	0	0	0
rs477005	32378478	C6orf10	2	2	2	2	2
rs6457536	32381743	C6orf10	0	0	0	0	0
rs7341328	32383172	C6orf10	0	0	0	0	0
rs547261	32390011	C6orf10	2	2	2	2	2
rs6910071	32390832	C6orf10	2	2	2	2	2
rs498422	32394739	C6orf10	2	2	2	2	2
rs547077	32397296	C6orf10	2	2	2	2	2
rs3132958	32405879	C6orf10	2	2	2	2	2
rs10484560	32406115	C6orf10	2	2	2	2	2
rs9405090	32406350	C6orf10	2	2	2	2	2
rs3129949	32406792	C6orf10	0	0	0	0	0
rs1003878	32407800	C6orf10	0	0	0	0	0
rs1033500	32415360	C6orf10	2	2	2	2	2

rs3129904	32418374	C6orf10	2	2	2	2	2
rs1555117	32419126	C6orf10	2	2	2	2	2
rs6904320	32420060	C6orf10	2	2	2	2	2
rs3117123	32424367	C6orf10	2	2	2	2	2
rs2076540	32425254	C6orf10	2	2	2	2	2
rs2076537	32425613	C6orf10	0	0	0	0	0
rs3132963	32428131	C6orf10	2	2	2	2	2
rs2395148	32429532	C6orf10	2	2	2	2	2
rs1265759	32430371	C6orf10	2	2	2	2	2
rs6907322	32432923	C6orf10	2	2	2	2	2
rs2395150	32434023	C6orf10	2	2	2	2	2
rs9268368	32441933	C6orf10	2	2	2	2	2
rs2073048	32443411	C6orf10	2	2	2	2	2
rs9268384	32444564	C6orf10	2	2	2	2	2
rs3129939	32444744	C6orf10	0	0	0	0	0
rs2273017	32445608	C6orf10	2	2	2	2	2
rs3129941	32445664	C6orf10	2	2	2	2	2
rs3129943	32446673	C6orf10	0	0	0	0	0
rs2050191	32446879	C6orf10	2	2	2	2	2
rs2073044	32446964	C6orf10	2	2	2	2	2
rs2050190	32447054	C6orf10	0	0	0	0	0
rs2076536	32447326	C6orf10	2	2	2	2	2
rs2076535	32447489	C6orf10	2	2	2	2	2
rs2050189	32447625	C6orf10	0	1	0	0	0
rs2395153	32453573	C6orf10	2	2	2	2	2
rs1980495	32454772	C6orf10	2	2	2	2	2
rs2395157	32456123	C6orf10	2	2	2	2	2
rs4424066	32462406	BTNL2	2	2	2	2	2
rs1555115	32462498	BTNL2	2	2	2	2	2
rs12529049	32465693	BTNL2	2	2	2	2	2
rs3117098	32466491	BTNL2	2	2	2	2	2
rs3817973	32469089	BTNL2	2	2	2	2	2
rs3817969	32469366	BTNL2	2	2	2	2	2
rs1980493	32471193	BTNL2	0	0	0	0	0
rs2076530	32471794	BTNL2	2	2	2	2	2
rs4248166	32474399	BTNL2	2	2	2	2	2
rs2294884	32475237	BTNL2	2	2	2	2	2
rs2294883	32475429	BTNL2	2	2	2	2	2
rs3817966	32475825	BTNL2	2	2	2	2	2
rs3817964	32475975	BTNL2	2	2	2	2	2
rs3817963	32476065	BTNL2	2	2	2	2	2
rs3763305	32477466	BTNL2	2	2	2	2	2
rs2076520	32479247	BTNL2	2	2	2	2	2
rs3806156	32481676	BTNL2	2	2	2	2	2
rs3806157	32481779	BTNL2	2	2	2	2	2
rs6926737	32483723	BTNL2	2	2	2	2	2
rs3763309	32483951	BTNL2	2	2	2	2	2

