

# Subclass Comparisons of SNP-Glycan Associations on Meta-Analyzed Data

IgG Glycan Trait	SNP	Chromosome	Position	p (IgG1 vs IgG2/3)	p (IgG1 vs. IgG4)	p (IgG2/3 vs. IgG4)
BG1n/G1n	rs11847263	14	65775695	2.28E-08	1	1
BG1n/G1n	rs1760978	14	65771047	1.49E-07	1	1
BG1S1/(BG1+BG1S1)	rs10138570	14	65860038	1.29E-07	1	1
BG1S1/(BG1+BG1S1)	rs11158592	14	65859968	1.94E-07	1	1
BG1S1/(BG1+BG1S1)	rs11158593	14	65859984	1.88E-07	1	1
BG1S1/(BG1+BG1S1)	rs7152441	14	65827903	3.54E-07	1	1
Bisecting_GlcNAc	rs1005522	22	39845898	5.76E-05	0.064857372	4.77E-09
Bisecting_GlcNAc	rs1007337	22	39781585	0.001703348	0.020413896	5.15E-08
Bisecting_GlcNAc	rs1010169	22	39778167	0.001469671	0.020373744	4.02E-08
Bisecting_GlcNAc	rs1010170	22	39778327	0.001392015	0.021194345	4.13E-08
Bisecting_GlcNAc	rs10644269	22	39836972	8.21E-05	0.042941547	2.57E-09
Bisecting_GlcNAc	rs113200473	22	39853740	9.03E-05	0.081805369	1.61E-08
Bisecting_GlcNAc	rs1557541	22	39851970	9.49E-05	0.040733913	2.85E-09
Bisecting_GlcNAc	rs1557542	22	39852350	9.40E-05	0.042477826	3.12E-09
Bisecting_GlcNAc	rs1557543	22	39852648	6.56E-05	0.049807295	2.77E-09
Bisecting_GlcNAc	rs1972280	22	39831986	9.41E-05	0.04235485	3.04E-09
Bisecting_GlcNAc	rs2008174	22	39860130	8.86E-05	0.043938774	3.00E-09
Bisecting_GlcNAc	rs2142848	22	39785242	0.000751277	0.028878486	3.01E-08
Bisecting_GlcNAc	rs2413590	22	39790191	0.000639498	0.032098332	2.97E-08
Bisecting_GlcNAc	rs2413592	22	39858196	8.46E-05	0.049328299	3.90E-09
Bisecting_GlcNAc	rs2899318	22	39837625	9.75E-05	0.037493072	2.36E-09
Bisecting_GlcNAc	rs35509952	22	39800563	0.000802374	0.029551202	3.39E-08
Bisecting_GlcNAc	rs3959642	22	39860589	8.69E-05	0.044712358	3.04E-09
Bisecting_GlcNAc	rs4321460	22	39793655	0.000722724	0.041058919	6.40E-08
Bisecting_GlcNAc	rs4337572	22	39800704	0.000840827	0.027828272	3.20E-08
Bisecting_GlcNAc	rs4384886	22	39793766	0.00070185	0.032953378	3.64E-08
Bisecting_GlcNAc	rs4386422	22	39793734	0.001106651	0.035700363	8.57E-08
Bisecting_GlcNAc	rs4429561	22	39799789	0.000762144	0.03676581	5.29E-08
Bisecting_GlcNAc	rs4821889	22	39777254	0.001768016	0.021474965	5.94E-08
Bisecting_GlcNAc	rs4821890	22	39777523	0.001752436	0.021624409	5.94E-08
Bisecting_GlcNAc	rs4821891	22	39785381	0.000737242	0.030051768	3.19E-08
Bisecting_GlcNAc	rs4821892	22	39795683	0.00063343	0.032521678	3.01E-08
Bisecting_GlcNAc	rs4821893	22	39797779	0.000704594	0.028668681	2.68E-08
Bisecting_GlcNAc	rs4821894	22	39809820	0.000652896	0.032516527	3.15E-08
Bisecting_GlcNAc	rs4821895	22	39823015	0.000811924	0.026446116	2.80E-08
Bisecting_GlcNAc	rs4821896	22	39833437	9.31E-05	0.041844344	2.90E-09
Bisecting_GlcNAc	rs4821897	22	39835587	9.02E-05	0.036812733	2.01E-09
Bisecting_GlcNAc	rs4821898	22	39838352	9.80E-05	0.03589036	2.14E-09
Bisecting_GlcNAc	rs5750808	22	39790987	0.000639498	0.032098332	2.97E-08

