

CHR	BP	SNP	A1	A2	N	P	P(R)	OR	OR(R)	Q	I ²
10	97112231	rs4918918	C	T	4	3.28E-06	3.28E-06	0.8456	0.8456	0.8086	0
10	97113875	rs955760	A	G	4	4.87E-06	4.87E-06	0.8513	0.8513	0.5216	0
10	97109039	rs7900095	C	T	4	5.58E-06	5.58E-06	0.8501	0.8501	0.8056	0
21	39943622	rs10854398	C	T	4	6.06E-06	6.06E-06	1.178	1.178	0.6215	0
10	97109583	rs7079293	C	T	4	6.19E-06	6.19E-06	0.8507	0.8507	0.7916	0
21	39947754	rs8132770	A	T	4	7.15E-06	7.15E-06	0.8559	0.8559	0.6162	0
10	30530710	rs2462021	C	T	4	8.30E-06	8.30E-06	1.1755	1.1755	0.4293	0
10	97106209	rs7076888	C	T	4	8.62E-06	8.62E-06	1.1696	1.1696	0.3939	0
10	30527766	rs1360550	A	G	4	8.95E-06	8.95E-06	0.8511	0.8511	0.43	0
2	46174598	rs12373805	A	G	4	9.20E-06	9.20E-06	1.2169	1.2169	0.912	0
10	30531413	rs2488010	A	G	4	1.00E-05	1.00E-05	1.1738	1.1738	0.4698	0
10	30536131	rs503598	A	G	4	1.04E-05	1.04E-05	0.8531	0.8531	0.5019	0
14	33759807	rs6571636	A	G	4	1.41E-05	1.41E-05	1.1704	1.1704	0.74	0
10	30507811	rs2488003	A	G	4	1.56E-05	1.56E-05	0.8559	0.8559	0.4251	0
2	46174837	rs10202504	C	G	4	1.60E-05	1.60E-05	0.8261	0.8261	0.903	0
2	46174384	rs2345955	C	T	4	1.69E-05	1.69E-05	0.8275	0.8275	0.8881	0
20	5197302	rs2038410	C	T	4	1.12E-06	1.89E-05	1.1933	1.1936	0.3164	15.1
8	1779092	rs11136435	A	G	4	2.11E-05	2.11E-05	1.1614	1.1614	0.508	0
1	4548433	rs504274	C	T	4	2.18E-05	2.18E-05	0.738	0.738	0.9341	0
10	30540273	rs2795863	A	G	4	2.54E-05	2.54E-05	0.8591	0.8591	0.4916	0
6	92134035	rs2180130	A	G	4	3.00E-05	3.00E-05	0.8635	0.8635	0.596	0
10	30497139	rs2488035	A	C	4	3.26E-05	3.26E-05	1.1646	1.1646	0.4269	0
10	30500212	rs2482828	A	G	4	3.29E-05	3.29E-05	1.1632	1.1632	0.4159	0
10	30512209	rs2795858	A	G	4	3.41E-05	3.41E-05	0.8614	0.8614	0.4415	0
10	30512398	rs1977583	A	G	4	3.42E-05	3.42E-05	1.1609	1.1609	0.4408	0
10	30510906	rs2505110	A	G	4	3.46E-05	3.46E-05	1.1609	1.1609	0.4817	0
2	46174610	rs10167555	G	T	4	3.47E-05	3.47E-05	1.2066	1.2066	0.8436	0
10	30517781	rs2482824	C	T	4	3.51E-05	3.51E-05	0.8616	0.8616	0.4199	0
10	30512779	rs2798907	A	G	4	3.54E-05	3.54E-05	0.8616	0.8616	0.4209	0
10	30508511	rs2505109	C	T	4	3.56E-05	3.56E-05	0.8616	0.8616	0.4739	0
10	30494239	rs2488034	A	G	4	3.74E-05	3.74E-05	1.1633	1.1633	0.4305	0
2	46176270	rs4953309	C	G	4	3.81E-05	3.81E-05	0.8365	0.8365	0.8024	0
10	30509940	rs1571957	C	T	4	4.14E-05	4.14E-05	1.1592	1.1592	0.4786	0
10	30514592	rs2798906	A	G	4	4.27E-05	4.27E-05	1.1588	1.1588	0.4561	0
10	30514493	rs2795859	C	T	4	4.28E-05	4.28E-05	0.863	0.863	0.4641	0
6	92125869	rs6910080	A	G	4	4.32E-05	4.32E-05	0.8661	0.8661	0.5847	0

10	30512070	rs2795857	C	G	4	4.85E-05	4.85E-05	1.1579	1.1579	0.468	0
