SNP	Positon	Gene	503	504	505	506	507	513	514	515	516	517	518	519	520	521	522	SWEIGAD0325	SWEIGAD0340	SWEIGAD0361	SWEIGAD0363	SWEIGAD0365	SWEIGAD0366	SWEIGAD0367	SWEIGAD0415
rs2860580	HLA-A	30014670	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	0	1	1	1	2	0	1	1
rs9260080	HLA-A	30017050	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs9260097	HLA-A	30017499	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs9260101	HLA-A	30017538	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs1136657	HLA-A	30018517	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs34540921	HLA-A	30020148	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs1062405	HLA-A	30021494	2	9	9	2	9	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1
rs2571382	HLA-A	30021706	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2
rs1616549	HLA-A	30022249	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2
rs1655900	HLA-A	30024597	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	2	1	1	1	0	2	2	1
rs2517715	HLA-A	30025418	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	0	1	1	1	2	1	1	2
rs2916805	HLA-A	30025482	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs2523949	HLA-A	30025570	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2
rs2517713	HLA-A	30026078	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs9260382	HLA-A	30026177	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs3094674	HLA-A	30026517	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2
rs17179655	HLA-A	30026736	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs1655912	HLA-A	30028444	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	1	2
rs9260514	HLA-A	30028918	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs9260516	HLA-A	30028973	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs28749167	HLA-A	30029013	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs9260575	HLA-A	30030278	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	9	2	2	2	2	0	2	2
rs16896742	HLA-A	30030719	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	0	1	1	1	2	1	1	2
rs9260622	HLA-A	30031107	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs404046	HLA-A	30031796	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2
rs9260657	HLA-A	30032109	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs892666	HLA-A	30032707	2	2	2	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	1	1
rs12665039	HLA-A	30032758	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs429511	HLA-A	30032810	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	2	1	1	1	0	2	2	1
rs2523940	HLA-A	30033796	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2
rs2517700	HLA-A	30034061	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2
rs9260679	HLA-A	30034356	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2
rs9260684	HLA-A	30034633	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs441808	HLA-A	30036116	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	0	1	1	1	2	0	1	2
rs2428521	HCG9	30036628	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	0	1	1	1	2	0	1	2
rs2517691	HCG9	30037034	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs2517689	HCG9	30037232	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	0	1	1	1	2	0	1	2
rs1632872	HCG9	30037807	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9260722	HCG9	30039777	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2
rs9260734	HCG9	30040645	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2
rs3903160	HCG9	30040876	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	0	1	1	1	2	1	1	2
rs6457109	HCG9	30041240	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	1	2	2	2	2	2	2	2
rs6457110	HCG9	30041860	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	0	1	1	1	2	1	1	1
rs6935053	HCG9	30042142	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	0	1	1	1	2	1	1	2
rs4713270	HCG9	30042676	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	0	1	1	1	2	1	1	2
rs3869062	HCG9	30042870	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3893464	HCG9	30043229	2	2	2	2	2	2	1	2	2	9	2	2	2	2	2	0	1	1	1	2	1	1	1
rs9260759	HCG9	30043351	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1
rs17186496	HCG9	30044173	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs11206499	HCG9	30045106	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	0	1	1	1	2	1	1	2
rs2517673	HCG9	30045221	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	1	2	2
rs11752303	HCG9	30045520	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs2256539	HCG9	30045719	2	2	2	2	2	2	1	2	2	2	2	2	2	1	2	2	2	2	2	2	1	2	1
rs2256543	HCG9	30045812	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	0	1	1	1	2	0	1	1
rs1061535	HCG9	30045903	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1
rs2523971	HCG9	30046237	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	2	1	1	1	0	2	1	1
rs2523966	HCG9	30047219	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	0	1	1	1	2	0	1	1
rs2256820	HCG9	30048085	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2
rs2256902	HCG9	30048351	2	2	2	2	2	2	1	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs5009448	HCG9	30048467	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	1	2	1
rs2256919	HCG9	30048729	2	2	2	2	2	2	1	2	2	9	2	2	2	2	2	2	2	2	2	2	1	2	1
rs2735078	HCG9	30049379	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	2	1	1	1	0	2	1	1
rs2523946	HCG9	30049922	2	2	2	2	2	2	1	2	2	1	2	2	2	2	2	0	1	1	1	2	0	1	2
rs3823355	HCG9	30050062	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	0	1	1	1	2	1	1	2
rs2232236	HCG9	30050170	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2
rs35066870	HCG9	30050618	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	0	1	1	1	2	1	1	2
rs400488	HCG9	30051014	2	2	2	2	2	2	1	2	2	1	2	2	2	2	2	2	2	2	2	2	1	2	2
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rs2735076	HCG9	30051469	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2394250	HCG9	30051635	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	0	1	1	1	2	0	1	2
rs2245961	HCG9	30051983	2	2	2	2	2	2	1	2	2	9	2	2	2	2	2	2	2	2	2	2	1	2	2
rs3823375	HCG9	30052137	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	0	1	1	1	2	0	1	2
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rs2246068	HCG9	30052630	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs2571375	HCG9	30053249	2	2	9	2	2	2	1	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2246199	HCG9	30053599	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3132685	HCG9	30053928	0	0	0	0	0	0	1	0	0	1	0	0	0	0	1	2	2	1	1	0	2	2	1
rs9468671	HCG9	30054527	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2108691	HCG9	30056344	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2735069	HCG9	30056461	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9260915	HCG9	30056536	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1
rs9260916	HCG9	30056687	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1
rs2394255	HCG9	30057800	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	0	1	1	1	2	1	1	2
rs379221	HCG9	30058119	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2
rs401618	HCG9	30058189	0	0	9	0	0	0	1	0	0	0	0	0	0	0	0	2	1	1	1	0	2	1	1
rs11757750	HCG9	30060141	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9380148	HCG9	30060684	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs17186937	HCG9	30060793	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs4947244	HCG9	30062343	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	0	1	1	1	2	1	1	2
rs17180570	HCG9	30062763	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs17180577	HCG9	30062792	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs5025708	HCG9	30063178	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs12665186	HCG9	30064821	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9260930	HCG9	30064932	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1
rs4959039	HCG9	30065048	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	0	1	1	1	2	1	1	2
rs12662611	HCG9	30065056	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs7749944	HCG9	30067979	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs7770811	HCG9	30068338	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs9260967	HCG9	30069346	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1
rs9260984	HCG9	30070247	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1
rs6457121	HCG9	30071044	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	0	1	1	1	2	1	1	2
rs6910898	HCG9	30071158	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1
rs9260997	HCG9	30071295	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9261035	HCG9	30074154	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1
rs9261040	HCG9	30074599	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1
rs6941318	HCG9	30074829	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1
rs17180940	HCG9	30075117	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs356960	HCG9	30076254	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9261079	HCG9	30076743	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1
rs9261082	HCG9	30077178	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1
rs7758512	HCG9	30078568	2	2	2	2	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2	2	2	1
rs9261093	HCG9	30078664	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1
rs17187411	HCG9	30081097	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs11965524	HCG9	30081166	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1
rs2286405	HCG9	30081371	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1
rs9261105	HCG9	30082479	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1
rs6940082	HCG9	30083074	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1
rs9261108	HCG9	30083566	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1
rs9261111	HCG9	30084478	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs9261115	HCG9	30085952	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1
rs2394256	HCG9	30086132	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs4713281	HCG9	30086331	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	0	1	1	1	2	1	1	2
rs9261129	HCG9	30087558	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	1
rs9261130	HCG9	30088424	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1
rs9261138	HCG9	30089494	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1
rs16896044	HCG9	30089729	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs11965585	HCG9	30090408	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs356954	HCG9	30091517	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	2	1	1	1	0	2	1	1
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rs6931776	HCG9	30094406	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1
rs165256	HCG9	30094663	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9261151	ZNRD1	30095717	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1
rs3129012	ZNRD1	30096621	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	2	1	1	1	0	2	2	1
rs3891156	ZNRD1	30096719	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1

rs9261154	ZNRD1	30098916	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1
rs9261156	ZNRD1	30099517	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1
rs1150743	ZNRD1	30100240	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2
rs6925061	ZNRD1	30100265	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	1
rs166325	ZNRD1	30101175	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs259923	ZNRD1	30102523	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs9261171	ZNRD1	30104100	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1
rs9261174	ZNRD1	30104834	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1
rs9261176	ZNRD1	30105291	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1
rs9261181	ZNRD1	30106851	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2
rs4448133	ZNRD1	30107513	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1
rs9261189	ZNRD1	30108259	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1
rs16896923	ZNRD1	30108666	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs10947046	ZNRD1	30108952	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9261193	ZNRD1	30110152	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1
rs166327	ZNRD1	30110860	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	0	1	1	1	2	1	1
rs3869067	ZNRD1	30111776	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1
rs3869068	ZNRD1	30112031	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	1
rs259932	ZNRD1	30112828	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9261203	ZNRD1	30113022	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1
rs4711207	ZNRD1	30113733	2	2	9	2	2	2	2	2	2	9	2	2	2	2	2	0	1	1	1	2	1	1
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rs259937	ZNRD1	30115472	2	2	2	2	2	2	1	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2
rs9261212	ZNRD1	30116975	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9261216	ZNRD1	30118118	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1
rs259940	ZNRD1	30119913	0	0	0	0	0	0	1	0	0	9	0	0	0	0	0	2	1	1	1	0	2	1
rs9261224	ZNRD1	30121866	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1
rs259942	ZNRD1	30123146	2	2	2	2	2	2	1	2	2	1	2	2	2	2	2	2	2	2	2	2	2	1
rs3134879	ZNRD1	30123884	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	0	1	1	1	2	1	1
rs3132128	ZNRD1	30124169	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs7771476	ZNRD1	30124552	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1
rs6917603	ZNRD1	30125050	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs28776219	ZNRD1	30127545	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1
rs28874064	ZNRD1	30127807	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs9261258	ZNRD1	30130787	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1
rs3869070	ZNRD1	30131847	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	0	1	1	1	2	1	1
rs9366752	ZNRD1	30132656	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	0	1	1	1	2	1	1
rs9261263	ZNRD1	30132728	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1
rs259919	ZNRD1	30133482	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	2	1	1	1	0	2	1
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rs916570	TRIM31	30174010	0	0	0	0	0	0	1	0	0	9	0	0	0	0	0	2	1	1	1	0	2	2
rs1264701	TRIM31	30174337	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	1	2
rs1264695	TRIM31	30175871	0	0	0	0	0	0	1	0	0	9	0	0	0	0	0	2	1	1	1	0	2	2
rs9261403	TRIM31	30177504	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1
rs1116221	TRIM31	30179309	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	2	1	1	1	0	2	2
rs11964542	TRIM31	30179739	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2844796	TRIM31	30180490	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	2	1	1	1	0	2	2
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rs2844795	TRIM31	30181826	2	2	2	2	2	2	2	2	2	9	2	2	2	2	1	2	1	2	2	2	1	1
rs9261407	TRIM31	30182007	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3132679	TRIM31	30183822	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2
rs2023472	TRIM31	30183843	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	1	1	0	1	2
rs2074483	TRIM31	30184734	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2	1	1	1	0	2	2
rs9378220	TRIM31	30185114	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2
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rs4959041	TRIM31	30185946	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	0	1	1	1	2	1	1
rs2523989	TRIM31	30186254	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	1	1	0	2	2
rs2523987	TRIM31	30187972	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	1	1	0	2	2
rs3734838	TRIM31	30188210	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2
rs2517598	TRIM31	30188253	0	0	0	0	0	0	0	0	0	9	0	0	0	0	1	2	2	1	1	0	2	2
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rs2523984	TRIM31	30189982	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	1	1	0	2	2
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rs757262	TRIM40	30222934	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	0	1	1	1	2	1	1	2
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rs2516714	FLJ45422	30334283	9	9	9	9	9	9	0	9	9	9	9	9	9	9	2	2	2	2	2	9	2	1	2
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rs3094073	FLJ45422	30339203	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	1	1	0	1	2	1
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rs3094626	RPP21	30431602	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	2	0	0	0	0	1	0
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rs6936943	RPP21	30460965	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	0	0	0	0	1	0
rs3094710	RPP21	30461048	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	0	2	2	2	2	1	2
rs3130126	RPP21	30461718	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	1	1	0	2	2	0
rs3094028	RPP21	30462621	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	0	2	2	2	2	1	2
rs3130131	RPP21	30462686	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	0	2	2	2	2	1	2
rs9468703	RPP21	30463997	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