Bisecting_GlcNAc	rs5750809	22	39791491	0.000846514	0.039333668	7.02E-08
Bisecting_GlcNAc	rs5750810	22	39792943	0.00063343	0.03230941	2.97E-08
Bisecting_GlcNAc	rs5750811	22	39793066	0.00063343	0.03230941	2.97E-08
Bisecting_GlcNAc	rs5750812	22	39793079	0.00070185	0.032315278	3.48E-08
Bisecting_GlcNAc	rs5750813	22	39795228	0.000621456	0.033165663	3.05E-08
Bisecting_GlcNAc	rs5750814	22	39797987	0.000825245	0.028203471	3.20E-08
Bisecting_GlcNAc	rs5750815	22	39798449	0.000671855	0.031563915	2.98E-08
Bisecting_GlcNAc	rs5750816	22	39810379	0.000875189	0.025465122	2.80E-08
Bisecting_GlcNAc	rs5750818	22	39820885	0.000774567	0.029535822	3.21E-08
Bisecting_GlcNAc	rs5750820	22	39825322	0.000758386	0.028774442	2.93E-08
Bisecting_GlcNAc	rs5750821	22	39825492	0.000794882	0.02737562	2.92E-08
Bisecting_GlcNAc	rs5750822	22	39826788	0.000787455	0.027010622	2.79E-08
Bisecting_GlcNAc	rs5750823	22	39829973	0.000107018	0.034581135	2.22E-09
Bisecting_GlcNAc	rs5750825	22	39831278	0.000120425	0.031046662	2.04E-09
Bisecting_GlcNAc	rs5750828	22	39835083	7.39E-05	0.051984922	3.83E-09
Bisecting_GlcNAc	rs5750829	22	39838018	8.32E-05	0.052631943	4.41E-09
Bisecting_GlcNAc	rs5750830	22	39840828	6.04E-05	0.037574288	1.25E-09
Bisecting_GlcNAc	rs5750833	22	39843091	8.76E-05	0.03207785	1.37E-09
Bisecting_GlcNAc	rs5757647	22	39775047	0.001688265	0.019709306	4.71E-08
Bisecting_GlcNAc	rs5757648	22	39775156	0.00161468	0.020129465	4.58E-08
Bisecting_GlcNAc	rs5757650	22	39778419	0.001861136	0.019709306	5.54E-08
Bisecting_GlcNAc	rs5757652	22	39781855	0.001233337	0.027479237	5.73E-08
Bisecting_GlcNAc	rs5757654	22	39794124	0.000717623	0.035260803	4.24E-08
Bisecting_GlcNAc	rs5757655	22	39797178	0.000780092	0.027642293	2.80E-08
Bisecting_GlcNAc	rs5757657	22	39798429	0.000833002	0.02801533	3.20E-08
Bisecting_GlcNAc	rs5757659	22	39812409	0.000711317	0.029733456	2.85E-08
Bisecting_GlcNAc	rs5757663	22	39821319	0.000738811	0.027995045	2.64E-08
Bisecting_GlcNAc	rs5757664	22	39821536	0.000774567	0.029535822	3.21E-08
Bisecting_GlcNAc	rs5757665	22	39821641	0.000704594	0.029733456	2.80E-08
Bisecting_GlcNAc	rs5757667	22	39822116	0.000934672	0.031383412	4.94E-08
Bisecting_GlcNAc	rs5757670	22	39829736	0.000710966	0.036634164	4.56E-08
Bisecting_GlcNAc	rs5757673	22	39837920	6.18E-05	0.049712467	2.47E-09
Bisecting_GlcNAc	rs5757675	22	39838892	8.98E-05	0.037031166	2.03E-09
Bisecting_GlcNAc	rs5757676	22	39841700	0.002711768	0.018452429	8.38E-08
Bisecting_GlcNAc	rs5757678	22	39843409	7.76E-05	0.035989751	1.62E-09
Bisecting_GlcNAc	rs5757680	22	39844793	7.26E-05	0.035655465	1.38E-09
Bisecting_GlcNAc	rs5757681	22	39845547	6.82E-05	0.036097936	1.29E-09
Bisecting_GlcNAc	rs5757682	22	39848259	6.00E-05	0.039786964	1.37E-09
Bisecting_GlcNAc	rs5757683	22	39850174	8.90E-05	0.036535544	1.93E-09
Bisecting_GlcNAc	rs5757684	22	39851584	9.49E-05	0.039764921	2.69E-09
Bisecting_GlcNAc	rs5757685	22	39855540	7.17E-05	0.055485487	4.16E-09
Bisecting_GlcNAc	rs5995735	22	39854421	6.88E-05	0.054856008	3.81E-09

Bisecting_GlcNAc	rs6001566	22	39774448	0.001592713	0.021032016	4.90E-08
Bisecting_GlcNAc	rs6001567	22	39775400	0.001673306	0.019709306	4.64E-08
Bisecting_GlcNAc	rs6001568	22	39775786	0.001482995	0.021342919	4.65E-08
Bisecting_GlcNAc	rs6001585	22	39812986	0.003225364	0.017983081	1.13E-07
Bisecting_GlcNAc	rs6001587	22	39819008	0.000582968	0.033820937	2.96E-08
Bisecting_GlcNAc	rs6001588	22	39819049	0.000684777	0.032091671	3.30E-08
Bisecting_GlcNAc	rs6001594	22	39837472	9.95E-05	0.037725858	2.47E-09
Bisecting_GlcNAc	rs6001595	22	39839293	5.36E-05	0.065119355	4.36E-09
Bisecting_GlcNAc	rs6001599	22	39852720	6.81E-05	0.050031536	2.96E-09
Bisecting_GlcNAc	rs6001600	22	39852921	9.40E-05	0.044022488	3.41E-09
Bisecting_GlcNAc	rs6519190	22	39774525	0.001635792	0.021926016	5.59E-08
Bisecting_GlcNAc	rs7286917	22	39860868	8.90E-05	0.061047521	7.41E-09
Bisecting_GlcNAc	rs7288760	22	39819969	0.000444834	0.024294549	9.52E-09
Bisecting_GlcNAc	rs7292066	22	39794241	0.00070599	0.034041266	4.04E-08
Bisecting_GlcNAc	rs73167342	22	39834102	6.44E-05	0.043505496	1.79E-09
Bisecting_GlcNAc	rs7364148	22	39842165	6.69E-05	0.035217629	1.16E-09
Bisecting_GlcNAc	rs738285	22	39856356	7.17E-05	0.056440987	4.35E-09
Bisecting_GlcNAc	rs738286	22	39855575	0.000102402	0.048882628	5.04E-09
Bisecting_GlcNAc	rs738287	22	39855728	7.17E-05	0.055802478	4.23E-09
Bisecting_GlcNAc	rs738289	22	39855883	7.17E-05	0.056120976	4.29E-09
Bisecting_GlcNAc	rs739141	22	39824450	0.002272882	0.027169833	1.52E-07
Bisecting_GlcNAc	rs7423	22	39781429	0.001673306	0.020648624	5.28E-08
Bisecting_GlcNAc	rs743838	22	39824707	0.000737242	0.026649835	2.44E-08
Bisecting_GlcNAc	rs756640	22	39779300	0.001718554	0.021380967	5.94E-08
Bisecting_GlcNAc	rs7949	22	39827553	0.000772794	0.02737562	2.79E-08
Bisecting_GlcNAc	rs8136980	22	39844574	0.000102934	0.031877344	1.76E-09
Bisecting_GlcNAc	rs8137426	22	39844350	6.82E-05	0.035217629	1.22E-09
Bisecting_GlcNAc	rs8138462	22	39839670	9.14E-05	0.03760152	2.31E-09
Bisecting_GlcNAc	rs909674	22	39859169	8.25E-05	0.044904598	2.97E-09
Bisecting_GlcNAc	rs9306335	22	39843537	6.95E-05	0.031095707	8.97E-10
Bisecting_GlcNAc	rs9611165	22	39775250	0.001688265	0.019709306	4.71E-08
Bisecting_GlcNAc	rs9611166	22	39775268	0.001688265	0.019709306	4.71E-08
Bisecting_GlcNAc	rs9611167	22	39775583	0.001867726	0.022540227	7.37E-08
Bisecting_GlcNAc	rs9611169	22	39783027	0.001311619	0.023324969	4.60E-08
Bisecting_GlcNAc	rs9611170	22	39784845	0.000809931	0.026829705	2.88E-08
Bisecting_GlcNAc	rs9611176	22	39838003	7.42E-05	0.0373698	1.67E-09
Bisecting_GlcNAc	rs6001582	22	39806153	0.001066936	0.026987319	4.63E-08
FBG0n/G0n	rs1005522	22	39845898	2.21E-07	1	1
FBG0n/G0n	rs1557543	22	39852648	2.87E-07	1	1
FBG0n/G0n	rs2413592	22	39858196	4.06E-07	1	1
FBG0n/G0n	rs5750830	22	39840828	3.47E-07	1	1
FBG0n/G0n	rs5757681	22	39845547	4.02E-07	1	1