rs3763311	32484154	BTNL2	2	2	2	2	2
rs3763313	32484449	BTNL2	2	2	2	2	2
rs9268507	32485517	BTNL2	2	2	2	2	2
rs3129961	32486918	BTNL2	2	2	2	2	2
rs3129963	32488186	BTNL2	0	0	0	0	0
rs6932542	32488240	BTNL2	2	2	2	2	2
rs743862	32489917	BTNL2	0	0	0	0	0
rs9268542	32492699	BTNL2	2	2	2	2	2
rs2187820	32493851	BTNL2	0	0	0	0	0
rs2395163	32495787	BTNL2	2	2	2	2	2
rs2395165	32496122	BTNL2	2	2	2	2	2
rs3135366	32496687	BTNL2	0	0	0	0	0
rs3135363	32497626	BTNL2	0	0	0	0	0
rs3135353	32500855	HLA-DRA	0	0	0	0	0
rs3135352	32500884	HLA-DRA	2	2	2	2	2
rs6457580	32501119	HLA-DRA	2	2	2	2	2
rs2395171	32502515	HLA-DRA	0	0	0	0	0
rs2187818	32503546	HLA-DRA	2	2	2	2	2
rs3129845	32504255	HLA-DRA	0	0	0	0	0
rs3135340	32506850	HLA-DRA	0	0	0	0	0
rs984778	32508066	HLA-DRA	2	2	2	2	2
rs9501626	32508322	HLA-DRA	2	2	2	2	2
rs3129859	32508917	HLA-DRA	0	0	0	0	0
rs3135338	32509195	HLA-DRA	2	2	2	2	2
rs7356880	32509305	HLA-DRA	2	2	2	2	2
rs7773756	32510442	HLA-DRA	2	2	2	2	2
rs2395173	32512837	HLA-DRA	2	2	2	2	2
rs2395174	32512856	HLA-DRA	0	0	0	0	0
rs2395175	32513004	HLA-DRA	2	2	2	2	2
rs2395178	32513340	HLA-DRA	2	2	2	2	2
rs3129871	32514320	HLA-DRA	2	2	2	2	2
rs14004	32515687	HLA-DRA	2	2	2	2	2
rs3129876	32515990	HLA-DRA	0	0	0	0	0
rs3129878	32516713	HLA-DRA	0	0	0	0	0
rs3129882	32517508	HLA-DRA	2	2	2	2	2
rs3129886	32518554	HLA-DRA	2	2	2	2	2
rs3135391	32518965	HLA-DRA	2	2	2	2	2
rs2239805	32519354	HLA-DRA	0	0	0	0	0
rs2239804	32519501	HLA-DRA	2	2	2	2	2
rs7192	32519624	HLA-DRA	0	0	0	0	0
rs3129888	32519704	HLA-DRA	2	2	2	2	2
rs3135388	32521029	HLA-DRA	2	2	2	2	2
rs2395182	32521295	HLA-DRA	2	2	2	2	2
rs2227139	32521437	HLA-DRA	0	0	0	0	0
rs3129890	32522251	HLA-DRA	0	0	0	0	0
rs7452076	32523058	HLA-DRA	0	0	0	0	0
rs13209234	32523953	HLA-DRA	2	2	2	2	2

rs9268832	32535767	HLA-DRA	0	0	0	0	0
rs6903608	32536263	HLA-DRA	2	2	2	2	2
rs4434496	32538486	HLA-DRA	0	0	0	0	0
rs7766843	32538707	HLA-DRA	0	0	0	0	0
rs2395185	32541145	HLA-DRA	2	2	2	2	2
rs6901541	32550239	HLA-DRA	0	0	0	0	0
rs6916742	32561169	HLA-DRA	2	2	2	2	2
rs2516049	32678378	HLA-DRB1	2	2	2	2	2
rs660895	32685358	HLA-DRB1	2	2	2	2	2
rs532098	32686030	HLA-DRB1	2	2	2	2	2
rs9271366	32694832	HLA-DQA1	2	2	2	2	2
rs3129763	32698903	HLA-DQA1	0	0	0	0	0