rs3130140	RPP21	30465759	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	0	2	2	2	2	1	2
rs3094051	RPP21	30466130	2	2	9	2	2	2	2	2	2	2	2	2	2	2	1	1	0	2	2	2	2	1	2
rs3130143	RPP21	30466195	2	2	9	2	2	2	2	2	2	2	2	2	2	2	1	1	0	2	2	2	2	1	2
rs3094050	RPP21	30466570	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	1	1	0	2	2	0
rs3094700	RPP21	30468047	2	2	9	2	2	2	2	2	2	2	2	2	2	2	1	1	0	2	2	2	2	1	2
rs3094697	RPP21	30469211	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	0	2	2	2	2	1	2
rs3094042	RPP21	30469397	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	0	2	2	2	2	1	2
rs2516685	RPP21	30469587	2	2	9	2	2	2	2	2	2	2	2	2	2	2	1	1	0	2	2	2	2	1	2
rs3130108	RPP21	30470593	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	0	2	2	2	2	1	2
rs2516684	RPP21	30470974	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs1362117	RPP21	30475161	2	2	9	2	9	2	2	2	2	2	2	2	2	9	2	0	1	1	2	2	0	0	2
rs12203316	RPP21	30475991	2	2	2	2	2	2	2	2	2	2	2	2	2	9	2	1	1	2	2	2	2	1	2
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rs4711219	HLA-E	30522715	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2524201	HLA-E	30523883	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	0	0	1	1	2	0	1	2
rs4959047	HLA-E	30524532	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	1	2	2	0	2	2
rs2844730	HLA-E	30525593	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	0	0	1	1	2	0	1	2
rs9468768	HLA-E	30525683	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs34116681	HLA-E	30526333	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	0	1	2	2	2	9	1	2
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rs3094693	HLA-E	30526945	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs9918306	HLA-E	30527750	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	1	2	2	0	2	2
rs1076832	HLA-E	30527810	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	1	1	2	2	2	2	1	2
rs9295886	HLA-E	30529376	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	1	2	2	0	2	2
rs2844729	HLA-E	30530611	2	2	2	2	2	2	2	2	2	9	2	2	2	2	1	1	0	2	1	2	2	1	2
rs17411480	HLA-E	30531096	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	1	2	2	9	2	2
rs35407515	HLA-E	30531202	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	1	2	2	0	2	2
rs34101875	HLA-E	30531337	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	1	2	2	0	2	2
rs33986393	HLA-E	30532053	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	1	2	2	0	2	2
rs2516678	HLA-E	30532179	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	0	2	1	2	2	1	2
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rs9501336	HLA-E	30535489	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	1	2	1	2	2	0	2	2
rs9461611	HLA-E	30536206	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	1	2	2	0	2	2
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rs2516676	HLA-E	30538461	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs3130141	HLA-E	30540156	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	1	1	0	2	2	0
rs10456384	HLA-E	30541069	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	1	2
rs2524172	HLA-E	30541590	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs2844726	HLA-E	30552336	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	1	1	0	2	2	0
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rs2021720	HLA-E	30557223	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	0	1	1	2	2	0	0	2
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rs3094694	HLA-E	30559883	0	0	0	0	0	0	0	0	0	9	0	0	0	0	1	2	2	1	1	0	2	2	0
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rs17875371	HLA-E	30568211	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs11548303	HLA-E	30569236	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs1264456	HLA-E	30570063	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	1	2
rs2508024	HLA-E	30573491	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	1	2
rs7754598	HLA-E	30575674	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs34372168	HLA-E	30575724	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9394008	HLA-E	30576142	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3131115	HLA-E	30576770	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	1	0	0	1	0
rs2844724	HLA-E	30577169	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	1	2
rs9468785	HLA-E	30578648	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2429657	HLA-E	30579499	2	2	9	2	2	9	2	2	2	2	2	2	2	2	2	2	1	2	1	2	2	2	2
rs2844720	HLA-E	30583696	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	1	2

rs6941462	HLA-E	30585226	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2844718	HLA-E	30585255	2	9	9	2	9	9	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	1	2
rs975195	HLA-E	30585926	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	1	2
rs28780109	HLA-E	30585970	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9688670	HLA-E	30588413	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2534812	HLA-E	30590972	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	1	2
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rs10484552	HLA-E	30592015	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	1	2	2	2	2
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rs28500746	GNL1	30596138	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs7768140	GNL1	30596182	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs2534824	GNL1	30604139	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	1	2
rs2534823	GNL1	30604795	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	1	2
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rs2534815	GNL1	30607106	2	2	9	2	9	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	1	2
rs6930075	GNL1	30607810	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3130039	GNL1	30608515	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	1	2
rs13437329	GNL1	30611077	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs2524224	GNL1	30613927	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	1	2
rs12525465	GNL1	30618971	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs12664853	GNL1	30619607	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs1058318	GNL1	30620142	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	1	2
rs12192673	GNL1	30620484	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	1	2
rs17195411	GNL1	30620582	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs1051139	GNL1	30622971	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs11559096	GNL1	30623011	9	9	1	9	9	9	9	9	9	9	2	9	9	9	9	2	2	2	2	2	2	2	2
rs9468786	GNL1	30623186	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs11759871	GNL1	30627063	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2844713	GNL1	30627237	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	1	2
rs6908888	GNL1	30629414	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs35399229	GNL1	30630574	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9468788	GNL1	30632403	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs1264432	ABCF1	30670000	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	1	2
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rs12665339	C6orf134	30709211	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	1	1	2	2	2	2	1	2
rs17195551	C6orf134	30709374	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9501026	C6orf134	30709623	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs28445993	C6orf134	30710328	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs17189211	C6orf134	30716847	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs1140809	C6orf134	30719655	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	0	1	1	2	2	2	0	2
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rs3094102	C6orf134	30720474	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs11758851	C6orf134	30722076	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9262135	C6orf136	30726885	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	1	1	0	1	2	0
rs11557269	C6orf136	30727185	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs13206332	C6orf136	30727616	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs1127956	C6orf136	30728474	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs1127955	DHX16	30728955	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs17195572	DHX16	30730329	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs17281677	DHX16	30730438	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs34057232	DHX16	30731048	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs1127932	DHX16	30732203	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs1127935	DHX16	30732814	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs35969414	DHX16	30734593	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs34741818	DHX16	30735117	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9262138	DHX16	30735846	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

rs3130000	DHX16	30736061	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs1076828	DHX16	30736231	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	1	0	0	1	2	0
rs17189232	DHX16	30738423	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2285322	DHX16	30738532	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs4713346	DHX16	30739042	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs35836922	DHX16	30740634	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs35041809	DHX16	30740743	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs3094097	DHX16	30741854	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs7749235	DHX16	30743572	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs6937357	DHX16	30748303	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs9262140	DHX16	30751214	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs28360604	DHX16	30751746	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	1	2	2	2	1	2
rs9262141	DHX16	30752116	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	1	1	0	1	2	0
rs17195600	DHX16	30752787	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs17195607	DHX16	30752966	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2239887	NRM	30757910	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9262142	NRM	30758005	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	1	1	0	1	2	0
rs2394392	NRM	30758297	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9262143	NRM	30760760	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	2	2	1	1	0	1	2	0
rs2269706	NRM	30760851	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	1	2	2
rs9262144	NRM	30761111	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs11539190	NRM	30764021	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs17189280	NRM	30764361	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs3094092	NRM	30764994	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs1075496	NRM	30766218	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	0	1	1	2	2	1	0	2
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rs3909184	FLOT1	30807363	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9262155	FLOT1	30808476	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2
rs9969042	FLOT1	30808537	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9380182	FLOT1	30811604	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs28380598	FLOT1	30812965	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2844704	FLOT1	30813992	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	1	2	2	2	1	2
rs12111310	FLOT1	30816407	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs1059612	FLOT1	30816934	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	1	1	0	1	2	0
rs10947088	FLOT1	30817809	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs11549763	FLOT1	30817946	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs10947089		30818114	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs1049943	IER3	30819005	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs17195733	IER3	30824970	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs7763502	IER3	30825616	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2
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rs17195754	IER3	30828546	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3129973	IER3	30829122	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	1	0	0	1	2	0
rs3129974	IER3	30831148	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	1	0	0	1	2	0
rs3095328	IER3	30831760	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	1	0	0	1	2	0
rs2394401	IER3	30832409	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	1	2	2	2	2	2
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rs3095340	IER3	30834918	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	1	0	0	1	2	0
rs3094122	IER3	30836339	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	1	2	0
rs11966040	IER3	30837466	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3094121	IER3	30838939	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	1	2	0
rs9262176	IER3	30839309	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs13214831	IER3	30839484	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2
rs3129975	IER3	30840033	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	1	2	0
rs6901842	IER3	30841100	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs12210947	IER3	30843084	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	1	2
rs11963870	IER3	30843208	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs11964596	IER3	30844520	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3094117	IER3	30845465	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	1	2	0
rs3094116	IER3	30846387	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	1	2	0
rs3095336	IER3	30846425	0	0	9	0	0	9	0	0	0	0	0	0	0	0	0	2	2	1	0	0	1	2	0
rs12527188	IER3	30846455	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2
rs6911628	IER3	30847825	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	1	2	0
rs3130666	IER3	30848139	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs16897888	IER3	30848494	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	1	2
rs16897889	IER3	30848659	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	1	2
rs9295911	IER3	30850529	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs17481190	IER3	30850993	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2
rs3130667	IER3	30851220	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	1	2
rs11757629	IER3	30852508	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs12526481	IER3	30854612	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	1	2	2
rs11967687	IER3	30855139	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs13220225	IER3	30855781	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2
rs3132599	IER3	30856143	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	1	0	0	1	2	0

rs9468829	IER3	30857212	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2
rs9468830	IER3	30857691	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	1	2	2
rs17189427	IER3	30858208	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs17189434	IER3	30858330	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs28894086	IER3	30859305	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	1	2	2
rs9295912	IER3	30860163	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	1	2	2
rs4713360	IER3	30861125	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	1	2	2
rs28780116	IER3	30863647	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	1	2	2
rs16897900	IER3	30863872	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	1	2	2
rs13201769	IER3	30864045	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	1	2	2	1	2	2
rs4711228	IER3	30864253	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	1	2	2
rs4713366	IER3	30864340	2	2	1	9	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	1	2	2
rs13210059	IER3	30865764	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3131043	IER3	30866445	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	2	0	2
rs17189441	IER3	30866534	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2
rs17195809	IER3	30866914	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3131050	IER3	30868004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	1	0	0	1	2	0
rs34682678	IER3	30868618	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2
rs3094112	IER3	30869713	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	1	2	0
rs3129985	IER3	30870521	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	1	0	0	1	2	0
rs3131060	IER3	30871270	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	1	0	0	1	2	0
rs3129986	IER3	30871541	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	1	0	0	1	2	0
rs3131062	IER3	30871693	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	1	0	0	1	2	0
rs3131063	IER3	30871735	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	1	1	2
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rs1264377	IER3	30872886	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	1	0	0	1	2	0
rs12190167	IER3	30874173	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	1	2
rs12197154	IER3	30874223	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	1	2
rs4639381	IER3	30874744	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2	2	1	1	2
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rs4711235	IER3	30876615	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	1	1	1	2	2	1	1	2
rs3129988	IER3	30877457	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs9380192	IER3	30880323	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2	2	1	1	2
rs3094123	IER3	30880357	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2
rs4713376	IER3	30881293	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	1	2
rs9378109	IER3	30882453	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	1	2	2	2	2	2
rs9391634	IER3	30883558	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs9404974	IER3	30884462	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	1	2	2
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rs9380197	IER3	30886182	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2	2	1	1	2
rs28456054	IER3	30887051	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs4327730	IER3	30888915	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	1	2
rs915665	IER3	30889360	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2
rs12210318	IER3	30889883	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	1	2
rs886424	IER3	30889981	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	1	0	0	1	2	0
rs2894046	DDR1	30890084	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2	2	1	1	2
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rs4713380	DDR1	30893252	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	1	2	2	1	2	2
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rs6921234	DDR1	30895302	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs4713385	DDR1	30895572	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	1	2	2	1	2	2
rs16897921	DDR1	30897505	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	1	2
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rs4713391	DDR1	30900214	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	1	1	2	2	2	2	1	2
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rs1264350	DDR1	30904524	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	1	0	0	1	2	0
rs12198723	DDR1	30904713	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	1	2
rs3130785	DDR1	30904717	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	1	2	2	2	2	2	2
rs1264348	DDR1	30906452	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	1	1	0
rs3130647	DDR1	30907051	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	0	2	2	2	2	1	2
rs9501030	DDR1	30907378	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	1	2
rs28732074	DDR1	30908271	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs1264341	DDR1	30910444	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	1	0	0	1	2	0
rs3130649	DDR1	30911233	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	0	2	2	2	2	1	2
rs3095352	DDR1	30913900	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	1	0	2	2	2	2	1	2
rs9262222	DDR1	30915714	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2517581	DDR1	30917643	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2
rs2535336	DDR1	30918633	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	1	2	2	2	1	2
rs9461636	DDR1	30919896	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs17195893	DDR1	30920397	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs2517576	DDR1	30923014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	1	0	0	0	2	0
rs2535331	DDR1	30924249	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	1	2	2	2	1	2
rs3132578	DDR1	30924844	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	0	2	2	2	2	1	2
rs3130652	DDR1	30927236	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	1	0	9	9	9	9	1	2
rs2250264	DDR1	30929166	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	1	2	1	2	2	2	1	2
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rs2535327	DDR1	30934883	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	1	2	2	2	1	2
rs2844657	DDR1	30937501	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2	2	1	0	0	0	2	0
rs7761138	DDR1	30938271	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	1	2	2
rs9262256	DDR1	30938318	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs2535340	DDR1	30946476	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	1	0	0	1	2	0
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rs3130795	DDR1	30947608	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	0	2	2	2	2	1	2
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rs9295930	DDR1	30957801	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	1	2
rs9501032	DDR1	30958170	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	1	2
rs1264327	DDR1	30958561	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	1	2	2	2	1	2
rs9461638	DDR1	30959284	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	1	2
rs1264326	DDR1	30959888	9	9	9	9	9	9	0	9	9	9	0	0	0	0	0	2	2	1	0	0	1	2	0
rs9468842	DDR1	30960726	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	1	2
rs3131034	DDR1	30961775	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2
rs6901464	DDR1	30962069	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	1	2
rs2855551	DDR1	30963043	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs1264324	DDR1	30963190	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs4618569	DDR1	30963230	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	1	2
rs1264323	DDR1	30963886	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	1	1	1	2	2	2	1	2
rs1130681	DDR1	30964671	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2517569	DDR1	30964849	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2229933	DDR1	30965051	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	1	2
rs2524257	DDR1	30966970	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2524253	DDR1	30967623	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2855546	DDR1	30967756	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