FBG0n/G0n	rs5757682	22	39848259	3.16E-07	1	1
FBG0n/G0n	rs5757685	22	39855540	3.00E-07	1	1
FBG0n/G0n	rs5995735	22	39854421	2.83E-07	1	1
FBG0n/G0n	rs6001595	22	39839293	3.57E-07	1	1
FBG0n/G0n	rs6001599	22	39852720	3.02E-07	1	1
FBG0n/G0n	rs738285	22	39856356	3.00E-07	1	1
FBG0n/G0n	rs738287	22	39855728	3.04E-07	1	1
FBG0n/G0n	rs738289	22	39855883	3.04E-07	1	1
FBn/Bn total	rs10138052	14	65833440	2.61E-07	1	1
FBn/Bn total	rs10148907	14	65833372	2.61E-07	1	1
FBn/Bn total	rs11847263	14	65775695	2.62E-07	1	1
FBn/Bn total	rs60488013	14	65825854	2.81E-07	1	1
FBn/Bn total	rs66492349	14	65839489	2.50E-07	1	1
FBn/Bn total	rs10138570	14	65860038	2.28E-07	1	1
FBn/Bn total	rs11158592	14	65859968	2.49E-07	1	1
FBn/Bn total	rs11158593	14	65859984	2.15E-07	1	1
FG2n total/G2n	rs10132229	14	65777560	2.99E-07	1	1
FG2n total/G2n	rs10134589	14	65781234	9.18E-08	1	1
FG2n total/G2n	rs10137464	14	65785829	1.58E-07	1	1
FG2n total/G2n	rs10138052	14	65833440	7.39E-09	1	1
FG2n total/G2n	rs10138662	14	65779482	1.56E-07	1	1
FG2n total/G2n	rs10142617	14	65773671	2.82E-07	1	1
FG2n total/G2n	rs10144975	14	65773982	2.59E-07	1	1
FG2n total/G2n	rs10148907	14	65833372	7.39E-09	1	1
FG2n total/G2n	rs11158587	14	65782712	1.56E-07	1	1
FG2n total/G2n	rs112850324	14	66241579	2.60E-07	1	1
FG2n total/G2n	rs11847263	14	65775695	9.37E-09	1	1
FG2n total/G2n	rs17102587	14	65774477	2.30E-07	1	1
FG2n total/G2n	rs17102598	14	65784860	1.56E-07	1	1
FG2n total/G2n	rs1760978	14	65771047	9.83E-09	1	1
FG2n total/G2n	rs1950557	14	66201757	8.52E-08	1	1
FG2n total/G2n	rs28740895	14	65783523	1.53E-07	1	1
FG2n total/G2n	rs35206478	14	66223213	7.85E-08	1	1
FG2n total/G2n	rs3742597	14	66200177	7.02E-08	1	1
FG2n total/G2n	rs57071950	14	65788437	1.99E-07	1	1
FG2n total/G2n	rs58102398	14	66250157	1.08E-07	1	1
FG2n total/G2n	rs59853675	14	66250679	8.97E-08	1	1
FG2n total/G2n	rs60273099	14	66214850	6.92E-08	1	1
FG2n total/G2n	rs60488013	14	65825854	8.19E-09	1	1
FG2n total/G2n	rs60734251	14	66250274	1.08E-07	1	1
FG2n total/G2n	rs61298903	14	66218595	6.19E-08	1	1
FG2n total/G2n	rs61348705	14	66111019	1.44E-07	1	1

FG2n total/G2n	rs6573598	14	65783019	1.56E-07	1	1
FG2n total/G2n	rs6573599	14	65783127	1.58E-07	1	1
FG2n total/G2n	rs6573600	14	65783270	1.70E-07	1	1
FG2n total/G2n	rs6573602	14	65784610	1.56E-07	1	1
FG2n total/G2n	rs6573604	14	65787941	1.86E-07	1	1
FG2n total/G2n	rs66492349	14	65839489	1.08E-08	1	1
FG2n total/G2n	rs67662065	14	66250999	7.87E-08	1	1
FG2n total/G2n	rs7151212	14	65781622	1.61E-07	1	1
FG2n total/G2n	rs7151301	14	65781496	1.58E-07	1	1
FG2n total/G2n	rs8004239	14	65783460	1.67E-07	1	1
FG2n total/G2n	rs8006316	14	65787115	1.69E-07	1	1
FG2n total/G2n	rs8010759	14	65784559	3.64E-07	1	1
FG2n total/G2n	rs8012054	14	65774762	2.06E-07	1	1
FG2n total/G2n	rs8013568	14	65774875	2.01E-07	1	1
FG2n total/G2n	rs8017974	14	65775187	1.83E-07	1	1
FG2n total/G2n	rs8019473	14	65779128	1.55E-07	1	1
FG2n total/G2n	rs8019767	14	65782785	1.56E-07	1	1
FG2n total/G2n	rs10138570	14	65860038	8.90E-10	1	1
FG2n total/G2n	rs111568962	14	65897898	2.76E-07	1	1
FG2n total/G2n	rs11158591	14	65855762	1.39E-09	1	1
FG2n total/G2n	rs11158592	14	65859968	8.90E-10	1	1
FG2n total/G2n	rs11158593	14	65859984	8.45E-10	1	1
FG2n total/G2n	rs11158596	14	65911975	2.34E-07	1	1
FG2n total/G2n	rs11158602	14	66071733	2.69E-07	1	1
FG2n total/G2n	rs11620749	14	65899804	2.80E-07	1	1
FG2n total/G2n	rs11621121	14	65822493	4.61E-09	1	1
FG2n total/G2n	rs11621604	14	65840774	9.76E-09	1	1
FG2n total/G2n	rs11621680	14	66014681	2.51E-07	1	1
FG2n total/G2n	rs11622014	14	66041645	3.16E-07	1	1
FG2n total/G2n	rs11622271	14	66149065	4.07E-07	1	1
FG2n total/G2n	rs11622829	14	66191782	4.20E-07	1	1
FG2n total/G2n	rs11623920	14	65819314	5.34E-09	1	1
FG2n total/G2n	rs11627084	14	65978836	3.85E-07	1	1
FG2n total/G2n	rs11627184	14	66121443	4.19E-07	1	1
FG2n total/G2n	rs11627185	14	66121492	4.19E-07	1	1
FG2n total/G2n	rs11627402	14	65841322	6.02E-08	1	1
FG2n total/G2n	rs11627598	14	65797766	2.66E-08	1	1
FG2n total/G2n	rs11628196	14	65891241	2.59E-07	1	1
FG2n total/G2n	rs12586842	14	66145022	3.98E-07	1	1
FG2n total/G2n	rs12589698	14	65920435	1.79E-07	1	1
FG2n total/G2n	rs12878872	14	65804665	3.99E-09	1	1
FG2n total/G2n	rs12879202	14	65977182	2.41E-07	1	1