10	30515649	rs2798920	A	G	4	4.86E-05	4.86E-05	1.1575	1.1575	0.452	0
10	30543585	rs2779068	G	T	4	4.93E-05	4.93E-05	1.1603	1.1603	0.5857	0
10	30543961	rs2689216	A	G	4	5.21E-05	5.21E-05	0.8623	0.8623	0.5881	0
10	30517210	rs2505112	C	T	4	5.43E-05	5.43E-05	1.1566	1.1566	0.4019	0
10	97076365	rs4542335	C	G	4	5.59E-05	5.59E-05	1.1653	1.1653	0.5374	0
6	92124822	rs7762541	C	T	4	6.13E-05	6.13E-05	1.1513	1.1513	0.5642	0
6	92118422	rs9353824	A	G	4	6.21E-05	6.21E-05	0.8687	0.8687	0.5936	0
8	1780249	rs10099567	A	G	4	6.81E-05	6.91E-05	0.8682	0.8682	0.3912	0.09
5	2547273	rs895658	C	T	4	7.52E-05	7.52E-05	1.1568	1.1568	0.4932	0
15	86366855	rs1381112	A	G	4	6.90E-05	7.81E-05	0.8122	0.8124	0.388	0.77
5	64018562	rs275828	A	G	4	8.40E-05	8.40E-05	0.8682	0.8682	0.4424	0
8	1778840	rs11136431	C	T	4	4.90E-05	8.57E-05	1.1563	1.1558	0.3748	3.56
5	2550120	rs1562414	A	G	4	9.32E-05	9.32E-05	0.8661	0.8661	0.473	0
2	46197239	rs12619351	G	T	4	9.83E-05	9.83E-05	0.8478	0.8478	0.4807	0
5	64017230	rs275829	A	T	4	0.0001103	0.0001103	0.8687	0.8687	0.4725	0
5	64047836	rs183917	C	T	4	0.0001144	0.0001184	0.8741	0.8742	0.3907	0.2
5	2511057	rs315892	C	T	4	0.0001187	0.0001187	0.8609	0.8609	0.5747	0
5	64055597	rs10075967	C	T	4	0.000119	0.000119	1.1436	1.1436	0.3927	0
10	97100869	rs6583995	C	T	4	0.0001217	0.0001217	1.1586	1.1586	0.4032	0
2	46181464	rs12477409	C	G	4	0.0001237	0.0001237	1.1759	1.1759	0.6654	0
5	64029942	rs275832	A	G	4	0.0001073	0.0001297	1.1448	1.1443	0.3866	1.08
2	46183371	rs1116246	A	G	4	0.0001311	0.0001311	1.1752	1.1752	0.6593	0
2	45964078	rs13431763	A	G	4	0.0001343	0.0001343	0.8511	0.8511	0.6322	0
2	46181374	rs12477342	C	T	4	0.0001348	0.0001348	0.8512	0.8512	0.6679	0
2	46185673	rs12712969	C	T	4	0.0001422	0.0001422	0.8516	0.8516	0.6506	0
6	48336297	rs2503674	C	T	4	0.0001474	0.0001474	0.8014	0.8014	0.5655	0
2	46187198	rs12712970	A	G	4	0.0001616	0.0001616	1.1715	1.1715	0.6838	0
2	45962449	rs11125041	C	T	4	0.0001633	0.0001633	1.1714	1.1714	0.5871	0
2	46196507	rs3768752	A	C	4	0.0001668	0.0001668	1.171	1.171	0.6605	0
20	5203899	rs996389	G	T	4	0.0001521	0.000174	1.1441	1.1441	0.3872	0.96
2	46193882	rs1375055	A	G	4	0.0001812	0.0001812	1.17	1.17	0.671	0
2	46192218	rs1597156	C	T	4	0.0001837	0.0001837	0.8549	0.8549	0.6725	0
5	2532789	rs10475154	G	T	4	0.0001859	0.0001859	0.8674	0.8674	0.535	0
9	19646396	rs16937690	A	G	4	0.0001906	0.0001906	1.1471	1.1471	0.5006	0
5	64066108	rs2610243	G	T	4	0.0001917	0.0001917	0.8769	0.8769	0.4191	0
5	64077497	rs188027	C	T	4	0.000194	0.000194	1.1387	1.1387	0.4247	0

17	11467738	rs16945089	C	G	3	0.0001941	0.0001941	1.273	1.273	0.8332	0
5	64088118	rs275823	C	T	4	0.0001949	0.0001949	1.1401	1.1401	0.4159	0