rs2524252	DDR1	30968347	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2524251	DDR1	30968389	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2524250	DDR1	30968457	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs1264319	DDR1	30970402	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	1	0	0	0	2	0
rs1264318	DDR1	30971509	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	1	0	0	0	2	0
rs886422	DDR1	30972258	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	1	0	0	1	2	0
rs1049623	DDR1	30972808	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	1	1	1	2	2	2	1	2
rs35986185	DDR1	30973883	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs6933271	DDR1	30975809	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9295931	DDR1	30977693	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	1	2
rs3869086	DDR1	30978147	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	1	2
rs12206075	DDR1	30978979	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	1	2
rs13215409	DDR1	30979598	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	1	2
rs3130779	GTF2H4	30980182	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2
rs1264312	GTF2H4	30980961	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	1	0	0	1	2	0
rs3909130	GTF2H4	30982144	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	1	2
rs2284175	GTF2H4	30983124	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	1	2
rs1052693	GTF2H4	30984131	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	1	2
rs11542629	GTF2H4	30984866	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3869090	GTF2H4	30985237	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3218811	GTF2H4	30985636	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3218816	GTF2H4	30986836	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs886420	GTF2H4	30987615	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	1	0	0	1	2	0
rs2230121	GTF2H4	30988190	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3218822	GTF2H4	30988315	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3218827	GTF2H4	30989474	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs1264304	VARSL	30990394	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	1	0	0	1	2	0
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rs9262288	VARSL	30993618	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	1	2	2	2	1	2
rs9262290	VARSL	30993800	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	1	2	2	2	1	2
rs9262293	VARSL	30994329	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	1	2	2	2	1	2
rs13208420	VARSL	30995759	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs2517468	VARSL	30996148	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	1	2	2	2	1	2
rs7766094	VARSL	30996596	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2517467	VARSL	30997239	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	0	1	1	2	2	2	0	2
rs2074511	VARSL	30997368	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	1	2
rs885905	VARSL	30998410	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	1	2	2
rs2074506	VARSL	30998462	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	1	2	1	2	2	2	1	2
rs753725	VARSL	30998850	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	0	1	1	2	2	2	0	2
rs28581733	VARSL	30999599	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2532938	VARSL	31001810	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	1	2	2	2	1	2
rs4678	VARSL	31001920	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	2	2	1	0	0	1	2	0
rs2532934	VARSL	31002738	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	0	1	1	2	2	2	0	2
rs3873332	VARSL	31003969	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	1	2
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rs2844652	SFTPG	31006666	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	1	2	2	2	1	2
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rs10947114	SFTPG	31010160	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	1	2
rs2844649	SFTPG	31012251	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2
rs12697941	SFTPG	31012693	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	1	2
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rs2517451	DPCR1	31022730	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	1	2	2	2	2	2	2
rs3130782	DPCR1	31022822	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	2	2	1	1	0	0	2	0
rs7341252	DPCR1	31023550	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2247178	DPCR1	31024697	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs12193244	DPCR1	31027055	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3132580	DPCR1	31028103	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	1	0	0	1	2	0
rs2240804	DPCR1	31028869	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	1	2	1	2	2	2	1	2
rs3757340	DPCR1	31029861	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	1	1	2	2	2	2	1	2
rs9368648	DPCR1	31031908	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs12212418	DPCR1	31032003	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	1	2
rs11753326	DPCR1	31033964	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2
rs13194158	DPCR1	31034926	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2429557	DPCR1	31036296	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9295937	DPCR1	31037388	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2844697	DPCR1	31040288	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	0	0	0	2	2	1	1	2
rs3095150	DPCR1	31040511	2	2	2	2	2	2	2	1	2	9	2	2	2	2	2	1	0	2	2	2	1	2	2
rs2532924	DPCR1	31040661	2	1	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	1	2	2
rs3095089	DPCR1	31041773	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	1	0	1	0	0	1	0	0
rs2532919	DPCR1	31041954	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	1	2	2	2	2	2
rs2844695	DPCR1	31043993	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	1	2	2	2	2	2
rs2394437	DPCR1	31044513	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	9	9	9	9	0
rs2894052	C6orf205	31046107	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2
rs9368649	C6orf205	31046862	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2
rs2844690	C6orf205	31048011	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2
rs17196185	C6orf205	31048484	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2517446	C6orf205	31048924	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2
rs2844688	C6orf205	31050263	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2
rs9262315	C6orf205	31050366	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2
rs2517442	C6orf205	31050426	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2
rs3131931	C6orf205	31053244	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0
rs34853064	C6orf205	31053604	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2844682	C6orf205	31054127	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2
rs2844680	C6orf205	31054475	2	2	9	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9394023	C6orf205	31055021	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2
rs2517431	C6orf205	31055357	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3094084	C6orf205	31055488	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0
rs2517430	C6orf205	31056400	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2
rs2517426	C6orf205	31057409	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2
rs2517425	C6orf205	31057649	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0
rs2517422	C6orf205	31058568	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2
rs2530700	C6orf205	31059346	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2
rs6918439	C6orf205	31059757	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2517419	C6orf205	31060852	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2
rs2530699	C6orf205	31061219	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2
rs9262376	C6orf205	31062843	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2429292	C6orf205	31063190	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs1634731	C6orf205	31063660	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs886403	C6orf205	31065597	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	0	0	0	0
rs3873342	C6orf205	31065745	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs34503701	C6orf205	31068200	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2844673	C6orf205	31069905	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	1	2	2	2	2	2
rs9468857	C6orf205	31071122	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2517409	C6orf205	31072372	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	1	2	2	2	2	2
rs12193832	C6orf205	31072606	2	2	2	2	2	2	2	2	2	2	9	9	9	9	9	2	2	2	2	2	2	2	2
rs2252926	C6orf205	31074283	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2
rs2517408	C6orf205	31074432	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2
rs2429295	C6orf205	31077477	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2
rs2508016	C6orf205	31077506	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2
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rs436376	C6orf205	31080369	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2
rs1634717	C6orf205	31080568	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	1	2	2	2	2	2	2	2
rs5027941	C6orf205	31080574	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs1634718	C6orf205	31080844	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0
rs1634719	C6orf205	31081144	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0
rs2523921	C6orf205	31083069	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2
rs2523923	C6orf205	31083120	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2

rs2523924	C6orf205	31083203	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2
rs1632854	C6orf205	31083628	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2
rs28360974	C6orf205	31084198	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs1634721	C6orf205	31085659	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0
rs2530716	C6orf205	31086175	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2
rs12203410	C6orf205	31086725	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs6913305	C6orf205	31089286	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	1	2	2	2	2	2
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rs3130544	C6orf15	31166319	0	0	9	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0
rs2517452	C6orf15	31168141	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2517450	C6orf15	31169418	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2517448	C6orf15	31170646	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9263497	C6orf15	31170710	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2535289	C6orf15	31171212	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2256962	C6orf15	31173599	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9263509		31174398	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2517403	C6orf15	31174988	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2
rs4713433	C6orf15	31176005	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs6919169	C6orf15	31177878	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9263582	C6orf15	31178643	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2508011	C6orf15	31179037	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9263607	C6orf15	31180136	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs6457327	C6orf15	31182009	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2517485	C6orf15	31182080	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs1064191	C6orf15	31183354	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2844635	C6orf15	31183460	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9391709	C6orf15	31185384	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs1265062	C6orf15	31185984	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs1265055	C6orf15	31187215	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2233984	C6orf15	31187243	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

rs2233971	C6orf15	31188302	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs4495304	C6orf15	31188697	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2233967	C6orf15	31188807	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2233965	C6orf15	31188878	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2233956	C6orf15	31189184	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs1265048	C6orf15	31189388	2	2	9	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3130977	PSORS1C1	31189968	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2
rs17190526	PSORS1C1	31190060	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs3130981	CDSN	31191792	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs3094212	CDSN	31193749	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs3095319	CDSN	31196016	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3095317	CDSN	31196650	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3095314	CDSN	31197610	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs9295953	CDSN	31198562	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs3815087	PSORS1C1	31201566	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs3130564	PSORS1C2	31209653	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0
rs28732100	PSORS1C2	31212572	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs1265098	PSORS1C1	31214156	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs1265083	CCHCR1	31219326	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9263739	CCHCR1	31219335	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9263740	CCHCR1	31219379	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs130072	CCHCR1	31220463	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs1265074	CCHCR1	31221193	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs3132538	CCHCR1	31221821	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs746647	CCHCR1	31222161	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
rs9263749	CCHCR1	31222494	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2240064	CCHCR1	31222552	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs1265067	CCHCR1	31224121	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3131014	CCHCR1	31224606	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs1265115	CCHCR1	31225054	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs1265112	CCHCR1	31225998	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
rs130067	CCHCR1	31226490	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs130078	CCHCR1	31226544	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2517985	CCHCR1	31226921	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs1265110	CCHCR1	31227401	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2
rs1265109	CCHCR1	31227568	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2240059	CCHCR1	31228593	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs130077	CCHCR1	31230309	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs11961407	CCHCR1	31230386	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs130065	CCHCR1	31230479	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs9263781	CCHCR1	31231395	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3130453	CCHCR1	31232828	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs743401	CCHCR1	31233137	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2239524	CCHCR1	31233548	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs720465	CCHCR1	31233756	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0
rs3130455	CCHCR1	31233957	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs17197101	TCF19	31234388	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3094187	TCF19	31234923	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs17190762	TCF19	31234971	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs6905862	TCF19	31235581	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs7750641	TCF19	31237289	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs2073724	TCF19	31237686	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9263794	TCF19	31237998	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs1419881	TCF19	31238572	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs1841	TCF19	31238739	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs17190776	TCF19	31238844	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs17840023	POU5F1	31239677	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs1061126	POU5F1	31240301	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
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rs879882	POU5F1	31247431	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs1108746	POU5F1	31247483	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs1265159	POU5F1	31248026	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0
rs3132517	POU5F1	31249815	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3094188	POU5F1	31250224	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs887466	POU5F1	31251490	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9501066	POU5F1	31253250	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3868542	POU5F1	31253818	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs887464	POU5F1	31253899	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs4713438	POU5F1	31254825	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9263823	POU5F1	31255073	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3130457	POU5F1	31255173	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs6937752	POU5F1	31256585	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9263827	POU5F1	31257024	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs7760698	POU5F1	31258204	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs1128175	POU5F1	31258414	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9468882	POU5F1	31259018	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs9468883	POU5F1	31259021	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs9263844	HCG27	31263165	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9263846	HCG27	31263649	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs1265181	HCG27	31263764	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs9405015	HCG27	31263782	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9295957	HCG27	31265572	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs1265180	HCG27	31267324	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9461653	HCG27	31268532	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs28362332	HCG27	31270133	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs4713446	HCG27	31270818	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs4713447	HCG27	31270942	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs28362343	HCG27	31273506	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3094609	HCG27	31273545	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2
rs13215387	HCG27	31274106	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

rs9295961	HCG27	31275477	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs28397286	HCG27	31275552	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3868075	HCG27	31275794	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs4122190	HCG27	31275831	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs4122189	HCG27	31275906	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2
rs6903896	HCG27	31276008	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs10807081	HCG27	31277743	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9263870	HCG27	31278493	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9263871	HCG27	31278507	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9263873	HCG27	31278692	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3132510	HCG27	31280130	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs4446605	HCG27	31281075	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2894181	HCG27	31282506	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9263911	HCG27	31283646	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3887152	HCG27	31284314	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2
rs4351302	HCG27	31284900	2	2	9	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs11757688	HCG27	31290515	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs9501522	HCG27	31292404	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9263969	HCG27	31294513	2	2	2	2	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2
rs3130467	HCG27	31295054	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs10456394	HCG27	31296179	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs4373355	HCG27	31301134	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs6928399	HCG27	31303197	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs28660035	HCG27	31304253	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs28397289	HCG27	31305386	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3130473	HCG27	31307187	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0
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rs2394892	HLA-C	31313361	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs6901869	HLA-C	31318244	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3130407	HLA-C	31321432	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9468907	HLA-C	31323076	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs9357117	HLA-C	31325483	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3130424	HLA-C	31326218	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs4084090	HLA-C	31326814	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs9264179	HLA-C	31327848	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3134746	HLA-C	31328731	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs4416711	HLA-C	31329018	2	2	9	2	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2
rs17191559	HLA-C	31329464	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9264219	HLA-C	31329893	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9264315	HLA-C	31334748	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs1986997	HLA-C	31336389	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs9264368	HLA-C	31336439	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs17192099	HLA-C	31337835	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs17192218	HLA-C	31338414	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs2394950	HLA-C	31338680	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9357120	HLA-C	31338696	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs2245822	HLA-C	31338779	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs3130542	HLA-C	31340090	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs9264532	HLA-C	31342360	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs35075694	HLA-C	31344513	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs9264602	HLA-C	31345384	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs9264651	HLA-C	31346707	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
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rs7767581	HLA-C	31347834	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs2074488	HLA-C	31348410	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2395471	HLA-C	31348671	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs17198616	HLA-C	31355943	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs17192288	HLA-C	31356070	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs9380235	HLA-C	31356865	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs9468914	HLA-C	31358585	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2844603	HLA-C	31358833	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs6921855	HLA-C	31359291	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs2394963	HLA-C	31359441	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2524057	HLA-C	31359874	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9348862	HLA-C	31360726	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2853936	HLA-C	31361264	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs2853933	HLA-C	31362067	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9468920	HLA-C	31362915	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2853930	HLA-C	31363403	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2524050	HLA-C	31363520	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs3900938	HLA-C	31365601	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs28367594	HLA-C	31366120	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs3873379	HLA-C	31370148	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3873380	HLA-C	31370417	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