FG2n total/G2n	rs12879971	14	65901604	2.50E-07	1	1
FG2n total/G2n	rs12880725	14	65799805	2.50E-08	1	1
FG2n total/G2n	rs12881911	14	65831221	9.29E-09	1	1
FG2n total/G2n	rs12882269	14	65847144	7.20E-09	1	1
FG2n total/G2n	rs12883815	14	65923367	1.71E-07	1	1
FG2n total/G2n	rs12886005	14	65809247	5.69E-09	1	1
FG2n total/G2n	rs12886168	14	65809286	1.09E-08	1	1
FG2n total/G2n	rs12887134	14	66045543	3.45E-07	1	1
FG2n total/G2n	rs12890123	14	65998069	2.50E-07	1	1
FG2n total/G2n	rs12890978	14	65982890	2.46E-07	1	1
FG2n total/G2n	rs12892058	14	65903441	1.62E-07	1	1
FG2n total/G2n	rs12893094	14	65789077	2.62E-08	1	1
FG2n total/G2n	rs12895074	14	65976793	3.31E-07	1	1
FG2n total/G2n	rs1815654	14	65855232	2.12E-09	1	1
FG2n total/G2n	rs1953416	14	65878807	1.43E-07	1	1
FG2n total/G2n	rs1954052	14	65805709	5.27E-09	1	1
FG2n total/G2n	rs2002692	14	65899454	2.80E-07	1	1
FG2n total/G2n	rs2149841	14	66010319	2.17E-07	1	1
FG2n total/G2n	rs2184603	14	65930670	2.83E-07	1	1
FG2n total/G2n	rs2411816	14	65994880	4.00E-07	1	1
FG2n total/G2n	rs2411822	14	65878395	2.23E-07	1	1
FG2n total/G2n	rs3825640	14	65961204	2.13E-07	1	1
FG2n total/G2n	rs4456409	14	65897967	2.11E-07	1	1
FG2n total/G2n	rs4899174	14	65811400	5.69E-09	1	1
FG2n total/G2n	rs4899179	14	65926748	2.88E-07	1	1
FG2n total/G2n	rs4902385	14	65778179	1.59E-07	1	1
FG2n total/G2n	rs4902386	14	65778290	1.57E-07	1	1
FG2n total/G2n	rs4902391	14	65815979	8.41E-09	1	1
FG2n total/G2n	rs4902393	14	65839514	8.02E-09	1	1
FG2n total/G2n	rs4902400	14	65957115	3.56E-07	1	1
FG2n total/G2n	rs4902407	14	66074635	3.60E-07	1	1
FG2n total/G2n	rs7152441	14	65827903	1.29E-07	1	1
FG2n total/G2n	rs7153297	14	66003466	2.25E-07	1	1
FG2n total/G2n	rs7155541	14	66046242	3.26E-07	1	1
FG2n total/G2n	rs7155963	14	66076029	1.88E-07	1	1
FG2n total/G2n	rs7157006	14	65828207	6.48E-09	1	1
FG2n total/G2n	rs7158347	14	65828955	8.15E-09	1	1
FG2n total/G2n	rs747541	14	65805410	1.07E-08	1	1
FG2n total/G2n	rs8022094	14	65846841	7.31E-09	1	1
FG2n total/G2n	rs867972	14	65895761	1.43E-07	1	1
FG2n total/G2n	rs883081	14	65880621	1.29E-07	1	1
FG2n total/G2n	rs883082	14	65880940	1.55E-07	1	1

FG2n total/G2n	rs899959	14	65791928	2.96E-08	1	1
FG2n total/G2n	rs9796385	14	66101219	3.90E-07	1	1
FG2n/G2n	rs10138052	14	65833440	4.09E-08	1	1
FG2n/G2n	rs10148907	14	65833372	4.04E-08	1	1
FG2n/G2n	rs11847263	14	65775695	1.32E-09	1	1
FG2n/G2n	rs28740895	14	65783523	2.74E-08	1	1
FG2n/G2n	rs60488013	14	65825854	4.44E-08	1	1
FG2n/G2n	rs66492349	14	65839489	5.84E-08	1	1
FG2n/G2n	rs10138570	14	65860038	1.98E-08	1	1
FG2n/G2n	rs11158591	14	65855762	2.45E-09	1	1
FG2n/G2n	rs11158592	14	65859968	1.94E-08	1	1
FG2n/G2n	rs11158593	14	65859984	2.04E-08	1	1
FG2n/G2n	rs11621121	14	65822493	4.30E-09	1	1
FG2n/G2n	rs11621604	14	65840774	1.24E-08	1	1
FG2n/G2n	rs11623920	14	65819314	4.90E-09	1	1
FG2n/G2n	rs11627402	14	65841322	4.65E-08	1	1
FG2n/G2n	rs11627598	14	65797766	2.43E-09	1	1
FG2n/G2n	rs12589698	14	65920435	3.45E-07	1	1
FG2n/G2n	rs12878872	14	65804665	3.62E-09	1	1
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FG2n/G2n	rs12881911	14	65831221	1.16E-08	1	1
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FG2n/G2n	rs12886005	14	65809247	5.50E-09	1	1
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FG2n/G2n	rs12890978	14	65982890	4.21E-07	1	1
FG2n/G2n	rs12892058	14	65903441	3.35E-07	1	1
FG2n/G2n	rs12893094	14	65789077	2.18E-09	1	1
FG2n/G2n	rs1815654	14	65855232	3.80E-09	1	1
FG2n/G2n	rs1953416	14	65878807	3.07E-07	1	1
FG2n/G2n	rs1954052	14	65805709	5.25E-09	1	1
FG2n/G2n	rs4456409	14	65897967	4.03E-07	1	1
FG2n/G2n	rs4899174	14	65811400	5.41E-09	1	1
FG2n/G2n	rs4902391	14	65815979	6.27E-09	1	1
FG2n/G2n	rs4902393	14	65839514	7.40E-09	1	1
FG2n/G2n	rs7152441	14	65827903	3.60E-07	1	1
FG2n/G2n	rs7153297	14	66003466	3.93E-07	1	1
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FG2n/G2n	rs7158347	14	65828955	1.11E-08	1	1
FG2n/G2n	rs747541	14	65805410	5.77E-09	1	1
FG2n/G2n	rs8022094	14	65846841	8.19E-09	1	1
FG2n/G2n	rs867972	14	65895761	2.98E-07	1	1