rs1269829	32700829	HLA-DQA1	2	2	2	2	2
rs4639334	32710192	HLA-DQA1	2	2	2	2	2
rs2040410	32710676	HLA-DQA1	0	0	0	9	0
rs2040406	32710985	HLA-DQA1	0	0	0	0	0
rs2187668	32713862	HLA-DQA1	0	0	0	0	0
rs6927022	32720375	HLA-DQA1	2	2	2	2	2
rs7744001	32734064	HLA-DQB1	2	2	2	2	2
rs6928482	32734227	HLA-DQB1	9	9	2	2	9
rs1063355	32735692	HLA-DQB1	2	2	2	2	2
rs9275141	32759095	HLA-DQB1	2	2	2	2	2
rs6457614	32759878	HLA-DQB1	2	2	2	2	2
rs7755224	32760295	HLA-DQB1	2	2	2	2	2
rs3134975	32760559	HLA-DQB1	2	2	2	2	2
rs4947342	32761048	HLA-DQB1	2	2	2	2	2
rs2856691	32761413	HLA-DQB1	2	2	2	2	2
rs9275184	32762692	HLA-DQB1	2	2	2	2	2
rs2856683	32763196	HLA-DQB1	2	2	2	2	2
rs4642516	32765521	HLA-DQB1	2	2	2	2	2
rs7775228	32766057	HLA-DQB1	2	2	2	2	2
rs2157051	32766602	HLA-DQB1	2	2	2	2	2
rs5000634	32771542	HLA-DQB1	2	2	2	2	2
rs6457617	32771829	HLA-DQB1	2	2	2	2	2
rs2647012	32772436	HLA-DQB1	0	0	0	0	0
rs9357152	32772938	HLA-DQB1	2	2	2	2	2
rs10484561	32773398	HLA-DQB1	2	2	2	2	2
rs9275312	32773706	HLA-DQB1	2	2	2	2	2
rs1794282	32774504	HLA-DQB1	0	0	0	0	0
rs3135006	32775097	HLA-DQB1	2	2	2	2	2
rs9275390	32777134	HLA-DQB1	2	2	2	2	2
rs2647050	32777745	HLA-DQB1	2	2	2	2	2
rs2856718	32778233	HLA-DQB1	2	2	2	2	2
rs2856705	32778934	HLA-DQB1	2	2	2	2	2
rs1794265	32782715	HLA-DQA2	2	2	2	2	2
rs6932517	32786160	HLA-DQA2	0	0	0	0	0
rs9275572	32786977	HLA-DQA2	0	0	0	0	0

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rs2858333	32789063	HLA-DQA2	2	2	2	2	2
rs2858331	32789255	HLA-DQA2	2	2	2	2	2
rs7454108	32789461	HLA-DQA2	2	2	2	2	2
rs3916766	32789623	HLA-DQA2	2	2	2	2	2
rs3998159	32789997	HLA-DQA2	2	2	2	2	2
rs3873444	32790702	HLA-DQA2	2	2	2	2	2
rs3892710	32790840	HLA-DQA2	2	2	2	2	2
rs6935940	32791669	HLA-DQA2	2	2	2	2	2
rs6936863	32792007	HLA-DQA2	2	2	2	2	2
rs3916765	32793528	HLA-DQA2	2	2	2	2	2
rs12177980	32794062	HLA-DQA2	2	2	2	2	2
rs9461799	32797507	HLA-DQA2	2	2	2	2	2
rs2395246	32799753	HLA-DQA2	2	2	2	2	2
rs5029394	32803060	HLA-DQA2	2	2	2	2	2
rs2859100	32807457	HLA-DQA2	2	2	2	2	2
rs6913505	32810359	HLA-DQA2	0	0	0	0	0
rs2858881	32811823	HLA-DQA2	2	2	2	2	2
rs2858880	32812862	HLA-DQA2	2	2	2	2	2
rs7773149	32814020	HLA-DQA2	2	2	2	2	2
rs7773955	32814697	HLA-DQA2	2	2	2	2	2
rs2213568	32819554	HLA-DQA2	2	2	2	2	2