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rs2894207	HLA-C	31371730	2	2	1	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs9468932	HLA-C	31372802	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2524132	HLA-C	31372891	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2853924	HLA-C	31373125	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2246954	HLA-C	31373241	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2
rs2524123	HLA-C	31373293	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2247056	HLA-C	31373469	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs17192463	HLA-C	31373544	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2853923	HLA-C	31373716	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs13191519	HLA-C	31373731	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs16899202	HLA-C	31374278	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2524089	HLA-C	31374501	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2524072	HLA-C	31374835	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs28367646	HLA-C	31376311	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9366778	HLA-C	31377152	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3873385	HLA-C	31377287	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs12182794	HLA-C	31377863	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs13216197	HLA-C	31378997	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs6913294		31379103	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs9264868	HLA-C	31379580	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs6457374	HLA-C	31380240	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0
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rs9264904	HLA-C	31380532	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs396243	HLA-C	31383153	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs28520918	HLA-C	31383825	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
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rs2523580	HLA-B	31436224	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2523573	HLA-B	31436967	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	9	9	9	9	9	9	9	9
rs2250295	HLA-B	31438390	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9266327	HLA-B	31438598	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2596549	HLA-B	31439145	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2523554	HLA-B	31439808	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2596551	HLA-B	31440218	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2844581		31440682	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs2844580	HLA-B	31441282	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs2523545	HLA-B	31441478	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2523544	HLA-B	31441541	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs2596574	HLA-B	31442153	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2844575	HLA-B	31442924	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2844573	HLA-B	31443433	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs9266395	HLA-B	31443545	2	2	9	2	9	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2
rs9266399	HLA-B	31443785	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs7743761	HLA-B	31444079	2	2	2	2	9	9	9	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2523535	HLA-B	31444229	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs2394990	HLA-B	31448538	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs9266515	HLA-B	31449319	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs7382258	HLA-B	31453000	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

rs7775117	HLA-B	31453465	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2442736	HLA-B	31454600	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs9266629	HLA-B	31454801	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9501587	HLA-B	31454916	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs2244020	HLA-B	31455430	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs1521	MICA	31458683	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs2442749	MICA	31460019	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0
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rs6910087	MICA	31485026	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs12175489	MICA	31485566	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9266804	MICA	31485621	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2853981	MICA	31486747	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs1051794	MICA	31487088	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2
rs1131896	MICA	31487094	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2256028	MICA	31487177	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs2256175	MICA	31488428	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs28575156	HCP5	31517836	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs6928810	HCP5	31518503	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3899823	HCP5	31518576	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3869129	HCP5	31518628	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2596464	HCP5	31520940	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9765960	HCP5	31520979	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs12206131	HCP5	31521989	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2516464	HCP5	31524135	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2516463	HCP5	31524515	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs16899646	HCP5	31524899	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3128982	HCP5	31525170	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0
rs9501129	HCP5	31525375	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2596458	HCP5	31525626	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2516458	HCP5	31527366	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2516456	HCP5	31527997	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs12178606	HCP5	31528368	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs6919586	HCP5	31529091	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs6920723	HCP5	31529468	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3093971	HCP5	31532586	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2395028	HCP5	31532736	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2254386	HCP5	31533012	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2596480	HCP5	31533964	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2523684	HCP5	31534378	2	2	2	2	2	2	2	2	2	2	9	9	9	9	9	2	2	2	2	2	2	2	2
rs2254620	HCP5	31535210	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs11754929	HCP5	31536748	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2596472	HCP5	31536946	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3094228	HCP5	31537906	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs2255001	HCP5	31538122	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs6928071	HCP5	31538868	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2395029	HCP5	31539759	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2284178	HCP5	31540104	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2

rs11757667	HCP5	31541052	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs3094014	HCP5	31541537	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs3094604	HCP5	31542090	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs3131618	HCP5	31542600	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs2516518	HCP5	31543098	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs4713466	HCP5	31543848	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2523675	HCP5	31544011	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2518028	HCP5	31544026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs2523674	HCP5	31544768	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2395031	HCP5	31545284	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2516443	HCP5	31546302	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs9267137	HCP5	31546376	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs7758090	HCP5	31546773	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2844505	HCP5	31547042	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9267139	HCP5	31547477	2	9	9	1	9	9	2	9	9	2	2	2	2	9	2	2	2	2	9	2	2	2	2
rs9267140	HCP5	31547536	2	9	9	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs1055569	HCP5	31548061	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2596446	HCP5	31548174	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2516440	HCP5	31548476	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3828886	HCP5	31548531	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs12665745	HCP5	31549880	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs6940467	HCP5	31550116	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9267154	HCP5	31550296	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3131643	HCP5	31550761	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs12660382	HCP5	31551302	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs16899682	HCP5	31551678	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2523656	HCP5	31552027	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2596534	HCP5	31553324	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2395488	HCP5	31553888	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs2248372	HCP5	31554445	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs2248462	HCP5	31554775	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2516513	HCP5	31555567	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2516424	HCP5	31556294	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs2248617	HCP5	31556512	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs3828893	HCP5	31556632	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3749946	HCP5	31556841	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3099844	HCP5	31556955	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs2905722	HCP5	31557306	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2523647	MICB	31557757	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs2904774	MICB	31558132	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs2905747	MICB	31559455	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2523706	MICB	31559546	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs3094011	MICB	31559815	0	0	0	0	0	0	9	9	0	0	9	9	9	9	9	9	9	9	9	9	9	9	9
rs2904600	MICB	31561092	2	2	9	2	9	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9267212	MICB	31561597	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9267222	MICB	31562344	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs17193640	MICB	31562866	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3094009	MICB	31565157	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2905729	MICB	31565721	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs9267289	MICB	31566184	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs28470596	MICB	31566612	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs2516415	MICB	31567721	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2904783	MICB	31567951	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3130922	MICB	31569068	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2395043	MICB	31569945	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3130923	MICB	31570114	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs9267356	MICB	31571312	2	9	9	2	9	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2534678		31571942	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3095234	MICB	31572550	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3828903	MICB	31572718	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9267371	MICB	31573783	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3828914	MICB	31573798	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3134897	MICB	31574526	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs2855804	MICB	31575344	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs2534666		31576525	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	9	2	2	9	2
rs2855807	MICB	31577302	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2516496	MICB	31577470	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs9267404	MICB	31578524	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3095230	MICB	31578652	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs2534661	MICB	31580010	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2534657	MICB	31580438	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2855812	MICB	31580699	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs3134899	MICB	31581265	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2242955	MICB	31582259	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3093954	MICB	31582428	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs3130615	MICB	31583392	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3132468	MICB	31583465	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3131635	MICB	31584113	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3130614	MICB	31584437	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	0
rs2844498	MICB	31584833	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9267431	MICB	31586930	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2246618	MICB	31586965	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs6906011	MICB	31587767	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs2516403	MICB	31588853	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3131633	MICB	31588902	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2516400	MICB	31589084	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs2516399	MICB	31589278	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs2246986	MICB	31590182	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs9267444	MICB	31591437	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9267445	MICB	31591460	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs3094000	MICB	31592033	2	9	9	9	2	2	2	9	9	9	2	9	2	2	2	2	2	2	2	2	2	2	2
rs2395045	MICB	31592496	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3131631	MICB	31592662	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3093998	MICB	31593153	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3130637	MCCD1	31596124	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3132454	MCCD1	31597623	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3093993	MCCD1	31598704	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9469021	MCCD1	31598949	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3095227	MCCD1	31598979	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3093988	MCCD1	31600432	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs3093986	MCCD1	31601400	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2734574	MCCD1	31601867	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2516485	MCCD1	31603203	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2516482	MCCD1	31604548	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs2259435	MCCD1	31604894	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3093983	MCCD1	31604904	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3130055	MCCD1	31605378	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs11543322	BAT1	31606634	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2734585	BAT1	31607393	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3853601	BAT1	31607582	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9267481	BAT1	31608821	2	2	9	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3093948	BAT1	31609392	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs1055388	BAT1	31609716	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3093976	BAT1	31610840	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs17200712	BAT1	31611810	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs10456396	BAT1	31612525	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3130057	BAT1	31612566	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2734583	BAT1	31613459	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs3130058	BAT1	31613866	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs933208	BAT1	31614627	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2071596	BAT1	31614670	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs7738430	BAT1	31616815	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs12662306	ATP6V1G2	31619117	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs2251824	ATP6V1G2	31619836	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs12215563	ATP6V1G2	31620267	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs2239705	ATP6V1G2	31621381	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs2844482	LTA	31647746	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs1800683	LTA	31648050	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs2229092	LTA	31648736	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs1041981	LTA	31648763	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9282875	LTA	31650245	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs3093660	TNF	31651385	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs769178	LTB	31655493	2	9	9	9	2	2	2	9	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2
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rs2269475	AIF1	31691910	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2857597	AIF1	31692979	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2736177	AIF1	31694073	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2736176	BAT2	31695540	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2736175	BAT2	31696130	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2857687	BAT2	31697652	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2736173	BAT2	31697714	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9469030	BAT2	31698468	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs1062968	BAT2	31699545	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3130622	BAT2	31700503	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs2260000	BAT2	31701455	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs7769995	BAT2	31702414	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3130071	BAT2	31702607	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs1046077	BAT2	31703787	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2736170	BAT2	31704187	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2736164	BAT2	31705286	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2242660	BAT2	31705732	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2
rs17207225	BAT2	31705736	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2736160	BAT2	31706885	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs1046084	BAT2	31707730	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9501151	BAT2	31708539	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs34175432	BAT2	31709657	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3115663	BAT2	31709822	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs1046089	BAT2	31710946	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2261033	BAT2	31711570	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9267522	BAT2	31711749	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
rs3132453	BAT2	31712023	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs35502919	BAT2	31712334	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2077491	BAT3	31714355	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs743400	BAT3	31715090	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9267525	BAT3	31715921	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs34061730	BAT3	31716458	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3130628	BAT3	31717251	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs11548856	BAT3	31717930	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs1077394	BAT3	31718363	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

rs1077393	BAT3	31718508	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs1052486	BAT3	31718665	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2
rs12055599	BAT3	31720555	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs35843778	BAT3	31720766	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3130048	BAT3	31721718	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs2844463	BAT3	31723146	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs805303	BAT3	31724345	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs805302	BAT3	31725936	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs805301	BAT3	31726100	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs3130050	BAT3	31726740	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3117583	BAT3	31727555	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs813115	BAT3	31727999	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3117582	BAT3	31728499	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0
rs805298	BAT3	31729074	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9267528	APOM	31730120	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs805264	APOM	31731852	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs34490746	APOM	31732987	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2273612	APOM	31733313	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3132449	APOM	31733992	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs7756503	C6orf47	31734613	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3130617	C6orf47	31735502	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2
rs28732157	C6orf47	31736195	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs805262	C6orf47	31736712	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs707974	BAT4	31737478	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs928814	BAT4	31739886	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs33499542	BAT4	31740067	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3130618	BAT4	31740113	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
rs13930	BAT4	31740630	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs9267529	CSNK2B	31742549	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3132448	CSNK2B	31742737	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs3117578	CSNK2B	31744010	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9267531	CSNK2B	31744721	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs805268	CSNK2B	31746157	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs35609644	LY6G5B	31746827	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs34676219	LY6G5B	31747454	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs11961829	BAT5	31767444	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs805306	C6orf25	31800142	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs34741956	C6orf25	31800537	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs11540321	DDAH2	31803347	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs28366162	DDAH2	31803569	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs6912515	DDAH2	31804049	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs805305	DDAH2	31805366	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs805304	DDAH2	31806067	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3237	CLIC1	31806523	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs17201046	CLIC1	31807552	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs1049227	CLIC1	31809680	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs11549123	CLIC1	31809987	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9380267	CLIC1	31810494	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs7451018	CLIC1	31810567	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs400502	CLIC1	31810737	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs11549124	CLIC1	31812208	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs28381339	MSH5	31814453	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs28381340	MSH5	31814582	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs28381341	MSH5	31815206	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3131382	MSH5	31815709	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs17201088	MSH5	31816180	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs28381348	MSH5	31816889	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs28381354	MSH5	31818591	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs707915	MSH5	31818947	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2293861	MSH5	31819103	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3132445	MSH5	31820175	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs28381361	MSH5	31820894	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3749953	MSH5	31821103	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3828922	MSH5	31821433	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs28381364	MSH5	31823348	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs28381365	MSH5	31825576	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs17201109	MSH5	31826374	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs2299851	MSH5	31826581	2	2	2	2	2	2	2	2	2	9	9	9	9	9	9	2	9	2	2	2	2	2	2
rs3131379	MSH5	31829012	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0
rs28745899	MSH5	31832714	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs28745901	MSH5	31832818	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9469047	MSH5	31832849	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3117574	MSH5	31833209	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs17207503	MSH5	31834235	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs707939	MSH5	31834667	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2

rs28399978	MSH5	31835771	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs28405564	MSH5	31835912	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs28399980	MSH5	31836081	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs707938	MSH5	31837338	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs11554180	MSH5	31838335	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs6905572	MSH5	31839860	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs28399995	MSH5	31840646	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs11967206	MSH5	31840658	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3101017	C6orf27	31841445	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs34428310	C6orf27	31842096	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs28402719	C6orf27	31843435	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9469048	C6orf27	31845680	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs34174627	C6orf27	31850362	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs707928	C6orf27	31850569	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2
rs35577589	C6orf27	31851861	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9461725	VARS	31853065	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs707927	VARS	31853497	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs34120100	VARS	31854866	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs11540637	VARS	31855213	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs941715	VARS	31855709	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs17207545	VARS	31860501	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs17850964	VARS	31861014	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs35756329	VARS	31861402	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs12110369	VARS	31862075	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs5030797	VARS	31867398	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs35196751	VARS	31868633	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs480092	LSM2	31872878	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2
rs17207552	LSM2	31873035	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs11555256	LSM2	31873474	2	9	9	9	9	9	2	2	2	2	2	9	2	2	2	9	2	2	2	2	2	2	2
rs604895	LSM2	31874420	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs17201171	LSM2	31881954	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs34636308	HSPA1L	31885666	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2075800	HSPA1L	31885925	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2227956	HSPA1L	31886251	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs17853299	HSPA1L	31886486	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs35326839	HSPA1L	31886810	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs34360259	HSPA1L	31886848	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs12182397	HSPA1L	31887707	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs34053064	HSPA1L	31889727	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs35233959	HSPA1L	31889812	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs35207553	HSPA1L	31890296	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs34378923	HSPA1L	31890834	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs34397183	HSPA1A	31891322	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2242667	HSPA1A	31891506	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs506770	HSPA1A	31893207	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs508603	HSPA1A	31893417	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs508633	HSPA1A	31893432	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9469058	HSPA1A	31896029	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2763979	HSPA1B	31902571	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs17207559	HSPA1B	31902942	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs7771177	HSPA1B	31902966	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs5026931	HSPA1B	31903061	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs17207580	HSPA1B	31903349	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs33998554	HSPA1B	31905401	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs1061623	HSPA1B	31905881	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs34620275	HSPA1B	31906369	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2471980	C6orf48	31908847	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs4711279	C6orf48	31910444	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9368699	C6orf48	31910520	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2
rs17201248	C6orf48	31911109	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs14668	C6orf48	31913148	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs3115673	C6orf48	31918064	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2
rs17201269	C6orf48	31921184	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs17201276	C6orf48	31921214	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs17207650	C6orf48	31921859	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs17207657	C6orf48	31921877	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs35781539	C6orf48	31923382	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs12210887	C6orf48	31923702	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9501157	NEU1	31927102	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs13191375	NEU1	31927143	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs4947253	NEU1	31928138	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs12528008	NEU1	31928645	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs4947331	NEU1	31929020	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9267649	NEU1	31932807	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2
rs1054483	NEU1	31935024	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs13118	NEU1	31935265	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs16867622	NEU1	31935646	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs28940584	NEU1	31936319	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs11538808	NEU1	31937137	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs11538809	NEU1	31937875	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs35092817	SLC44A4	31938861	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs660594	SLC44A4	31945229	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs660550	SLC44A4	31945256	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2
rs577272	SLC44A4	31945942	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs644827	SLC44A4	31946420	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs494620	SLC44A4	31946692	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2242665	SLC44A4	31947288	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs614549	SLC44A4	31948604	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs17856465	SLC44A4	31950562	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs13192107	SLC44A4	31951502	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2736428	SLC44A4	31951903	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9267658	SLC44A4	31953964	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9267659	SLC44A4	31954213	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs36097221	EHMT2	31955392	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs11543302	EHMT2	31955826	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs13919	EHMT2	31955979	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs17201368	EHMT2	31956729	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs28386979	EHMT2	31957241	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs555007	EHMT2	31958311	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3173328	EHMT2	31958703	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs652888	EHMT2	31959213	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0
rs1130581	EHMT2	31960671	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs608118	EHMT2	31962343	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs7743807	EHMT2	31962522	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs9501159	EHMT2	31968097	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs535586	EHMT2	31968316	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0
rs9267661	EHMT2	31968555	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2844457	EHMT2	31969120	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs659445	EHMT2	31972283	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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rs9267663	ZBTB12	31975232	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs13209396	ZBTB12	31976301	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs2763982	ZBTB12	31980530	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs519417	ZBTB12	31986412	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