FG2n/G2n	rs883081	14	65880621	3.21E-07	1	1
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FG2n/G2n	rs899959	14	65791928	2.42E-09	1	1
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_G0FN/G0F	rs1010169	22	39778167	1.83E-05	0.132385795	7.88E-09
_G0FN/G0F	rs1010170	22	39778327	1.77E-05	0.133073246	7.63E-09
_G0FN/G0F	rs10644269	22	39836972	5.90E-07	0.119717709	6.79E-11
_G0FN/G0F	rs113200473	22	39853740	5.37E-07	0.169456804	1.95E-10
_G0FN/G0F	rs1557541	22	39851970	4.52E-07	0.121653678	5.07E-11
_G0FN/G0F	rs1557542	22	39852350	4.83E-07	0.12601977	5.86E-11
_G0FN/G0F	rs1557543	22	39852648	2.87E-07	0.136312323	3.93E-11
_G0FN/G0F	rs1972280	22	39831986	8.29E-07	0.118143182	1.01E-10
_G0FN/G0F	rs2008174	22	39860130	4.02E-07	0.131516301	5.35E-11
_G0FN/G0F	rs2142848	22	39785242	5.95E-06	0.13732777	2.06E-09
_G0FN/G0F	rs2413590	22	39790191	5.00E-06	0.151964495	2.39E-09
_G0FN/G0F	rs2413592	22	39858196	3.90E-07	0.130076547	4.96E-11
_G0FN/G0F	rs2899318	22	39837625	6.23E-07	0.112673581	5.96E-11
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_G0FN/G0F	rs4337572	22	39800704	7.24E-06	0.131111283	2.26E-09
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_G0FN/G0F	rs4820377	22	39770780	0.000183705	0.164624847	3.11E-07
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_G0FN/G0F	rs4821895	22	39823015	7.99E-06	0.128419446	2.41E-09
_G0FN/G0F	rs4821896	22	39833437	7.72E-07	0.114051961	7.57E-11
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_G0FN/G0F	rs5750808	22	39790987	5.00E-06	0.151964495	2.39E-09
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_G0FN/G0F	rs5750810	22	39792943	5.00E-06	0.151964495	2.39E-09
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_G0FN/G0F	rs5750812	22	39793079	5.49E-06	0.148224077	2.36E-09



_G0FN/G0F	rs5750813	22	39795228	4.94E-06	0.155021495	2.51E-09
_G0FN/G0F	rs5750814	22	39797987	6.80E-06	0.133158724	2.19E-09
_G0FN/G0F	rs5750815	22	39798449	6.07E-06	0.145210196	2.65E-09
_G0FN/G0F	rs5750816	22	39810379	8.37E-06	0.125661755	2.44E-09
_G0FN/G0F	rs5750818	22	39820885	7.03E-06	0.13585072	2.43E-09
_G0FN/G0F	rs5750820	22	39825322	7.44E-06	0.134578321	2.72E-09
_G0FN/G0F	rs5750821	22	39825492	7.81E-06	0.129088343	2.42E-09
_G0FN/G0F	rs5750822	22	39826788	7.62E-06	0.128419446	2.31E-09
_G0FN/G0F	rs5750823	22	39829973	7.92E-07	0.107367893	6.83E-11
_G0FN/G0F	rs5750825	22	39831278	9.37E-07	0.09988511	6.74E-11
_G0FN/G0F	rs5750828	22	39835083	4.62E-07	0.122536288	5.34E-11
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_G0FN/G0F	rs5750830	22	39840828	3.16E-07	0.114840868	2.64E-11
_G0FN/G0F	rs5750833	22	39843091	4.62E-07	0.107428671	3.47E-11
_G0FN/G0F	rs5757642	22	39764824	0.000219532	0.163828773	3.89E-07
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_G0FN/G0F	rs5757650	22	39778419	2.43E-05	0.130339943	1.11E-08
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_G0FN/G0F	rs5757654	22	39794124	5.75E-06	0.146840618	2.56E-09
_G0FN/G0F	rs5757655	22	39797178	6.48E-06	0.130434255	1.92E-09
_G0FN/G0F	rs5757657	22	39798429	6.80E-06	0.133158724	2.19E-09
_G0FN/G0F	rs5757659	22	39812409	6.37E-06	0.133763458	2.04E-09
_G0FN/G0F	rs5757663	22	39821319	6.77E-06	0.126984826	1.88E-09
_G0FN/G0F	rs5757664	22	39821536	6.94E-06	0.136552037	2.43E-09
_G0FN/G0F	rs5757665	22	39821641	6.29E-06	0.13449767	2.14E-09
_G0FN/G0F	rs5757667	22	39822116	9.91E-06	0.124040088	2.92E-09
_G0FN/G0F	rs5757670	22	39829736	6.15E-06	0.181708698	5.28E-09
_G0FN/G0F	rs5757673	22	39837920	4.41E-07	0.118934357	4.22E-11
_G0FN/G0F	rs5757675	22	39838892	5.35E-07	0.112235015	4.75E-11
_G0FN/G0F	rs5757676	22	39841700	6.72E-05	0.085398937	1.26E-08
_G0FN/G0F	rs5757678	22	39843409	4.06E-07	0.118995555	4.10E-11
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_G0FN/G0F	rs5995735	22	39854421	2.72E-07	0.145163693	4.85E-11
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_G0FN/G0F	rs6001567	22	39775400	2.06E-05	0.133073246	9.51E-09
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_G0FN/G0F	rs6001588	22	39819049	6.63E-06	0.140132361	2.65E-09
_G0FN/G0F	rs6001594	22	39837472	6.31E-07	0.112673581	6.06E-11
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_G0FN/G0F	rs6001599	22	39852720	2.79E-07	0.133028437	3.50E-11
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_G0FN/G0F	rs6519190	22	39774525	1.81E-05	0.135230832	8.28E-09
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_G0FN/G0F	rs738287	22	39855728	3.03E-07	0.147979472	5.61E-11
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_G0FN/G0F	rs8136980	22	39844574	5.67E-07	0.101989061	3.88E-11
_G0FN/G0F	rs8137426	22	39844350	3.46E-07	0.106874575	2.34E-11
_G0FN/G0F	rs8138462	22	39839670	5.54E-07	0.112235015	5.06E-11
_G0FN/G0F	rs909674	22	39859169	4.12E-07	0.133992716	5.87E-11
_G0FN/G0F	rs9306335	22	39843537	3.76E-07	0.093928186	1.71E-11
_G0FN/G0F	rs9611165	22	39775250	2.09E-05	0.133073246	9.66E-09
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_G0FN/G0F	rs9611167	22	39775583	2.40E-05	0.138032296	1.28E-08
_G0FN/G0F	rs9611169	22	39783027	1.81E-05	0.136477522	8.50E-09
_G0FN/G0F	rs9611170	22	39784845	7.62E-06	0.129138067	2.47E-09
_G0FN/G0F	rs9611176	22	39838003	4.28E-07	0.107678352	3.10E-11
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_G0n	rs1003401	14	66237720	0.075789151	4.34E-12	2.51E-07
_G0n	rs10138570	14	65860038	0.01968314	6.54E-17	1.89E-09
_G0n	rs10138671	14	65860092	0.177399764	4.48E-08	3.74E-05
_G0n	rs10483780	14	65980170	0.171822825	6.76E-15	1.28E-10
_G0n	rs10483785	14	66219517	0.164011293	5.13E-14	8.19E-10
_G0n	rs1054218	14	66209190	0.066358464	7.77E-12	5.34E-07
_G0n	rs1075566	14	66239457	0.241963926	4.04E-13	1.15E-09