rs2213567	32819633	HLA-DQA2	2	2	2	2	2
rs9276431	32820225	HLA-DQA2	2	2	2	2	2
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rs2071800	32822121	HLA-DQA2	2	2	2	2	2
rs2395253	32823138	HLA-DQA2	2	2	2	2	2
rs4415152	32825002	HLA-DQA2	2	2	2	2	2
rs2213569	32829552	HLA-DQA2	2	2	2	2	2
rs6918223	32830510	HLA-DQB2	2	2	2	2	2
rs7756516	32831895	HLA-DQB2	2	2	2	2	2
rs7774954	32832167	HLA-DQB2	2	2	2	2	2
rs2301271	32833171	HLA-DQB2	2	2	2	2	2
rs762815	32837620	HLA-DQB2	2	2	2	2	2
rs7453920	32837990	HLA-DQB2	2	2	2	2	2
rs2051549	32838064	HLA-DQB2	2	2	2	2	2
rs2071550	32838918	HLA-DQB2	2	2	2	2	2
rs1573649	32839236	HLA-DQB2	2	2	2	2	2
rs6903130	32840188	HLA-DQB2	2	2	2	2	2
rs9276586	32840915	HLA-DQB2	2	2	2	2	2
rs6457655	32843484	HLA-DQB2	2	2	2	2	2
rs9296044	32844122	HLA-DQB2	2	2	2	2	2
rs9368741	32845485	HLA-DQB2	2	2	2	2	2
rs1383265	32847866	HLA-DQB2	2	2	2	2	2
rs2621421	32848649	HLA-DQB2	2	2	2	2	2
rs2621416	32849846	HLA-DQB2	2	2	2	2	2
rs2621413	32850509	HLA-DQB2	2	2	2	2	2

rs2857207	32851151	HLA-DQB2	2	2	2	2	2
rs9276644	32853021	HLA-DQB2	0	0	0	0	0
rs719654	32860117	HLA-DQB2	2	2	2	2	2
rs719653	32860544	HLA-DQB2	2	2	2	2	2
rs2857177	32860818	HLA-DQB2	2	2	2	2	2
rs7762279	32863268	HLA-DQB2	1	0	0	0	0
rs7758736	32866372	HLA-DOB	1	0	0	0	0
rs2621384	32867251	HLA-DOB	2	2	2	2	2
rs3948793	32867426	HLA-DOB	0	0	0	0	0
rs2857154	32870594	HLA-DOB	2	2	2	2	2
rs2621377	32871088	HLA-DOB	2	2	2	2	2
rs2857151	32871492	HLA-DOB	2	2	2	2	2
rs2857150	32871799	HLA-DOB	2	2	2	2	2
rs1383261	32873429	HLA-DOB	0	0	0	0	0
rs2621366	32876958	HLA-DOB	2	2	2	2	2
rs2219893	32877641	HLA-DOB	2	2	2	2	2
rs6899857	32878460	HLA-DOB	0	0	0	0	0
rs6457680	32878666	HLA-DOB	0	0	0	0	0
rs2621332	32888295	HLA-DOB	2	2	2	2	2
rs11244	32888702	HLA-DOB	0	0	0	0	0
rs2621330	32889502	HLA-DOB	2	2	2	2	2
rs2070121	32889532	HLA-DOB	2	2	2	2	2
rs2856997	32889754	HLA-DOB	2	2	2	2	2
rs2071475	32890365	HLA-DOB	2	2	2	2	2
rs2071474	32890560	HLA-DOB	2	2	2	2	2
rs2071473	32890583	HLA-DOB	2	2	2	2	2
rs7383287	32891064	HLA-DOB	1	0	0	0	0
rs2621326	32891874	HLA-DOB	2	2	2	2	2
rs2071554	32892654	HLA-DOB	2	2	2	2	2
rs2071469	32892761	HLA-DOB	2	2	2	2	2
rs2857107	32893493	HLA-DOB	1	2	2	2	2
rs1894408	32894811	HLA-DOB	2	2	2	2	2