rs622871	ZBTB12	31986474	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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rs511294	C2	31996848	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs497309	C2	32000463	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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rs9332702	C2	32002797	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs541862	CFB	32024930	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs4151656	CFB	32025320	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs4151657	CFB	32025519	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs1270942	CFB	32026839	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs2072633	CFB	32027557	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs4151672	CFB	32027809	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs4151663	RDBP	32028576	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs4151664	RDBP	32028852	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs28385646	RDBP	32029465	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs630379	RDBP	32030233	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0
rs11546696	RDBP	32031031	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9267785	RDBP	32032848	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs34555781	RDBP	32033676	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs17201466	SKIV2L	32034579	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs35985869	SKIV2L	32035818	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs438999	SKIV2L	32036285	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3895065	SKIV2L	32036328	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs437179	SKIV2L	32036993	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0
rs592229	SKIV2L	32038420	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs429608	SKIV2L	32038441	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2
rs4713492	SKIV2L	32039557	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2734330	SKIV2L	32039652	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs406936	SKIV2L	32041140	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs492899	SKIV2L	32041497	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs454212	SKIV2L	32042351	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs13217120	SKIV2L	32043907	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs12662961	SKIV2L	32044653	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs9267786	DOM3Z	32045845	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs2746395	DOM3Z	32047244	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs389884	STK19	32048876	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs387608	STK19	32049536	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2
rs6941112	STK19	32054593	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2
rs386480	STK19	32054816	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs2746393	STK19	32055102	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs389883	STK19	32055439	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0
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rs17855808	C4B	32072225	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs35991036	TNXB	32118241	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs4711283	TNXB	32119296	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs34214527	TNXB	32122434	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs2242568	TNXB	32125518	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs2857019	TNXB	32126347	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
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rs34562262	TNXB	32128939	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs11969759	TNXB	32129108	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2746404	TNXB	32129266	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3869147	TNXB	32129744	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs7766862	TNXB	32140985	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs11961744	TNXB	32144082	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs17207916	TNXB	32144733	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs1150755	TNXB	32146528	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs2071295	TNXB	32146678	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs17201553	TNXB	32148971	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs204993	PBX2	32263559	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0
rs2555461	PBX2	32264714	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2555459	PBX2	32264941	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2856437	PBX2	32265342	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs176095	GPSM3	32266297	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs1062120	GPSM3	32266579	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs11555539	GPSM3	32267529	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs12663103	GPSM3	32269302	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs204991	GPSM3	32269344	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0
rs17208049	GPSM3	32269351	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs204990	GPSM3	32269408	0	0	9	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0
rs3180963	NOTCH4	32270657	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs2114437	NOTCH4	32274358	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs8192575	NOTCH4	32274362	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs11967083	NOTCH4	32274809	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs28516919	NOTCH4	32276573	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3134942	NOTCH4	32276749	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0
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rs17201735	NOTCH4	32280344	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3131296	NOTCH4	32280971	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
rs3130292	NOTCH4	32284186	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs206017	NOTCH4	32284189	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs436388	NOTCH4	32294242	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs422951	NOTCH4	32296361	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs377763	NOTCH4	32307122	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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rs3096700	LOC401252	32329760	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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rs6457527	LOC401252	32344954	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3096674	LOC401252	32346197	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs3132945	LOC401252	32346658	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs3096676	LOC401252	32347002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs3096677	LOC401252	32347028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs3115557	LOC401252	32347629	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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rs3130340	LOC401252	32352605	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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rs9268125	C6orf10	32360656	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs9268131	C6orf10	32362430	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs9268132	C6orf10	32362632	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9268135	C6orf10	32363208	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs4711291	C6orf10	32364238	0	0	9	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs926070	C6orf10	32365544	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2
rs742695	C6orf10	32366552	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs17422727	C6orf10	32367901	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs6935269	C6orf10	32368328	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs7775397	C6orf10	32369230	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs34498363	C6orf10	32369608	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs4947338	C6orf10	32369631	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs11970194	C6orf10	32372623	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs11963003	C6orf10	32372803	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs17422797	C6orf10	32373506	2	2	2	2	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2
rs518374	C6orf10	32373688	2	2	9	2	9	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs28366174	C6orf10	32374468	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs6906662	C6orf10	32374484	2	2	9	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2
rs565571	C6orf10	32374513	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs7750783	C6orf10	32376058	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs537757	C6orf10	32376479	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs6909427	C6orf10	32376679	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs28366175	C6orf10	32377556	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3864300	C6orf10	32379785	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs9268168	C6orf10	32380488	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs6457536	C6orf10	32381743	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0
rs35416863	C6orf10	32382734	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs28366176	C6orf10	32383543	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9268181	C6orf10	32383987	0	9	9	9	9	9	0	0	0	9	0	0	9	0	0	0	0	0	0	0	0	0	0
rs13437404	C6orf10	32385131	2	2	9	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9268192	C6orf10	32385189	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs9268200	C6orf10	32386648	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs9268202	C6orf10	32387318	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs9501173	C6orf10	32387880	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs6939410	C6orf10	32388160	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs1018433	C6orf10	32389488	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs9268211	C6orf10	32389762	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs547261	C6orf10	32390011	2	2	9	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2
rs6931409	C6orf10	32390194	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs6910071	C6orf10	32390832	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs6915455	C6orf10	32391472	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs9268219	C6orf10	32392086	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs9268220	C6orf10	32392318	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs498422	C6orf10	32394739	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs6920338	C6orf10	32396067	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs6935715	C6orf10	32396216	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs547077	C6orf10	32397296	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs570963	C6orf10	32397572	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9268235	C6orf10	32398186	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

rs4279480	C6orf10	32398905	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs485774	C6orf10	32398932	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs742697	C6orf10	32399520	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs525607	C6orf10	32400062	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs552339	C6orf10	32400693	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs533885	C6orf10	32401130	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2395143	C6orf10	32401556	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs476885	C6orf10	32402690	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9368713	C6orf10	32405315	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs10484560	C6orf10	32406115	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9405090	C6orf10	32406350	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2
rs1003878	C6orf10	32407800	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0
rs1076712	C6orf10	32408130	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9366793	C6orf10	32409267	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs16870056	C6orf10	32409608	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs7775149	C6orf10	32409868	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs10807100	C6orf10	32411046	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs12526151	C6orf10	32412063	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs3817982	C6orf10	32414240	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs28732193	C6orf10	32414900	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2022533	C6orf10	32415238	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs1033500	C6orf10	32415360	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs1033498	C6orf10	32415847	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9469099	C6orf10	32416886	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2022532	C6orf10	32417132	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9268256	C6orf10	32417842	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3117137	C6orf10	32417889	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs3132954	C6orf10	32419437	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs6904320	C6orf10	32420060	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs13198176	C6orf10	32421002	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3117134	C6orf10	32421528	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3117133	C6orf10	32421631	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs1265764	C6orf10	32421637	2	2	2	0	2	0	1	1	1	2	0	1	1	2	2	2	1	2	2	0	2	1	0
rs910049	C6orf10	32423705	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3117120	C6orf10	32424782	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2076537	C6orf10	32425613	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs761187	C6orf10	32426014	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2143463	C6orf10	32426707	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs1265763	C6orf10	32427342	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2395148	C6orf10	32429532	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs1265761	C6orf10	32429575	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs1265760	C6orf10	32429850	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs1265759	C6orf10	32430371	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs1265758	C6orf10	32431507	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3129907	C6orf10	32431723	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs6907322	C6orf10	32432923	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2894249	C6orf10	32433813	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2395150	C6orf10	32434023	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9268303	C6orf10	32434143	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3129911	C6orf10	32436381	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs7743075	C6orf10	32437773	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9268326	C6orf10	32438131	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9268330	C6orf10	32438284	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs9268365	C6orf10	32441417	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs7770048	C6orf10	32442732	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2073048	C6orf10	32443411	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3129934	C6orf10	32444165	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9268384	C6orf10	32444564	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3129939	C6orf10	32444744	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0
rs3129941	C6orf10	32445664	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3129943	C6orf10	32446673	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
rs2050190	C6orf10	32447054	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
rs2050189	C6orf10	32447625	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0
rs9391858	C6orf10	32449376	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9268404	C6orf10	32449697	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3129945	C6orf10	32450515	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs3117106	C6orf10	32451347	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs7758128	C6orf10	32453261	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2894252	C6orf10	32453421	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2894253	C6orf10	32453518	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2395153	C6orf10	32453573	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2894254	C6orf10	32453667	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs9405094	C6orf10	32454386	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs1980495	C6orf10	32454772	2	2	9	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs8180664	C6orf10	32455468	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2395157	C6orf10	32456123	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9268454	C6orf10	32457689	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9268456	C6orf10	32457924	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs28732201	C6orf10	32458432	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9268460	BTNL2	32459261	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9268461	BTNL2	32459879	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs7759813	BTNL2	32462051	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs4424066	BTNL2	32462406	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9268472	BTNL2	32463583	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs17423649	BTNL2	32465111	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs17202259	BTNL2	32465467	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs12529049	BTNL2	32465693	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3117099	BTNL2	32466248	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs3117098	BTNL2	32466491	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs16870123	BTNL2	32467438	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3817973	BTNL2	32469089	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2
rs12661254	BTNL2	32470151	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs1980493	BTNL2	32471193	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0
rs2076530	BTNL2	32471794	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs28366191	BTNL2	32472168	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3129955	BTNL2	32473818	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9469107	BTNL2	32474204	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs4248166	BTNL2	32474399	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3117116	BTNL2	32474995	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2294884	BTNL2	32475237	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3817963	BTNL2	32476065	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9391859	BTNL2	32476349	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs12211980	BTNL2	32477033	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3763305	BTNL2	32477466	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2076524	BTNL2	32478662	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs28362680	BTNL2	32478794	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2076522	BTNL2	32479157	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3793126	BTNL2	32479597	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3793127	BTNL2	32479893	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs28362683	BTNL2	32480941	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs10947262	BTNL2	32481290	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3806156	BTNL2	32481676	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9268491	BTNL2	32482109	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs6927077	BTNL2	32483887	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3763309	BTNL2	32483951	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3763312	BTNL2	32484326	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3763313	BTNL2	32484449	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs5007265	BTNL2	32486844	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3129962	BTNL2	32487361	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs17208888	BTNL2	32487484	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9405098	BTNL2	32487714	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3129963	BTNL2	32488186	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
rs6932542	BTNL2	32488240	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs743862	BTNL2	32489917	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2
rs17208951	BTNL2	32490944	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9268528	BTNL2	32491086	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9268530	BTNL2	32491201	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs2227138	BTNL2	32492478	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs9268542	BTNL2	32492699	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2