_G0n	rs111568962	14	65897898	0.133745607	1.08E-13	3.09E-09
_G0n	rs11158591	14	65855762	0.259317338	1.20E-14	4.65E-11
_G0n	rs11158592	14	65859968	0.018404766	6.86E-17	2.28E-09
_G0n	rs11158593	14	65859984	0.018267313	6.86E-17	2.32E-09
_G0n	rs11158596	14	65911975	0.155707661	3.00E-14	6.68E-10
_G0n	rs11158601	14	66025363	0.164889771	1.49E-14	2.85E-10
_G0n	rs11158602	14	66071733	0.188959348	2.29E-14	2.77E-10
_G0n	rs11158611	14	66235074	0.280114277	3.64E-13	5.88E-10
_G0n	rs113131712	14	66064120	0.146196455	1.55E-14	4.89E-10
_G0n	rs11620749	14	65899804	0.158166243	3.30E-14	6.33E-10
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_G0n	rs11624104	14	66196137	0.141517098	8.61E-14	2.04E-09
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_G0n	rs11627402	14	65841322	0.296633894	9.11E-14	1.53E-10
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_G0n	rs10138052	14	65833440	0.032408833	3.53E-15	9.72E-09
_G0n	rs10138151	14	65789729	0.014415442	6.53E-13	2.02E-06
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_G0n	rs28470717	14	66251050	0.434838901	7.23E-12	1.25E-09
_G0n	rs28557275	14	65790415	0.015570217	8.39E-13	2.09E-06
_G0n	rs28595734	14	65792269	0.015017022	8.91E-13	2.32E-06
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_G0n	rs3742597	14	66200177	0.089822362	6.52E-14	6.29E-09
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_G1FN/G1F	rs4821897	22	39835587	9.74E-06	0.008694773	2.26E-12
_G1FN/G1F	rs4821898	22	39838352	1.05E-05	0.007923405	2.14E-12
_G1FN/G1F	rs5750806	22	39767011	0.00134677	0.014690774	2.05E-08
_G1FN/G1F	rs5750808	22	39790987	0.000107827	0.008218097	9.25E-11
_G1FN/G1F	rs5750809	22	39791491	0.000129764	0.01112984	2.44E-10
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_G1FN/G1F	rs5750811	22	39793066	0.000107827	0.008218097	9.25E-11
_G1FN/G1F	rs5750812	22	39793079	0.000117991	0.009067045	1.33E-10
_G1FN/G1F	rs5750813	22	39795228	0.000106354	0.008403317	8.78E-11
_G1FN/G1F	rs5750814	22	39797987	0.000127835	0.008880732	1.44E-10
_G1FN/G1F	rs5750815	22	39798449	0.0001096	0.009040228	1.17E-10
_G1FN/G1F	rs5750816	22	39810379	0.000141493	0.007856816	1.30E-10
_G1FN/G1F	rs5750818	22	39820885	0.000121962	0.009040228	1.39E-10
_G1FN/G1F	rs5750820	22	39825322	0.000119954	0.008282309	1.12E-10
_G1FN/G1F	rs5750821	22	39825492	0.000127835	0.007842096	1.10E-10
_G1FN/G1F	rs5750822	22	39826788	0.000130569	0.007842096	1.14E-10
_G1FN/G1F	rs5750823	22	39829973	1.10E-05	0.007907255	2.39E-12
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_G1FN/G1F	rs5750830	22	39840828	6.25E-06	0.009086882	1.34E-12
_G1FN/G1F	rs5750833	22	39843091	9.74E-06	0.006844542	1.39E-12
_G1FN/G1F	rs5757642	22	39764824	0.000979025	0.012046192	7.55E-09
_G1FN/G1F	rs5757644	22	39766440	0.001318416	0.014800601	1.96E-08
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_G1FN/G1F	rs5757648	22	39775156	0.000228462	0.005850059	1.52E-10
_G1FN/G1F	rs5757650	22	39778419	0.000285912	0.005756092	2.13E-10
_G1FN/G1F	rs5757652	22	39781855	0.000253992	0.009067045	4.59E-10

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_G1FN/G1F	rs5757663	22	39821319	0.000115625	0.008764288	1.19E-10
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_G1FNn	rs5757663	22	39821319	2.24E-05	0.007835818	5.25E-12
_G1FNn	rs5757664	22	39821536	2.27E-05	0.007594412	5.14E-12
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_G1FNn	rs6001594	22	39837472	2.26E-06	0.004919728	4.60E-14
_G1FNn	rs6001595	22	39839293	1.24E-06	0.008916495	8.06E-14
_G1FNn	rs6001599	22	39852720	1.69E-06	0.006908963	6.39E-14
_G1FNn	rs6001600	22	39852921	2.16E-06	0.005815058	6.46E-14
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_G1n	rs2184603	14	65930670	0.022047072	7.18E-19	5.02E-11
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_G1n	rs2300865	14	66120015	0.02640149	1.14E-18	4.46E-11
_G1n	rs2411351	14	66171541	0.027170516	1.14E-18	4.13E-11
_G1n	rs2411355	14	66060707	0.031985535	1.24E-18	2.76E-11
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_G1n	rs2411816	14	65994880	0.018914907	9.29E-19	9.21E-11
_G1n	rs2411822	14	65878395	0.016027484	2.28E-19	4.90E-11
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_G1n	rs4902407	14	66074635	0.028420809	1.68E-19	8.78E-12
_G1n	rs4902415	14	66235690	0.023785469	1.52E-15	1.22E-08
_G1n	rs4902416	14	66238090	0.021331505	1.65E-15	1.60E-08
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_G1n	rs7157006	14	65828207	0.002770597	1.06E-17	2.67E-08
_G1n	rs7157449	14	66240137	0.020908982	2.78E-15	2.51E-08
_G1n	rs7158347	14	65828955	0.003084522	2.01E-17	3.37E-08