rs3763350	32895097	HLA-DOB	2	2	2	2	2
rs17220136	32895315	TAP2	2	2	2	2	2
rs2857106	32895548	TAP2	2	2	2	2	2
rs2621323	32896685	TAP2	2	2	2	2	2
rs2856993	32899381	TAP2	2	2	2	2	2
rs1894411	32900951	TAP2	1	2	2	2	2
rs13501	32901501	TAP2	2	2	2	2	2
rs6905503	32902097	TAP2	2	2	2	2	2
rs2857101	32902654	TAP2	2	2	2	2	2
rs10484565	32903010	TAP2	2	2	2	2	2
rs241454	32904122	TAP2	2	2	2	2	2
rs241448	32904663	TAP2	2	2	2	2	2
rs241447	32904729	TAP2	2	9	2	9	2
rs4148876	32904771	TAP2	2	2	2	2	2
rs241440	32905339	TAP2	2	2	2	2	2

rs241438	32905598	TAP2	1	0	1	0	0
rs241437	32905662	TAP2	0	0	1	0	0
rs241436	32905854	TAP2	1	0	1	0	0
rs4576294	32906526	TAP2	2	2	2	2	2
rs241433	32906773	TAP2	2	2	2	2	2
rs9469282	32908733	TAP2	2	2	2	2	2
rs4148871	32911294	TAP2	2	2	2	2	2
rs241429	32911818	TAP2	1	0	0	0	0
rs3819721	32912776	TAP2	2	2	2	2	2
rs241424	32912912	TAP2	1	0	0	0	0
rs2071465	32913448	TAP2	1	0	0	0	0
rs2071552	32914439	TAP2	1	0	0	0	0
rs3763365	32915431	TAP2	1	2	2	2	2
rs3763364	32915498	TAP2	1	0	0	0	0
rs9357155	32917826	PSMB8	2	2	2	2	2
rs6924102	32919361	PSMB8	1	0	0	0	0
rs2071543	32919607	PSMB8	2	2	2	2	2
rs2071541	32920836	TAP1	2	2	2	2	2
rs2071540	32920894	TAP1	1	2	2	2	2
rs1057373	32921257	TAP1	2	2	2	2	2
rs1135216	32922953	TAP1	2	2	2	2	2
rs735883	32924032	TAP1	1	0	0	0	0
rs2071482	32924678	TAP1	2	2	2	2	2
rs4148882	32924936	TAP1	1	2	2	2	2
rs2395269	32925752	TAP1	2	2	2	2	2
rs2071538	32926656	TAP1	1	2	2	2	2
rs2071537	32926969	TAP1	2	2	2	2	2
rs2071481	32927843	TAP1	2	2	2	2	2
rs2071480	32929837	TAP1	1	0	0	0	0
rs4713600	32930836	PSMB9	1	0	0	0	0
rs3763347	32930953	PSMB9	1	0	0	0	0
rs991760	32931545	PSMB9	2	2	2	2	2
rs17587	32933068	PSMB9	1	0	0	0	0
rs9276814	32933068	PSMB9	1	0	0	0	0
rs2071477	32933326	PSMB9	1	0	0	0	0
rs2071476	32933357	PSMB9	1	0	0	0	0
rs7767288	32937991	PSMB9	1	0	0	0	0
rs1383266	32942710	PSMB9	1	2	2	2	2
rs10484566	32943236	PSMB9	2	2	2	2	2
rs12214934	32944478	PSMB9	2	2	2	2	2
rs6929078	32946642	PSMB9	1	0	0	0	0
rs6903433	32950953	PSMB9	2	2	2	2	2
rs7757767	32953851	PSMB9	1	0	0	0	0
rs2127675	32958828	PSMB9	1	0	0	0	0
rs4947259	32959485	PSMB9	1	0	0	0	0
rs2857218	32963318	PSMB9	1	0	0	0	0
rs2018501	32964186	PSMB9	1	2	2	2	2

rs1029295	32964460	PSMB9	2	2	2	2	2
rs241413	32966978	PSMB9	1	0	0	0	0