rs2187820	BTNL2	32493851	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs2395162	BTNL2	32495758	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs2395163	BTNL2	32495787	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3135366	BTNL2	32496687	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs3135363	BTNL2	32497626	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0
rs9366798	BTNL2	32498377	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs34330585	BTNL2	32498681	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3135353	HLA-DRA	32500855	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0
rs3135350	HLA-DRA	32500959	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3129971	HLA-DRA	32501213	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs6941934	HLA-DRA	32501629	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3135344	HLA-DRA	32503014	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3129843	HLA-DRA	32503704	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs3135342	HLA-DRA	32504593	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9268585	HLA-DRA	32505381	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9268589	HLA-DRA	32506180	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3135341	HLA-DRA	32506726	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs4988821	HLA-DRA	32507000	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs16870148	HLA-DRA	32507614	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9501626	HLA-DRA	32508322	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3129860	HLA-DRA	32509057	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3135338	HLA-DRA	32509195	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs7356880	HLA-DRA	32509305	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2027856	HLA-DRA	32510683	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9268615	HLA-DRA	32510867	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2395173	HLA-DRA	32512837	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2395174	HLA-DRA	32512856	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2395175	HLA-DRA	32513004	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3129871	HLA-DRA	32514320	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9268644	HLA-DRA	32516022	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3135393	HLA-DRA	32516820	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs3129882	HLA-DRA	32517508	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9268658	HLA-DRA	32518694	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2239804	HLA-DRA	32519501	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs11544315	HLA-DRA	32519551	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs7192	HLA-DRA	32519624	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2239803	HLA-DRA	32519811	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs4935356	HLA-DRA	32520366	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs1053043	HLA-DRA	32520770	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2395182	HLA-DRA	32521295	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3129890	HLA-DRA	32522251	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
rs13209234	HLA-DRA	32523953	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs34332184	HLA-DRA	32525108	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs28895078	HLA-DRA	32525869	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs6937545	HLA-DRA	32526009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs28895095	HLA-DRA	32526826	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs28895103	HLA-DRA	32527442	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs7754768	HLA-DRA	32528157	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs7764351	HLA-DRA	32529609	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs13212453	HLA-DRA	32530408	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs28895171	HLA-DRA	32530999	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9469117	HLA-DRA	32531860	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs28895187	HLA-DRA	32532358	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs7763262	HLA-DRA	32532860	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs13198610	HLA-DRA	32533650	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs28732222	HLA-DRA	32535076	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs28732227	HLA-DRA	32535339	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9268832	HLA-DRA	32535767	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs6903608	HLA-DRA	32536263	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs36056234	HLA-DRA	32536895	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9268862	HLA-DRA	32538145	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs4434496		32538486	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs9268880	HLA-DRA	32539336	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9268905	HLA-DRA	32540055	2	9	9	2	9	9	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9268911	HLA-DRA	32540384	0	9	9	0	9	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs2395185	HLA-DRA	32541145	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9268977	HLA-DRA	32542917	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs9268979	HLA-DRA	32543022	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9268980	HLA-DRA	32543101	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs9368726	HLA-DRA	32546520	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9405108	HLA-DRA	32546626	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2157338	HLA-DRA	32547301	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs35954087	HLA-DRA	32548027	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs12215313	HLA-DRA	32549254	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs17209747	HLA-DRA	32549370	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs34442410	HLA-DRA	32550064	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs17209754	HLA-DRA	32550681	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9378264	HLA-DRA	32551429	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs28732247	HLA-DRA	32555452	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs7748472	HLA-DRA	32556741	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs1964995	HLA-DRB5	32557389	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs1557551	HLA-DRB5	32560168	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs35233169	HLA-DRB5	32598637	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
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rs35056680	HLA-DRB5	32601256	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
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rs28631106	HLA-DRB5	32610165	2	2	9	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2
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rs28821528	HLA-DRB6	32636891	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
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rs12661707	HLA-DRB6	32639223	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
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rs9269329	HLA-DRB1	32648019	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs35096981	HLA-DRB1	32663706	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs2858870	HLA-DRB1	32680229	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs602875	HLA-DRB1	32681607	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs9270984	HLA-DRB1	32681969	2	2	9	2	9	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs615719	HLA-DRB1	32682182	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs9271055	HLA-DRB1	32683347	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs660895	HLA-DRB1	32685358	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9271170	HLA-DRB1	32685867	2	9	9	2	9	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs532098	HLA-DRB1	32686030	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs35759989	HLA-DRB1	32689074	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs13204672	HLA-DQA1	32690774	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs34012154	HLA-DQA1	32694968	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9271488	HLA-DQA1	32696978	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs17533090	HLA-DQA1	32698700	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3129763	HLA-DQA1	32698903	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs35399661	HLA-DQA1	32698968	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs9273109	HLA-DQA1	32720605	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs1063355	HLA-DQB1	32735692	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9273448	HLA-DQB1	32735725	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9274407	HLA-DQB1	32740810	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs28746828	HLA-DQB1	32741646	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
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rs2647025	HLA-DQB1	32743927	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9274689	HLA-DQB1	32744908	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9274741	HLA-DQB1	32745972	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9274759	HLA-DQB1	32746293	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9274791	HLA-DQB1	32747141	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs28891406	HLA-DQB1	32748314	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs28755204	HLA-DQB1	32751931	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs3134986	HLA-DQB1	32752531	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs1794508	HLA-DQB1	32752837	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs28755286	HLA-DQB1	32753744	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs28746896	HLA-DQB1	32756221	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs17212090	HLA-DQB1	32758787	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs17205788	HLA-DQB1	32759034	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs9275141	HLA-DQB1	32759095	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2856695	HLA-DQB1	32759872	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs7755224	HLA-DQB1	32760295	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs17212420	HLA-DQB1	32760378	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2856692	HLA-DQB1	32761363	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9275184	HLA-DQB1	32762692	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2856683	HLA-DQB1	32763196	2	2	9	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs4538747	HLA-DQB1	32765312	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs7774434	HLA-DQB1	32765556	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs7775228	HLA-DQB1	32766057	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9275219	HLA-DQB1	32767055	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs9275245	HLA-DQB1	32768921	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2858315	HLA-DQB1	32770702	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs5000634	HLA-DQB1	32771542	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3129720		32771609	2	2	9	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs6457617	HLA-DQB1	32771829	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2647012	HLA-DQB1	32772436	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs10484561	HLA-DQB1	32773398	2	2	9	2	9	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9275312	HLA-DQB1	32773706	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9275313	HLA-DQB1	32773737	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs2856725	HLA-DQB1	32774716	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9275328	HLA-DQB1	32774800	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs35998847	HLA-DQB1	32774975	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs2647044	HLA-DQB1	32775888	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs9275371	HLA-DQB1	32776274	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs2858331	HLA-DQA2	32789255	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9275595	HLA-DQA2	32789333	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs7454108	HLA-DQA2	32789461	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9275596	HLA-DQA2	32789609	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rs3104402	HLA-DQA2	32789654	2	2	2	2	9	9	2	2	2	9	2	9	2	2	2	2	2	2	1	2	2	2
rs3957148	HLA-DQA2	32790115	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3104404	HLA-DQA2	32790152	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2894381	HLA-DQA2	32790206	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs3873444	HLA-DQA2	32790702	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9275602	HLA-DQA2	32790790	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
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rs13214069	HLA-DQA2	32813226	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs13199787	HLA-DQA2	32813254	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs7773694	HLA-DQA2	32814312	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2
rs7773407	HLA-DQA2	32814376	1	0	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs7755596	HLA-DQA2	32814456	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2
rs9276370	HLA-DQA2	32815273	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs10947338	HLA-DQA2	32816576	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9276399	HLA-DQA2	32816868	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs4394270	HLA-DQA2	32817942	1	1	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2
rs17432921	HLA-DQA2	32819140	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs17500468	HLA-DQA2	32819156	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs16870693		32819669	2	2	9	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2
rs17500510	HLA-DQA2	32820796	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2239800	HLA-DQA2	32821245	1	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9276435	HLA-DQA2	32821845	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0
rs2071800	HLA-DQA2	32822121	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs35564723	HLA-DQA2	32822389	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs9276463	HLA-DQA2	32824159	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs4415152	HLA-DQA2	32825002	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9276472	HLA-DQA2	32825202	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9276487	HLA-DQA2	32826572	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs5016066	HLA-DQA2	32826796	1	1	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9276502	HLA-DQB2	32827644	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9276516	HLA-DQB2	32828280	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs17219827	HLA-DQB2	32829769	2	2	9	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2
rs10807113	HLA-DQB2	32830164	1	1	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2
rs7756516	HLA-DQB2	32831895	1	1	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs7774954	HLA-DQB2	32832167	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2301271	HLA-DQB2	32833171	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs6457649	HLA-DQB2	32834415	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs7753557	HLA-DQB2	32835658	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs1023449	HLA-DQB2	32835883	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs7453920	HLA-DQB2	32837990	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2051549	HLA-DQB2	32838064	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2071550	HLA-DQB2	32838918	1	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs1573649	HLA-DQB2	32839236	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs6903130	HLA-DQB2	32840188	1	1	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9348894	HLA-DQB2	32840655	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs35439528	HLA-DQB2	32841801	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs1894412	HLA-DQB2	32842807	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs11825003	HLA-DQB2	32844232	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs6901084	HLA-DQB2	32844914	1	1	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs6457661	HLA-DQB2	32845472	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9368741	HLA-DQB2	32845485	1	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs6457663	HLA-DQB2	32847290	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs1383265	HLA-DQB2	32847866	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2857211	HLA-DQB2	32848420	2	2	9	2	2	2	2	2	2	2	2	1	2	2	2	2	2	1	2	2	2	1
rs2857210	HLA-DQB2	32849720	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	1	2	2	2	1
rs28724890	HLA-DQB2	32849822	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs12663317	HLA-DQB2	32850805	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9276615	HLA-DQB2	32851195	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	1	2	2	2	1
rs13195441	HLA-DQB2	32851276	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2857204	HLA-DQB2	32852325	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9276644	HLA-DQB2	32853021	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0	0
rs2170183	HLA-DQB2	32853302	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	1	2	2	2
rs9501207	HLA-DQB2	32854460	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs2857195	HLA-DQB2	32855038	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	1	2	2	2	1
rs28986337	HLA-DQB2	32856376	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs34043227	HLA-DQB2	32856568	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs28986338	HLA-DQB2	32856788	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs28986359	HLA-DQB2	32859327	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs28986364	HLA-DQB2	32859669	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs719654	HLA-DQB2	32860117	1	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2
rs28986373	HLA-DQB2	32860128	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs719653	HLA-DQB2	32860544	2	2	2	2	2	2	2	2	9	2	2	1	2	2	2	2	2	1	2	2	2	1
rs13204139	HLA-DQB2	32860663	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2
rs28986396	HLA-DQB2	32862408	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs7762279	HLA-DQB2	32863268	1	1	9	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	1
rs9276711	HLA-DOB	32865275	1	0	9	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	1
rs2857167	HLA-DOB	32865374	2	9	9	2	9	9	2	2	2	2	2	1	2	2	2	2	2	1	2	2	2	1
rs2621388	HLA-DOB	32865916	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	1	2	2	2	1
rs7758736	HLA-DOB	32866372	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	1
rs3948793	HLA-DOB	32867426	1	0	0	0	0	0	0	0	9	0	0	1	0	0	0	0	0	1	0	0	0	1

rs28662779	HLA-DOB	32869132	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2157079	HLA-DOB	32870081	2	1	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	1	2	2	2	1
rs2067098	HLA-DOB	32870285	2	1	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	1	2	2	2	1
rs9276722	HLA-DOB	32870369	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2621377	HLA-DOB	32871088	2	1	2	2	2	2	2	2	2	9	2	2	1	2	2	2	2	2	1	2	2	2	1
rs2857151	HLA-DOB	32871492	2	1	2	2	2	2	2	2	2	9	2	2	1	2	2	2	2	2	1	2	2	2	1
rs9276725	HLA-DOB	32871796	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs9276726	HLA-DOB	32871866	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	1
rs2621373	HLA-DOB	32873108	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs7767167	HLA-DOB	32873160	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	1	2	2	2	2
rs6912002	HLA-DOB	32873246	1	1	0	0	0	0	0	0	0	9	0	0	1	0	0	0	0	0	1	0	0	0	1
rs1383261	HLA-DOB	32873429	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	1
rs6932969	HLA-DOB	32873649	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	1
rs7383606	HLA-DOB	32874571	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	1
rs9276734	HLA-DOB	32874832	1	1	9	0	0	9	0	0	0	9	0	0	1	0	0	0	0	0	1	0	0	0	1
rs2621371	HLA-DOB	32875069	2	1	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	1	2	2	2	1
rs2621366	HLA-DOB	32876958	1	2	9	2	9	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2219893	HLA-DOB	32877641	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2199874	HLA-DOB	32877904	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2621358	HLA-DOB	32878786	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2857143	HLA-DOB	32880614	2	1	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	1	2	2	2	1
rs2199870	HLA-DOB	32881150	2	1	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	1	2	2	2	1
rs28744287	HLA-DOB	32881423	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs7748681	HLA-DOB	32881836	9	9	9	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	9	0	1
rs2857140	HLA-DOB	32882770	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs7382619	HLA-DOB	32883787	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	1
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rs9276796	HLA-DOB	32886400	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs7383433	HLA-DOB	32886509	2	1	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	1	2	2	2	1
rs2097292	HLA-DOB	32887781	9	2	9	9	9	9	9	9	9	9	9	9	2	9	9	9	9	9	2	9	9	9	2
rs2621332	HLA-DOB	32888295	2	1	2	2	2	2	2	1	2	9	2	2	1	2	2	2	2	2	1	2	2	2	1
rs2621331	HLA-DOB	32888448	2	1	2	2	2	2	2	1	2	2	2	2	1	2	2	2	2	2	1	2	2	2	1
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rs2070121	HLA-DOB	32889532	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2856997	HLA-DOB	32889754	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2071474	HLA-DOB	32890560	1	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs13209654	TAP2	32900637	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs16870923	TAP2	32900671	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs13501	TAP2	32901501	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
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rs241401	HLA-DMB	32978844	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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rs12197527	HLA-DMB	32979706	2	2	9	9	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2
rs12198992	HLA-DMB	32979931	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs12191185	HLA-DMB	32981518	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9469310	HLA-DMB	32982774	2	2	9	2	2	2	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2
rs1585894	HLA-DMB	32983301	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2
rs241398	HLA-DMB	32983428	1	2	2	1	2	2	2	2	2	2	1	1	1	2	2	2	2	2	1	2	1	2	0
rs9501234	HLA-DMB	32984027	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2
rs9500926	HLA-DMB	32984492	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2
rs1978030	HLA-DMB	32985051	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2
rs154988	HLA-DMB	32985244	1	2	2	1	2	2	2	2	2	2	2	2	1	2	2	2	2	2	1	2	1	2	1
rs386542	HLA-DMB	32985746	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2
rs7769282	HLA-DMB	32986253	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs154986	HLA-DMB	32987211	2	2	2	2	2	2	2	2	2	9	1	1	2	2	2	2	2	2	2	2	2	2	2
rs9469311	HLA-DMB	32988273	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs154981	HLA-DMB	32988971	1	2	2	1	2	2	2	2	2	1	2	2	1	2	2	2	2	2	1	2	1	2	1
rs17214030	HLA-DMB	32989192	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9276921	HLA-DMB	32989480	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9276922	HLA-DMB	32989505	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	1	2	2
rs11757049	HLA-DMB	32991428	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs35599935	HLA-DMB	32994465	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs149392	HLA-DMB	32997949	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2
rs154979	HLA-DMB	32998917	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs194679	HLA-DMB	32999316	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2
rs151725	HLA-DMB	33000144	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs151724	HLA-DMB	33000666	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9296059	HLA-DMB	33001080	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2
rs9469312	HLA-DMB	33001267	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2
rs9469316	HLA-DMB	33002493	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9296060	HLA-DMB	33002882	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9501239	HLA-DMB	33003558	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2
rs1116029	HLA-DMB	33003962	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2
rs9296065	HLA-DMB	33004786	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs12523740	HLA-DMB	33005683	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1
rs154978	HLA-DMB	33007274	1	2	2	1	1	2	2	2	2	2	2	2	1	2	2	2	2	2	1	2	1	2	1
rs3132131	HLA-DMB	33007463	2	2	2	1	1	2	2	2	2	2	2	2	1	2	2	2	2	2	1	2	1	2	1
rs154973	HLA-DMB	33008620	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs154972	HLA-DMB	33008629	2	1	2	2	1	2	2	2	2	1	2	2	1	2	2	2	2	2	2	2	1	1	1
rs181997	HLA-DMB	33008696	2	2	2	2	1	2	2	2	2	9	2	2	1	2	2	2	2	2	2	2	1	1	1
rs3129299	HLA-DMB	33008765	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3132132	HLA-DMB	33009912	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	1
rs12662077	HLA-DMB	33009979	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs23544	HLA-DMB	33011615	2	2	2	2	1	1	2	2	2	2	0	0	2	2	2	2	2	2	2	2	2	2	0
rs68600	HLA-DMB	33011702	2	2	2	2	1	1	2	2	2	2	0	0	2	2	2	2	2	2	2	2	2	2	0
rs151719	HLA-DMB	33011878	2	2	2	1	2	2	2	2	2	9	2	1	1	2	2	2	2	2	1	2	1	2	2
rs2071556	HLA-DMB	33012579	1	1	2	1	2	2	2	2	2	9	2	2	2	2	2	2	2	2	1	2	2	2	2
rs171329	HLA-DMB	33012639	2	2	2	2	1	1	2	2	2	2	0	0	1	2	2	2	2	2	2	2	1	2	0
rs1042337	HLA-DMB	33012959	2	1	2	1	2	2	2	2	2	9	2	2	2	2	2	2	2	2	1	2	2	2	2
rs714289	HLA-DMB	33013789	2	2	2	2	2	2	2	2	2	9	2	2	1	2	2	2	2	2	2	2	1	2	2
rs6934645	HLA-DMB	33014206	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs17879203	HLA-DMB	33014642	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs28365996	HLA-DMB	33016646	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs28365995	HLA-DMB	33017076	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2
rs35029304	HLA-DMB	33017511	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs16871169	HLA-DMB	33018855	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3101944	HLA-DMB	33019105	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2395296	HLA-DMB	33019792	1	1	2	1	2	1	2	2	2	9	2	2	2	2	2	2	2	2	1	2	2	2	2
rs10484567	HLA-DMB	33020530	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs11963801	HLA-DMA	33021134	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs1480380	HLA-DMA	33021224	1	1	0	1	1	1	0	0	0	0	2	2	1	0	0	0	0	0	1	0	1	1	2
rs194681	HLA-DMA	33022538	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs194682	HLA-DMA	33022591	2	2	2	2	2	2	2	2	2	9	0	1	2	2	2	2	2	2	2	2	2	1	0
rs17583915	HLA-DMA	33023830	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2
rs11539214	HLA-DMA	33024481	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs17879829	HLA-DMA	33025389	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2
rs17617515	HLA-DMA	33026102	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2
rs11539215	HLA-DMA	33026293	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3135029	HLA-DMA	33029752	2	2	2	1	2	2	2	2	2	1	2	2	2	2	2	2	2	2	1	2	2	2	2
rs9378127	HLA-DMA	33030437	1	2	2	2	2	1	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs209473	HLA-DMA	33030886	1	1	2	1	1	1	2	2	2	1	2	2	2	2	2	2	2	2	1	2	2	2	2
rs28724903	HLA-DMA	33032039	1	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs209474	HLA-DMA	33032562	2	2	2	2	2	2	2	2	2	2	0	1	1	2	2	2	2	2	2	2	1	2	0
rs209475	HLA-DMA	33033563	2	2	2	2	2	2	2	2	2	2	0	1	2	2	2	2	2	2	2	2	2	2	0
rs35546426	HLA-DMA	33033568	1	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs580962	HLA-DMA	33033670	1	1	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2
rs6906517	HLA-DMA	33034558	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs11757717	HLA-DMA	33036616	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9276933	BRD2	33038773	1	1	0	1	1	1	0	0	0	0	2	2	1	0	0	0	0	0	1	0	1	0	2
rs129653	BRD2	33039514	2	2	2	2	2	2	2	2	2	2	0	1	2	2	2	2	2	2	2	2	2	1	0
rs206783	BRD2	33040128	2	2	2	2	2	2	2	2	2	2	0	1	1	2	2	2	2	2	2	2	1	2	0