_G1n	rs7158556	14	66240729	0.008277781	3.20E-13	3.73E-06
_G1n	rs7160780	14	66052713	0.029348116	3.12E-15	1.27E-08
_G1n	rs7161123	14	66052901	0.031985535	1.24E-18	2.76E-11
_G1n	rs730807	14	66239290	0.02045535	2.33E-15	2.32E-08
_G1n	rs743084	14	66232602	0.02092401	2.17E-15	1.92E-08
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_G1n	rs8003811	14	66211250	0.026319149	1.31E-14	4.23E-08
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_G1n	rs8014475	14	65811537	0.019211076	1.27E-10	4.46E-05
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_G1n	rs8022094	14	65846841	0.003349779	2.61E-17	3.46E-08
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_G1n	rs8017974	14	65775187	0.000676574	1.04E-13	5.63E-05
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_G2F/G2	rs112850324	14	66241579	3.18E-07	1	1
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_G2FN/G2F	rs1005522	22	39845898	2.10E-05	0.336355559	1.71E-07
_G2FN/G2F	rs6001595	22	39839293	3.72E-05	0.201639816	6.29E-08
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_G2FS1/G2S1	rs10148907	14	65833372	3.64E-07	1	1
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_G2n	rs12893094	14	65789077	2.66E-05	5.28E-09	0.09834479
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_G0Fn	rs8137426	22	39844350	0.132109373	0.00032321	3.32E-07
_G0Fn	rs8138462	22	39839670	0.135759098	0.000231371	2.27E-07
_G0Fn	rs909674	22	39859169	0.083753712	0.000440891	1.61E-07
_G0Fn	rs9306335	22	39843537	0.13998305	0.000272293	3.08E-07
_G0Fn	rs9611176	22	39838003	0.14940525	0.000242065	3.19E-07
_G1FN	rs28685576	22	39841533	0.001891185	0.002194675	8.24E-10
_G1FNn	rs28685576	22	39841533	0.002546871	0.006697994	1.10E-08
_G1FNn	rs5750826	22	39832113	0.002010959	0.007142458	7.67E-09
_G2FN/G2F	rs1007337	22	39781585	0.000744184	0.046527822	8.18E-08
_G2FN/G2F	rs1010169	22	39778167	0.000610538	0.056027599	9.37E-08
_G2FN/G2F	rs1010170	22	39778327	0.000587518	0.057054343	9.24E-08
_G2FN/G2F	rs10644269	22	39836972	4.32E-05	0.1368431	2.35E-08
_G2FN/G2F	rs113200473	22	39853740	3.12E-05	0.209668666	5.39E-08
_G2FN/G2F	rs1557541	22	39851970	2.52E-05	0.134074339	1.08E-08
_G2FN/G2F	rs1557542	22	39852350	2.63E-05	0.134760008	1.09E-08
_G2FN/G2F	rs1557543	22	39852648	2.39E-05	0.16698252	1.96E-08
_G2FN/G2F	rs1972280	22	39831986	4.49E-05	0.146545097	3.03E-08
_G2FN/G2F	rs2008174	22	39860130	2.46E-05	0.135792301	1.08E-08
_G2FN/G2F	rs2142848	22	39785242	0.00026478	0.076166024	5.83E-08
_G2FN/G2F	rs2413590	22	39790191	0.000251768	0.080157391	6.18E-08

_G2FN/G2F	rs2413592	22	39858196	3.76E-05	0.163902688	3.31E-08
_G2FN/G2F	rs2899318	22	39837625	4.22E-05	0.130361262	1.97E-08
_G2FN/G2F	rs35509952	22	39800563	0.000301624	0.08815972	1.02E-07
_G2FN/G2F	rs3959642	22	39860589	2.46E-05	0.139650331	1.20E-08
_G2FN/G2F	rs4321460	22	39793655	0.000533461	0.070471273	1.33E-07
_G2FN/G2F	rs4337572	22	39800704	0.000286919	0.076166024	6.55E-08
_G2FN/G2F	rs4384886	22	39793766	0.000278818	0.072980182	5.64E-08
_G2FN/G2F	rs4386422	22	39793734	0.000540044	0.106889901	3.85E-07
_G2FN/G2F	rs4429561	22	39799789	0.000273704	0.109842807	1.58E-07
_G2FN/G2F	rs4821889	22	39777254	0.000768143	0.049928423	9.58E-08
_G2FN/G2F	rs4821890	22	39777523	0.000760961	0.049928423	9.45E-08
_G2FN/G2F	rs4821891	22	39785381	0.000262128	0.078808462	6.27E-08
_G2FN/G2F	rs4821892	22	39795683	0.000249239	0.080611182	6.18E-08
_G2FN/G2F	rs4821893	22	39797779	0.00025906	0.082700351	6.98E-08
_G2FN/G2F	rs4821894	22	39809820	0.000207065	0.088448809	6.03E-08
_G2FN/G2F	rs4821895	22	39823015	0.000261693	0.067644731	4.24E-08
_G2FN/G2F	rs4821896	22	39833437	4.68E-05	0.150812838	3.29E-08
_G2FN/G2F	rs4821897	22	39835587	4.45E-05	0.129719747	2.09E-08
_G2FN/G2F	rs4821898	22	39838352	4.25E-05	0.103556273	9.64E-09
_G2FN/G2F	rs5750808	22	39790987	0.000251768	0.080157391	6.18E-08
_G2FN/G2F	rs5750809	22	39791491	0.000317331	0.079471839	8.44E-08
_G2FN/G2F	rs5750810	22	39792943	0.000249239	0.080611182	6.18E-08
_G2FN/G2F	rs5750811	22	39793066	0.000249239	0.080611182	6.18E-08
_G2FN/G2F	rs5750812	22	39793079	0.000276045	0.073819814	5.72E-08
_G2FN/G2F	rs5750813	22	39795228	0.000239358	0.080611182	5.83E-08
_G2FN/G2F	rs5750814	22	39797987	0.000298627	0.076601342	7.04E-08
_G2FN/G2F	rs5750815	22	39798449	0.000236461	0.091948164	8.06E-08
_G2FN/G2F	rs5750816	22	39810379	0.000286539	0.068439624	4.99E-08
_G2FN/G2F	rs5750818	22	39820885	0.000237384	0.079837288	5.31E-08
_G2FN/G2F	rs5750820	22	39825322	0.00023219	0.075732726	4.76E-08
_G2FN/G2F	rs5750821	22	39825492	0.000246733	0.071097972	4.42E-08
_G2FN/G2F	rs5750822	22	39826788	0.000246733	0.071097972	4.42E-08
_G2FN/G2F	rs5750823	22	39829973	4.88E-05	0.118397315	1.89E-08
_G2FN/G2F	rs5750825	22	39831278	5.65E-05	0.10862423	1.73E-08
_G2FN/G2F	rs5750828	22	39835083	5.96E-05	0.158829752	5.60E-08
_G2FN/G2F	rs5750829	22	39838018	3.80E-05	0.185412579	4.97E-08
_G2FN/G2F	rs5750830	22	39840828	2.47E-05	0.12499218	8.48E-09
_G2FN/G2F	rs5750833	22	39843091	2.61E-05	0.11040657	6.06E-09
_G2FN/G2F	rs5757647	22	39775047	0.000809884	0.048293174	1.01E-07
_G2FN/G2F	rs5757648	22	39775156	0.000802327	0.047995099	9.86E-08
_G2FN/G2F	rs5757650	22	39778419	0.000794835	0.044817116	8.30E-08
_G2FN/G2F	rs5757652	22	39781855	0.00064347	0.059395104	1.13E-07