rs9469300	32968730	PSMB9	2	2	2	2	2
rs241410	32969629	PSMB9	1	2	2	2	2
rs3749981	32970660	PSMB9	2	2	2	2	2
rs241407	32970718	PSMB9	2	2	2	2	2
rs241405	32973776	HLA-DMB	1	2	2	2	2
rs241404	32973975	HLA-DMB	1	0	0	0	0
rs9296057	32977893	HLA-DMB	2	2	2	2	2
rs3101942	32978035	HLA-DMB	1	2	2	2	2
rs241398	32983428	HLA-DMB	1	0	0	0	0
rs9501234	32984027	HLA-DMB	2	2	2	2	2
rs154989	32985151	HLA-DMB	1	2	2	2	2
rs7769282	32986253	HLA-DMB	2	2	2	2	2
rs154986	32987211	HLA-DMB	2	2	2	2	2
rs154984	32988397	HLA-DMB	2	2	2	2	2
rs154981	32988971	HLA-DMB	1	2	2	2	2
rs241458	32996544	HLA-DMB	1	2	2	2	2
rs154978	33007274	HLA-DMB	1	2	2	2	2
rs154977	33007996	HLA-DMB	1	1	0	0	0
rs154972	33008629	HLA-DMB	1	1	2	2	2
rs181997	33008696	HLA-DMB	1	1	2	2	2
rs3129299	33008765	HLA-DMB	2	2	2	2	2
rs154971	33009633	HLA-DMB	2	2	2	2	2
rs3132132	33009912	HLA-DMB	2	2	2	2	2
rs10751	33010561	HLA-DMB	2	2	2	2	2
rs151719	33011878	HLA-DMB	2	1	2	2	2
rs1007636	33012019	HLA-DMB	2	2	2	2	2
rs2071556	33012579	HLA-DMB	2	2	2	2	2
rs1042337	33012959	HLA-DMB	2	2	2	2	2
rs714289	33013789	HLA-DMB	2	1	2	2	2
rs2395296	33019792	HLA-DMB	2	2	2	2	1
rs10484567	33020530	HLA-DMB	2	2	2	2	2
rs1480380	33021224	HLA-DMA	1	1	0	0	1
rs194682	33022591	HLA-DMA	2	2	2	2	2
rs3135029	33029752	HLA-DMA	2	2	2	2	2
rs9378127	33030437	HLA-DMA	2	2	2	2	1
rs209473	33030886	HLA-DMA	1	2	2	2	1
rs209474	33032562	HLA-DMA	2	1	2	2	2
rs580962	33033670	HLA-DMA	1	2	2	2	1
rs10484568	33043729	BRD2	2	2	2	2	2
rs683208	33045879	BRD2	2	2	2	2	2
rs3130597	33049169	BRD2	2	2	2	2	2
rs620202	33049888	BRD2	2	2	2	2	2
rs485502	33051323	BRD2	1	2	2	2	1
rs3097644	33053508	BRD2	2	2	2	2	2
rs206781	33054111	BRD2	2	1	2	2	2

rs2066744	33056311	BRD2	2	2	2	2	2
rs2071876	33056404	BRD2	2	2	2	2	2
rs1049414	33056585	BRD2	0	1	0	0	1
rs1049526	33056782	BRD2	2	2	2	2	2
rs565876	33058028	BRD2	2	1	2	2	2
rs3135034	33059640	BRD2	2	2	2	2	2
rs188245	33063954	BRD2	1	2	2	2	1
rs206767	33070398	HLA-DOA	1	2	2	2	1
rs206765	33072674	HLA-DOA	2	1	2	2	2
rs176248	33073920	HLA-DOA	1	1	1	0	0
rs2395300	33076254	HLA-DOA	1	0	1	1	1
rs172274	33077435	HLA-DOA	1	0	1	1	1
rs206762	33078428	HLA-DOA	1	2	1	2	1
rs3128931	33079686	HLA-DOA	2	2	2	1	2
rs3128935	33080382	HLA-DOA	2	2	2	2	2
rs1044429	33080620	HLA-DOA	2	1	2	2	2