rs17584088	BRD2	33043487	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2
rs3918150	BRD2	33044413	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2
rs3135331	BRD2	33044702	2	2	9	9	2	2	2	2	9	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3129296	BRD2	33046269	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2
rs16871262	BRD2	33047226	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2
rs11555087	BRD2	33048053	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs17220479	BRD2	33048793	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs17214071	BRD2	33048933	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3130597	BRD2	33049169	2	2	2	1	2	2	2	2	1	2	2	2	2	2	2	2	2	2	1	2	2	2	2
rs12196597	BRD2	33049192	1	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs620202	BRD2	33049888	2	2	2	2	2	2	2	2	2	1	0	1	2	2	2	2	2	2	2	2	2	2	0
rs6924369	BRD2	33051131	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3918154	BRD2	33051730	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs11908	BRD2	33052724	2	2	2	2	2	2	2	2	2	2	0	1	1	2	2	2	2	2	2	2	1	1	0
rs3129307	BRD2	33052965	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2
rs17220493	BRD2	33053075	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3097644	BRD2	33053508	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2
rs34530779	BRD2	33054007	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs7762195	BRD2	33055409	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs1803863	BRD2	33056978	2	2	9	9	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2
rs184054	BRD2	33057940	2	9	1	1	1	2	2	9	9	9	9	1	1	2	9	2	2	2	2	2	1	1	0
rs565876	BRD2	33058028	2	2	2	2	2	2	2	2	2	2	0	1	1	2	2	2	2	2	2	2	1	1	0
rs16871297	BRD2	33058195	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs17617793	BRD2	33059139	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2
rs17220500	BRD2	33059571	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2
rs3135034	BRD2	33059640	2	1	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs206777	BRD2	33060524	1	1	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2
rs9276942	BRD2	33060722	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3097645	BRD2	33061258	2	2	9	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2
rs206775	BRD2	33062612	2	2	2	2	2	2	2	2	2	2	0	1	1	2	2	2	2	2	2	2	1	1	0
rs3097646	BRD2	33062667	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs188245	BRD2	33063954	1	1	2	1	1	1	2	2	2	9	2	1	2	2	2	2	2	2	1	2	2	2	2
rs9276943	BRD2	33064432	2	2	9	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs579615	BRD2	33065397	1	0	9	1	0	0	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2
rs9276952	BRD2	33066663	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs189984	BRD2	33068455	2	2	2	2	2	2	2	2	2	2	0	1	1	2	2	2	2	2	2	2	1	1	0
rs206769	HLA-DOA	33069082	1	2	2	2	1	1	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2
rs9500927	HLA-DOA	33069339	1	1	9	1	1	1	0	0	0	0	2	2	1	0	0	0	0	0	1	0	1	1	2
rs206768	HLA-DOA	33069365	2	2	2	2	2	2	2	2	2	2	0	1	1	2	2	2	2	2	2	2	1	1	0
rs172275	HLA-DOA	33069599	1	1	2	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2
rs206767	HLA-DOA	33070398	1	1	2	1	1	1	2	2	2	2	2	1	2	2	2	2	2	2	1	2	2	2	2
rs206765	HLA-DOA	33072674	2	2	2	2	2	2	2	2	2	2	0	1	1	2	2	2	2	2	2	2	1	2	1
rs176248	HLA-DOA	33073920	2	0	9	0	1	1	0	1	1	9	2	2	2	0	2	1	1	0	1	1	1	0	0
rs2395300	HLA-DOA	33076254	1	2	2	0	2	1	0	1	1	2	2	2	2	1	2	0	1	1	1	1	0	1	2
rs2395301	HLA-DOA	33076671	1	2	2	0	2	1	0	1	1	2	2	2	2	1	2	0	1	1	1	1	0	1	2
rs172274	HLA-DOA	33077435	1	2	2	0	2	1	0	1	1	1	2	2	2	1	2	0	1	1	1	1	0	1	2
rs185923	HLA-DOA	33077511	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs12193085	HLA-DOA	33077674	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	1	2	2
rs206762	HLA-DOA	33078428	1	2	1	2	1	1	2	1	2	9	0	0	1	2	0	2	1	2	1	1	2	2	2
rs17214134	HLA-DOA	33079660	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3128931	HLA-DOA	33079686	2	0	1	2	1	2	2	2	1	9	2	2	1	1	2	2	2	1	2	2	2	1	0
rs6922512	HLA-DOA	33079733	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs1044429	HLA-DOA	33080620	2	2	2	1	2	2	2	2	2	9	2	2	2	2	2	1	2	2	2	2	1	2	2
rs376892	HLA-DOA	33080865	1	0	1	2	1	2	2	2	1	1	2	2	1	1	2	2	2	1	2	2	2	2	0
rs35776718	HLA-DOA	33080881	2	0	1	2	1	2	2	2	1	1	2	2	1	1	2	2	2	1	2	2	2	2	1
rs416622	HLA-DOA	33081259	0	0	0	2	0	2	2	1	1	1	0	1	0	1	1	2	2	1	1	2	2	2	1
rs3129304	HLA-DOA	33081721	1	2	2	2	1	2	2	1	2	2	1	2	1	2	1	2	2	2	1	2	2	2	2
rs2581	HLA-DOA	33082379	2	0	1	2	1	1	2	2	1	9	2	1	1	1	1	2	1	1	2	1	2	1	0
rs6913008	HLA-DOA	33082821	2	0	1	2	1	2	2	2	1	1	2	2	1	1	2	2	2	1	2	2	2	2	1
rs365066	HLA-DOA	33083235	2	0	1	2	1	1	2	2	1	0	2	1	1	1	1	2	1	1	2	1	2	1	0
rs453779	HLA-DOA	33083359	0	2	2	0	1	1	0	0	1	2	1	2	1	1	1	0	1	1	0	1	0	1	2
rs2267647	HLA-DOA	33083489	1	2	9	9	1	1	0	0	1	9	1	2	1	1	1	0	1	1	0	1	0	1	2
rs11575906	HLA-DOA	33083786	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2284191	HLA-DOA	33084632	2	2	1	2	2	2	2	2	2	9	1	1	2	2	2	2	2	2	2	2	2	2	2
rs86567	HLA-DOA	33084737	1	2	2	2	1	1	2	1	2	1	1	1	1	2	0	2	1	2	1	1	2	1	1
rs403414	HLA-DOA	33085293	1	2	1	2	2	2	2	2	2	9	1	1	2	2	2	2	2	2	2	2	2	2	2
rs381218	HLA-DOA	33085398	2	2	2	2	2	1	2	2	2	1	2	1	2	2	1	2	1	2	2	1	2	1	1
rs396090	HLA-DOA	33085513	1	2	1	0	1	1	0	0	1	2	0	1	1	1	1	0	1	1	0	1	0	1	2
rs28615333	HLA-DOA	33086048	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs6911639	HLA-DOA	33086156	2	0	9	2	1	2	2	2	1	9	2	2	1	1	1	2	2	1	2	2	2	2	1
rs429916	HLA-DOA	33086565	2	2	2	1	2	1	0	1	1	9	2	2	2	1	2	1	1	1	1	1	1	0	2
rs368910	HLA-DOA	33086605	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3763342	HLA-DOA	33086975	2	2	2	1	2	2	2	2	2	2	2	2	2	9	2	1	2	2	2	2	1	2	2
rs3763341	HLA-DOA	33086998	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	1	2	2
rs34354079	HLA-DOA	33089533	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1
rs6457699	HLA-DOA	33089625	0	2	2	2	1	1	2	1	2	1	1	1	1	2	1	2	1	2	1	1	2	1	1
rs9276991	HLA-DOA	33089826	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9276992	HLA-DOA	33089915	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs34570277	HLA-DOA	33089995	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1
rs423209	HLA-DOA	33091452	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs6935846	HLA-DOA	33091989	0	2	2	2	1	1	2	1	2	1	1	1	1	2	1	2	1	2	1	1	2	2	1
rs9276994	HLA-DOA	33092233	2	0	1	0	1	1	0	1	0	1	2	2	1	0	1	0	1	0	1	1	0	0	1
rs6936620	HLA-DOA	33092429	1	2	2	2	1	1	2	1	2	1	1	1	1	2	1	2	1	2	1	1	2	2	2
rs3130604	HLA-DOA	33093030	1	2	2	2	1	2	2	1	2	9	1	2	1	2	1	2	2	2	1	2	2	2	2
rs1367731	HLA-DOA	33093177	2	0	1	2	1	2	2	2	1	1	2	2	1	1	1	2	2	1	2	2	2	2	1
rs6457701	HLA-DOA	33094551	2	0	1	0	1	1	0	1	0	1	2	2	1	0	1	0	1	0	1	1	0	0	1
rs6933994	HLA-DOA	33095098	0	9	9	2	0	0	2	9	2	9	1	1	1	2	1	2	1	2	1	1	2	2	1
rs423639	HLA-DOA	33095752	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2
rs6457702	HLA-DOA	33096027	1	2	2	2	1	1	2	1	2	1	1	1	1	2	1	2	1	2	1	1	2	2	2
rs17220695	HLA-DOA	33096067	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs17214311	HLA-DOA	33096153	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9296068	HLA-DOA	33096673	2	2	1	0	2	1	0	1	1	1	1	1	2	0	1	0	1	1	1	1	0	0	1
rs9277003	HLA-DOA	33097949	2	0	0	1	1	2	2	2	1	1	1	1	1	1	1	1	2	1	2	2	1	2	1
rs6930052	HLA-DOA	33098459	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3097648	HLA-DOA	33098948	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1
rs13217173	HLA-DOA	33099716	1	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1
rs7738250	HLA-DOA	33100402	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1
rs397576	HLA-DOA	33101164	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9277015	HLA-DOA	33101244	2	0	0	1	1	2	2	2	1	9	1	1	1	1	1	1	2	1	2	2	1	2	1
rs9501243	HLA-DOA	33102922	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs6933546	HLA-DOA	33103992	2	0	0	1	1	2	2	2	1	9	1	1	1	1	1	1	2	1	2	2	1	2	1
rs443623	HLA-DOA	33104328	2	2	2	2	2	1	2	2	2	1	2	1	2	2	2	2	1	2	2	1	2	2	2
rs1367732	HLA-DOA	33104549	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs6920606	HLA-DOA	33105652	1	0	0	1	1	2	2	2	1	1	1	1	1	1	1	1	2	1	2	2	1	1	0
rs9277027	HLA-DOA	33106216	2	1	1	2	1	2	2	2	1	2	1	1	1	2	2	1	2	1	2	2	1	2	2
rs1431396	HLA-DOA	33106542	2	1	9	9	2	0	0	1	1	1	2	1	2	1	2	1	0	1	1	0	1	1	2
rs3135195	HLA-DOA	33107308	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs429073	HLA-DOA	33109713	2	2	9	0	9	9	0	1	1	1	2	2	2	0	1	1	1	1	1	1	1	1	1
rs34493748	HLA-DOA	33109749	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2858458	HLA-DOA	33111043	1	2	2	0	2	1	0	1	1	1	2	2	2	0	1	1	1	1	1	1	1	0	0
rs423196	HLA-DOA	33111540	2	2	2	0	2	1	0	1	1	9	2	2	2	0	1	1	1	1	1	1	1	1	1
rs448733	HLA-DOA	33111665	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3097656	HLA-DOA	33111723	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs763469	HLA-DOA	33112365	1	2	2	2	1	2	2	1	2	9	1	2	1	2	1	2	2	2	1	2	2	2	2
rs414564	HLA-DOA	33112895	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs444821	HLA-DOA	33112913	1	2	2	0	2	1	0	1	1	1	2	2	2	0	1	1	1	1	1	1	1	0	0
rs9277052	HLA-DPA1	33113910	1	2	2	0	2	1	0	1	1	1	2	2	2	0	1	1	1	1	1	1	1	0	0
rs9277053	HLA-DPA1	33114200	2	1	1	2	1	2	2	2	1	2	1	1	1	2	2	1	2	1	2	2	1	2	2
rs410763	HLA-DPA1	33115089	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs7774158	HLA-DPA1	33115730	1	1	1	2	1	2	2	2	1	9	1	1	1	2	2	1	2	1	2	2	1	1	1
rs441576	HLA-DPA1	33116524	1	1	9	2	9	2	2	2	1	9	1	1	1	2	2	1	2	1	2	2	1	1	1
rs9277059	HLA-DPA1	33116851	2	1	1	2	1	2	2	2	1	2	1	1	1	2	2	1	2	1	2	2	1	2	2
rs9461826	HLA-DPA1	33117835	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs28893563	HLA-DPA1	33119165	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs652038	HLA-DPA1	33120748	1	1	1	2	1	2	2	2	1	2	1	1	1	2	2	1	2	1	2	2	1	1	1
rs3130174	HLA-DPA1	33122028	1	1	1	2	1	1	2	1	2	1	1	1	1	2	1	2	1	2	1	1	2	2	2
rs398762	HLA-DPA1	33122291	1	1	1	2	1	2	2	2	1	2	1	1	1	2	2	1	2	1	2	2	1	1	1
rs383887	HLA-DPA1	33123397	2	1	9	2	1	2	2	2	1	2	1	1	1	2	2	1	2	1	2	2	1	2	2
rs3097659	HLA-DPA1	33124011	1	2	2	2	1	2	2	1	2	2	1	2	1	2	1	2	2	2	1	2	2	2	2
rs2567274	HLA-DPA1	33124685	2	1	1	2	1	2	2	2	1	2	1	1	1	2	2	1	2	1	2	2	1	2	2
rs375912	HLA-DPA1	33124706	2	1	2	2	1	2	2	2	1	9	1	1	1	2	2	1	2	1	2	2	1	2	2
rs2105929	HLA-DPA1	33124865	2	1	1	2	1	2	2	2	1	2	1	1	1	2	2	1	2	1	2	2	1	2	2
rs450745	HLA-DPA1	33126704	2	1	1	2	9	2	2	2	1	2	1	1	1	2	2	1	2	1	2	2	1	2	2
rs17220822	HLA-DPA1	33127152	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3130581	HLA-DPA1	33128146	1	2	9	2	1	2	2	1	2	2	1	2	1	2	1	2	2	2	1	2	2	2	2