2	46182056	rs7568264	A	G	4	0.0001951	0.0001951	0.8519	0.8519	0.5786	0
5	64063348	rs4700651	A	T	4	0.0001956	0.0001956	0.8782	0.8782	0.4106	0
5	64076579	rs275820	G	T	4	0.0002059	0.0002059	0.8787	0.8787	0.4185	0
20	5210119	rs6107609	C	T	4	0.0002601	0.0002601	0.8771	0.8771	0.4523	0
3	141211649	rs16849682	C	T	3	0.0002724	0.0002724	0.6972	0.6972	0.4624	0
20	5203159	rs6038111	A	C	4	0.0001452	0.0002729	0.8737	0.8735	0.3694	4.69
6	127762249	rs6938872	G	T	4	0.0002506	0.0002768	0.7316	0.732	0.3888	0.6
5	64084924	rs7715910	C	T	4	0.0002928	0.0002928	0.8804	0.8804	0.4124	0
5	64072297	rs6449751	C	G	4	0.0002949	0.0002949	1.1344	1.1344	0.4074	0
2	45955645	rs12467641	A	T	4	0.0003114	0.0003114	1.1661	1.1661	0.4727	0
20	5211444	rs2326618	A	G	4	0.0003227	0.0003227	1.1378	1.1378	0.4241	0
5	64028945	rs182149	C	T	4	0.0001225	0.0003783	1.1435	1.1407	0.3588	6.87
2	123052210	rs1439838	A	T	4	7.70E-05	0.0003953	0.8644	0.8667	0.3396	10.67
5	2516858	rs6877519	A	G	4	7.24E-05	0.0004129	1.1609	1.1598	0.3288	12.76
20	5201641	rs6038108	C	T	4	0.0001351	0.0004218	0.8732	0.8727	0.3488	8.85
5	5754291	rs11134123	C	G	3	0.0004313	0.0004313	0.583	0.583	0.7763	0
8	127250276	rs2385523	A	C	4	0.0004694	0.0004694	0.863	0.863	0.5383	0
20	5202928	rs6038110	A	G	4	0.00016	0.0004973	0.8745	0.874	0.3482	8.98
1	167156181	rs17514245	A	G	4	0.0005025	0.0005025	1.2194	1.2194	0.4024	0
6	127666637	rs9401948	C	T	4	0.0003183	0.000525	0.7356	0.7377	0.3767	3.18
20	5202768	rs6038109	C	T	4	0.000159	0.000525	0.8745	0.8739	0.3455	9.51
6	127692809	rs9401949	C	T	4	0.0003082	0.0005271	1.3605	1.3562	0.3756	3.4
6	127691077	rs9372865	C	T	4	0.0003224	0.0005335	0.7358	0.738	0.3766	3.2
6	127720097	rs2073298	C	T	4	0.0003256	0.0005345	0.7353	0.7375	0.3768	3.15
6	127717884	rs6569485	C	T	4	0.0003266	0.0005422	0.736	0.7382	0.3764	3.23
6	127643410	rs9388559	A	G	4	0.0003675	0.0005565	1.3552	1.3518	0.3791	2.67
6	127697120	rs9372866	C	T	4	0.000316	0.0005716	1.3597	1.3549	0.3738	3.78
20	5204774	rs6515995	G	T	4	0.0001561	0.0005776	0.8743	0.8737	0.3408	10.45
2	55891570	rs6723695	C	T	4	0.0001111	0.0005852	1.3261	1.3186	0.335	11.56
5	159180592	rs17057166	C	T	3	0.0005856	0.0005856	1.3649	1.3649	0.6077	0
6	127698485	rs9375502	G	T	4	0.0003164	0.0005868	0.7355	0.7382	0.373	3.95
20	5204385	rs6053245	C	T	4	0.0001468	0.0005904	0.8738	0.8731	0.3373	11.13
9	20232344	rs10811336	A	C	4	0.0005982	0.0005982	1.1907	1.1907	0.5134	0
2	55889730	rs10196888	A	G	4	0.000106	0.0006126	0.7514	0.756	0.3323	12.08
6	127637134	rs9375498	A	G	4	0.0004025	0.0006208	1.3524	1.3489	0.3784	2.82

6	127643754	rs9401947	C	T	4	0.0003993	0.0006522	0.7405	0.7427	0.3765	3.22