_G2FN/G2F	rs5757654	22	39794124	0.000297067	0.080010012	7.53E-08
_G2FN/G2F	rs5757655	22	39797178	0.000262128	0.077038686	5.92E-08
_G2FN/G2F	rs5757657	22	39798429	0.000301624	0.076601342	7.14E-08
_G2FN/G2F	rs5757659	22	39812409	0.000252317	0.081772393	6.41E-08
_G2FN/G2F	rs5757663	22	39821319	0.000265429	0.079489426	6.41E-08
_G2FN/G2F	rs5757664	22	39821536	0.00024378	0.080852902	6.03E-08
_G2FN/G2F	rs5757665	22	39821641	0.000247244	0.08223531	6.31E-08
_G2FN/G2F	rs5757667	22	39822116	0.000430107	0.068222812	8.67E-08
_G2FN/G2F	rs5757670	22	39829736	0.000324512	0.073540052	6.92E-08
_G2FN/G2F	rs5757673	22	39837920	6.07E-05	0.164067923	6.32E-08
_G2FN/G2F	rs5757675	22	39838892	4.49E-05	0.129173903	2.08E-08
_G2FN/G2F	rs5757678	22	39843409	2.17E-05	0.120143766	6.31E-09
_G2FN/G2F	rs5757680	22	39844793	2.44E-05	0.136527802	1.09E-08
_G2FN/G2F	rs5757681	22	39845547	2.39E-05	0.130715159	9.27E-09
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_G2FN/G2F	rs5757684	22	39851584	2.52E-05	0.133432451	1.06E-08
_G2FN/G2F	rs5757685	22	39855540	2.49E-05	0.170033887	2.19E-08
_G2FN/G2F	rs5995735	22	39854421	2.31E-05	0.170033887	1.99E-08
_G2FN/G2F	rs6001566	22	39774448	0.000583479	0.058571061	9.55E-08
_G2FN/G2F	rs6001567	22	39775400	0.000784523	0.048293174	9.47E-08
_G2FN/G2F	rs6001568	22	39775786	0.000618828	0.057522153	9.65E-08
_G2FN/G2F	rs6001587	22	39819008	0.000235525	0.109771284	1.24E-07
_G2FN/G2F	rs6001588	22	39819049	0.000238878	0.087468959	7.18E-08
_G2FN/G2F	rs6001594	22	39837472	4.22E-05	0.130361262	1.97E-08
_G2FN/G2F	rs6001599	22	39852720	2.49E-05	0.15734971	1.73E-08
_G2FN/G2F	rs6001600	22	39852921	2.69E-05	0.136704213	1.17E-08
_G2FN/G2F	rs6519190	22	39774525	0.000566944	0.069875123	1.40E-07
_G2FN/G2F	rs7286917	22	39860868	2.01E-05	0.186849848	2.36E-08
_G2FN/G2F	rs7288760	22	39819969	0.000264269	0.083490212	7.36E-08
_G2FN/G2F	rs7292066	22	39794241	0.000253322	0.077919482	5.91E-08
_G2FN/G2F	rs73167342	22	39834102	3.81E-05	0.178192344	4.23E-08
_G2FN/G2F	rs7364148	22	39842165	2.61E-05	0.12509638	9.14E-09
_G2FN/G2F	rs738285	22	39856356	2.69E-05	0.173069971	2.56E-08
_G2FN/G2F	rs738286	22	39855575	2.99E-05	0.135437618	1.39E-08
_G2FN/G2F	rs738287	22	39855728	2.52E-05	0.171575159	2.29E-08
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_G2FN/G2F	rs7423	22	39781429	0.000737198	0.047698572	8.54E-08
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_G2FN/G2F	rs7949	22	39827553	0.000236946	0.070688421	4.11E-08

_G2FN/G2F	rs8136980	22	39844574	3.17E-05	0.109365602	8.01E-09
_G2FN/G2F	rs8137426	22	39844350	2.67E-05	0.123873715	9.14E-09
_G2FN/G2F	rs8138462	22	39839670	4.44E-05	0.1285392	2.03E-08
_G2FN/G2F	rs909674	22	39859169	2.22E-05	0.129409892	8.63E-09
_G2FN/G2F	rs9306335	22	39843537	2.81E-05	0.122169385	9.43E-09
_G2FN/G2F	rs9611165	22	39775250	0.000802327	0.048293174	1.00E-07
_G2FN/G2F	rs9611166	22	39775268	0.000802327	0.048293174	1.00E-07
_G2FN/G2F	rs9611167	22	39775583	0.000775387	0.050545087	1.00E-07
_G2FN/G2F	rs9611169	22	39783027	0.000533974	0.062936255	1.01E-07
_G2FN/G2F	rs9611170	22	39784845	0.000234556	0.080157391	5.58E-08
_G2FN/G2F	rs9611176	22	39838003	4.30E-05	0.146545097	2.86E-08
_G2FN/G2F	rs6001582	22	39806153	0.000331344	0.069360275	6.03E-08
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_G2n	rs10758195	9	33174587	0.48102216	6.44E-06	1.67E-07
_G2n	rs10813951	9	33128021	0.461349381	5.88E-06	1.25E-07
_G2n	rs10813957	9	33153527	0.451023996	7.99E-06	1.63E-07
_G2n	rs10971417	9	33121480	0.452591804	5.42E-06	1.06E-07
_G2n	rs10971434	9	33168891	0.482561834	4.58E-06	1.14E-07
_G2n	rs12342831	9	33124872	0.443440829	5.09E-06	9.02E-08
_G2n	rs1969977	9	33120203	0.376481567	4.63E-06	4.16E-08
_G2n	rs3780480	9	33163486	0.512025187	1.04E-05	3.75E-07
_G2n	rs3780486	9	33139453	0.453890719	6.85E-06	1.40E-07