rs11965964	HLA-DPA1	33128582	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3128953	HLA-DPA1	33128820	1	2	2	2	9	2	2	1	2	2	1	2	1	2	1	2	2	2	1	2	2	2
rs9277170	HLA-DPA1	33130781	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs367645	HLA-DPA1	33132477	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs376877	HLA-DPA1	33132584	2	2	2	0	2	1	0	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1
rs3135402	HLA-DPA1	33132632	2	2	1	1	2	2	2	2	2	2	1	1	2	1	2	2	2	2	2	2	2	1
rs2116263	HLA-DPA1	33133471	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs5025824	HLA-DPA1	33133800	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs2395309	HLA-DPA1	33134224	2	2	2	2	2	1	0	1	1	2	2	2	2	2	2	1	1	1	1	1	1	2
rs9277324	HLA-DPA1	33136092	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9277332	HLA-DPA1	33136616	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs9277334	HLA-DPA1	33138090	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9277336	HLA-DPA1	33138863	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs17214519	HLA-DPA1	33140166	2	2	9	2	2	2	0	1	9	2	2	2	2	2	2	1	1	1	1	1	1	2
rs3077	HLA-DPA1	33141000	2	2	2	2	2	1	0	1	1	9	2	2	2	2	2	1	1	1	1	1	1	2
rs2301226	HLA-DPA1	33142574	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs1367728	HLA-DPA1	33142793	2	2	1	2	2	2	2	2	2	2	1	1	2	1	2	2	2	2	2	2	2	2
rs9469336	HLA-DPA1	33143208	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs9469341	HLA-DPA1	33143855	2	2	9	2	2	2	0	1	9	2	2	2	2	2	2	1	1	1	1	1	1	2
rs2301220	HLA-DPA1	33146744	2	2	2	2	2	1	0	1	1	2	2	2	2	2	2	1	1	1	1	1	1	2
rs9277341	HLA-DPA1	33147603	2	2	2	1	1	1	0	1	1	2	2	2	2	2	2	1	1	1	1	1	1	1
rs9277342	HLA-DPA1	33147782	1	1	2	2	2	2	2	2	1	2	2	2	2	2	2	1	2	1	2	2	2	2
rs1431399	HLA-DPA1	33149012	2	2	2	2	2	1	0	1	1	2	2	2	2	2	2	1	1	1	1	1	1	2
rs4247257	HLA-DPA1	33149204	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs987870	HLA-DPB1	33150858	2	2	2	2	2	1	0	1	1	2	2	2	2	2	2	1	1	1	1	1	1	2
rs2071349	HLA-DPB1	33151498	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1
rs2071354	HLA-DPB1	33152366	2	2	2	2	2	1	0	1	1	2	2	2	2	2	2	1	1	1	1	1	1	2
rs3135021	HLA-DPB1	33153536	2	2	1	1	1	2	2	2	2	9	1	1	2	1	2	2	2	2	2	2	2	1
rs1431403	HLA-DPB1	33155009	2	2	2	2	2	1	0	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1
rs17221171	HLA-DPB1	33156789	9	9	1	9	1	9	2	9	9	9	2	2	9	2	2	2	2	2	2	2	2	2
rs9277357	HLA-DPB1	33157957	2	2	2	2	2	1	0	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1
rs9277396	HLA-DPB1	33159117	2	2	2	2	2	1	0	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1
rs9277464	HLA-DPB1	33161330	2	2	2	2	2	2	2	2	2	1	2	2	2	1	1	2	2	2	2	2	2	1
rs9277535	HLA-DPB1	33162839	2	2	2	2	2	2	2	2	2	1	2	2	2	1	1	2	2	2	2	2	2	1
rs9277554	HLA-DPB1	33163516	2	2	2	2	2	1	0	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1
rs9277555	HLA-DPB1	33163583	2	2	2	2	2	1	0	1	1	1	2	2	2	1	1	1	1	1	1	1	1	1
rs9277565	HLA-DPB1	33164875	2	2	2	2	2	2	2	2	2	9	2	2	2	1	1	2	2	2	2	2	2	1
rs10484569	HLA-DPB1	33166930	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2
rs2281390	HLA-DPB1	33167647	2	2	1	2	2	2	2	2	2	2	1	1	2	1	2	1	2	2	2	2	2	2
rs2281389	HLA-DPB1	33167774	2	2	2	2	2	2	2	2	2	1	2	2	2	1	1	2	2	2	2	2	2	0
rs3128917	HLA-DPB1	33167974	2	2	2	2	2	1	0	1	1	1	2	2	2	1	1	1	1	1	1	1	1	0
rs2281388	HLA-DPB1	33168096	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2
rs3117222	HLA-DPB1	33168927	2	2	2	2	2	1	0	1	1	9	2	2	2	1	1	1	1	1	1	1	1	0
rs3128918	HLA-DPB1	33169076	2	2	1	2	2	2	2	2	2	9	1	1	2	1	2	1	2	2	2	2	2	2
rs3130192	HLA-DPB1	33169908	2	2	1	2	2	2	2	2	2	1	1	1	2	1	2	2	2	2	2	2	2	2
rs3117221	HLA-DPB1	33169925	2	2	2	2	2	2	2	2	2	1	2	2	2	1	1	2	2	2	2	2	2	0
rs6914616	HLA-DPB1	33171570	2	2	2	2	2	1	0	1	1	2	2	2	2	2	2	1	1	1	1	1	1	2
rs6914651	HLA-DPB1	33171677	2	2	2	2	2	2	0	9	9	9	2	2	2	1	1	9	1	1	1	1	1	0
rs3130201	HLA-DPB1	33172894	2	2	1	2	2	1	0	1	1	1	1	1	2	0	1	0	1	1	1	1	1	0
rs2179915	HLA-DPB1	33173712	2	2	2	2	2	1	0	1	1	2	2	2	2	2	2	1	1	1	1	1	1	2
rs2395319	HLA-DPB1	33175189	2	2	2	2	2	1	0	1	1	1	2	2	2	1	1	1	1	1	1	1	1	0
rs2395326	HLA-DPB2	33176843	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs2395329	HLA-DPB2	33176972	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs9501269	HLA-DPB2	33177618	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3128924	HLA-DPB2	33179402	2	2	1	1	1	2	2	2	2	2	1	1	2	1	2	1	2	2	2	2	2	2
rs17214796	HLA-DPB2	33179829	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs2064479	HLA-DPB2	33180218	2	2	2	2	2	1	0	1	1	1	2	2	2	1	1	1	1	1	1	1	1	0
rs2064478	HLA-DPB2	33180244	2	2	2	2	2	1	0	1	1	1	2	2	2	1	1	1	1	1	1	1	1	0
rs9469357	HLA-DPB2	33182595	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs3130215	HLA-DPB2	33182941	0	0	1	1	1	1	2	1	1	1	1	1	0	2	1	2	1	1	1	1	1	2
rs3117230	HLA-DPB2	33183613	2	2	2	2	2	1	0	1	1	1	2	2	2	1	1	1	1	1	1	1	1	0
rs9296081	HLA-DPB2	33184639	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs6457713	HLA-DPB2	33185754	2	2	2	2	2	1	0	1	1	2	2	2	2	2	2	1	1	1	1	1	1	2
rs9380342	HLA-DPB2	33186551	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs9380343	HLA-DPB2	33187144	2	2	2	2	2	2	2	2	2	9	2	2	2	2	2	2	2	2	2	2	2	2
rs6921789	HLA-DPB2	33188170	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
rs11751659	HLA-DPB2	33189610	2	2	1	2	2	2	2	2	2	2	1	1	2	1	2	2	2	2	2	2	2	2
rs1810472	HLA-DPB2	33191099	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	1
rs2395349	HLA-DPB2	33191112	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2
rs9277656	HLA-DPB2	33192126	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2
rs3117039	HLA-DPB2	33193829	1	1	2	1	1	2	2	2	1	1	2	2	2	1	1	2	2	1	2	2	2	0
rs3117035	HLA-DPB2	33194227	1	1	2	1	1	2	2	2	1	9	2	2	2	1	1	2	2	1	2	2	2	0
rs1883414	HLA-DPB2	33194426	1	1	9	2	2	2	2	2	1	9	2	2	2	1	1	2	2	2	2	2	1	0
rs9277682	HLA-DPB2	33195662	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2
rs9277685	HLA-DPB2	33196062	2	2	2	1	9	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2
rs3117027	HLA-DPB2	33197601	1	1	2	2	2	2	2	2	1	1	2	2	2	1	1	2	2	2	2	2	1	0
rs4711317		33198283	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
rs4713607	HLA-DPB2	33198814	1	1	2	1	1	2	2	2	1	9	2	2	2	1	1	2	2	1	2	2	1	0
rs9277723	HLA-DPB2	33199432	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	1	2
rs3129274	HLA-DPB2	33202847	1	1	1	1	1	0	0	0	1	1	1	1	0	2	1	1	0	1	0	0	1	2
rs3117016	HLA-DPB2	33203494	2	2	2	1	1	2	2	2	2	9	2	2	2	1	1	2	2	1	2	2	1	0
rs3117008	HLA-DPB2	33204252	1	1	2	1	1	2	2	2	1	1	2	2	2	1	1	2	2	1	2	2	1	0
rs3117004	HLA-DPB2	33204744	2	2	2	1	1	2	2	2	2	1	2	2	2	1	1	2	2	1	2	2	2	0
rs3130237	HLA-DPB2	33205539	2	2	2	2	2	2	2	2	2	1	2	2	2	1	1	2	2	2	2	2	2	0
rs3129269	HLA-DPB2	33205592	1	1	2	2	2	2	2	2	1	1	2	2	2	1	1	2	2	2	2	2	1	0
rs6901221	HLA-DPB2	33206254	2	2	2	2	2	2	2	2	2	1	2	2	2	1	1	2	2	2	2	2	2	0
rs2294478	HLA-DPB2	33206944	1	1	9	1	1	2	2	2	1	2	1	1	2	1	2	1	2	1	2	2	2	2
rs2294472	HLA-DPB2	33207188	2	2	9	1	1	2	2	2	2	9	1	1	2	1	2	1	2	1	2	2	2	2
rs2395352	HLA-DPB2	33208710	2	2	9	1	1	2	2	2	2	9	1	1	2	1	2	1	2	1	2	2	2	2
rs9366816	HLA-DPB2	33212153	2	2	1	2	2	2	2	2	2	9	1	1	2	1	2	1	2	2	2	2	2	2
rs13437000	HLA-DPB2	33213042	2	2	1	2	2	2	2	2	2	2	1	1	2	1	2	1	2	2	2	2	2	2
rs4713610	HLA-DPB2	33215933	2	2	2	1	1	2	2	2	2	9	2	2	2	2	2	2	2	1	2	2	2	2
rs7754200	HLA-DPB2	33218911	1	1	2	2	2	2	2	2	1	1	2	2	2	1	1	2	2	2	2	2	2	0
rs3129234	HLA-DPB2	33219325	1	1	2	2	2	2	2	2	1	1	2	2	2	1	1	2	2	2	2	2	2	0
rs3129223	HLA-DPB2	33221175	1	1	2	2	2	2	2	2	1	9	2	2	2	1	1	2	2	2	2	2	2	0