rs376892	33080865	HLA-DOA	2	2	2	1	2
rs3129304	33081721	HLA-DOA	2	2	2	2	2
rs2581	33082379	HLA-DOA	1	2	2	1	1
rs2582	33082529	HLA-DOA	2	1	2	2	2
rs399604	33082992	HLA-DOA	1	2	2	1	1
rs2284191	33084632	HLA-DOA	2	2	1	2	2
rs86567	33084737	HLA-DOA	1	2	2	2	1
rs403414	33085293	HLA-DOA	2	2	1	2	2
rs381218	33085398	HLA-DOA	1	2	2	2	1
rs6911639	33086156	HLA-DOA	2	2	2	1	2
rs429916	33086565	HLA-DOA	1	1	1	1	1
rs4711313	33087724	HLA-DOA	1	0	0	0	1
rs441126	33088556	HLA-DOA	2	2	2	2	2
rs6457699	33089625	HLA-DOA	1	0	0	0	1
rs413887	33090276	HLA-DOA	2	2	2	2	2
rs9276994	33092233	HLA-DOA	1	0	1	0	1
rs2116264	33092766	HLA-DOA	2	1	2	2	2
rs3130604	33093030	HLA-DOA	2	2	2	2	2
rs1367731	33093177	HLA-DOA	2	2	2	1	2
rs4713605	33093970	HLA-DOA	1	0	1	0	1
rs430188	33095520	HLA-DOA	2	2	2	2	2
rs423639	33095752	HLA-DOA	2	2	2	2	2
rs6457702	33096027	HLA-DOA	1	2	2	2	1
rs9296068	33096673	HLA-DOA	1	0	0	0	1
rs3129301	33098038	HLA-DOA	2	2	2	2	2
rs12055709	33101244	HLA-DOA	2	1	1	1	2
rs9277015	33101244	HLA-DOA	2	1	1	1	2
rs6933546	33103992	HLA-DOA	2	1	1	1	2
rs6920606	33105652	HLA-DOA	2	1	1	1	2
rs9277027	33106216	HLA-DOA	2	1	1	2	2
rs3130171	33106707	HLA-DOA	0	1	1	1	0

rs3135195	33107308	HLA-DOA	2	2	2	2	2
rs2858458	33111043	HLA-DOA	1	1	1	0	1
rs423196	33111540	HLA-DOA	1	1	1	0	1
rs763469	33112365	HLA-DOA	2	2	2	2	2
rs439852	33113186	HLA-DPA1	1	1	1	0	1
rs7774158	33115730	HLA-DPA1	2	1	1	2	2
rs441576	33116524	HLA-DPA1	2	1	1	2	2
rs375912	33124706	HLA-DPA1	2	1	1	2	2
rs3130176	33125435	HLA-DPA1	1	2	2	2	1
rs7738815	33128365	HLA-DPA1	2	2	2	2	2
rs412735	33132110	HLA-DPA1	1	1	2	1	1
rs2116263	33133471	HLA-DPA1	2	2	2	2	2
rs422544	33134088	HLA-DPA1	2	2	1	2	2
rs2395309	33134224	HLA-DPA1	1	1	1	1	1
rs588997	33136695	HLA-DPA1	1	1	0	1	1
rs3077	33141000	HLA-DPA1	1	1	1	1	1
rs2301226	33142574	HLA-DPA1	2	2	2	2	2
rs1042178	33145500	HLA-DPA1	2	2	2	2	2
rs1126534	33145617	HLA-DPA1	2	2	2	2	2
rs9277341	33147603	HLA-DPA1	1	1	1	1	1
rs9469343	33148191	HLA-DPA1	2	2	2	2	2
rs9380340	33150269	HLA-DPA1	2	2	2	2	2
rs987870	33150858	HLA-DPB1	1	1	1	1	1
rs2071349	33151498	HLA-DPB1	2	2	2	2	2
rs3135021	33153536	HLA-DPB1	2	2	1	2	2
rs3135024	33155444	HLA-DPB1	2	2	2	1	1
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