6	127655994	rs6936084	A	G	4	0.000364	0.0006543	1.3554	1.3507	0.3737	3.81
6	127647360	rs7764180	A	C	4	0.000376	0.0006547	0.7383	0.7408	0.3746	3.61
6	127659891	rs9372863	A	G	4	0.000376	0.0006547	0.7383	0.7408	0.3746	3.61
6	127662563	rs761842	A	T	4	0.000376	0.0006547	0.7383	0.7408	0.3746	3.61
6	127642939	rs9372862	C	T	4	0.0003687	0.0006659	1.3551	1.3502	0.3735	3.85
6	127690339	rs4141423	C	T	4	0.0003808	0.0006666	0.7385	0.741	0.3744	3.65
6	127642888	rs9372861	C	T	4	0.0003726	0.0006688	0.7382	0.7408	0.3737	3.81
6	127744028	rs9385420	A	G	4	0.0003964	0.000684	0.738	0.7404	0.3749	3.56
6	127739111	rs9375505	C	T	4	0.0003812	0.0006869	1.3552	1.3503	0.3735	3.84
6	127688899	rs9375500	C	T	4	0.0003783	0.0006902	1.3543	1.3494	0.3731	3.93
2	55903459	rs13394642	A	G	4	0.0001485	0.0007057	0.7551	0.7594	0.3372	11.14
6	127638279	rs9388558	A	T	4	0.0003789	0.0007076	0.7384	0.7412	0.3723	4.09
6	127767426	rs6941233	A	G	4	0.0002304	0.0007488	0.7262	0.7315	0.355	7.61
20	5221382	rs2234397	A	G	3	0.0007701	0.0007701	0.8843	0.8843	0.3912	0
5	143534973	rs6887917	A	G	4	0.0003554	0.0008447	1.1391	1.1401	0.3495	8.72
6	127648042	rs9321072	C	T	4	0.0004497	0.0008528	0.7413	0.7442	0.3713	4.29
1	167157044	rs7530207	C	G	4	0.0006682	0.0008992	0.8229	0.8236	0.381	2.27
5	55358652	rs17348299	A	C	4	0.0009495	0.0009495	1.1739	1.1739	0.4061	0
2	123043417	rs6759289	A	C	4	0.0001149	0.001018	0.8676	0.871	0.3146	15.44
6	127754044	rs9401954	A	C	4	0.0005464	0.001046	0.746	0.7491	0.3706	4.45
5	2517882	rs13175490	A	G	4	4.85E-05	0.001087	1.1701	1.1657	0.274	22.81
2	55892233	rs7577580	G	T	4	0.0001796	0.001164	1.3184	1.3091	0.3219	14.07
4	9846004	rs877619	A	G	3	0.001188	0.001188	0.5091	0.5091	0.5525	0
10	97117254	rs6583997	C	T	4	0.000504	0.001254	0.8741	0.874	0.3485	8.93
1	167156031	rs17514217	A	T	4	0.0006895	0.00134	0.8233	0.825	0.3671	5.18
2	55901698	rs6759150	A	T	4	0.000216	0.001369	0.7603	0.7659	0.3214	14.17
5	2532446	rs10075636	C	T	4	0.0004468	0.001373	1.1501	1.1487	0.3446	9.7
10	115736409	rs17653713	C	T	4	2.07E-05	0.001377	0.7393	0.7347	0.1912	36.81
5	2527518	rs9312996	C	G	4	0.0004652	0.001398	1.1516	1.1497	0.3468	9.26
2	123035921	rs7573865	C	G	4	0.0001453	0.001423	1.1502	1.1454	0.3072	16.83
4	175712054	rs2877818	C	T	4	0.001461	0.001461	1.2219	1.2219	0.4167	0
5	2530430	rs10055939	G	T	4	0.000325	0.001462	1.154	1.1528	0.3265	13.2
2	123036498	rs9308638	G	T	4	0.0001463	0.001499	1.1501	1.1452	0.305	17.22
2	123038464	rs7581875	C	T	4	0.0001401	0.001514	0.8691	0.873	0.3031	17.58
2	123041003	rs6541834	G	T	4	0.0001401	0.001514	0.8691	0.873	0.3031	17.58
2	123058863	rs10864879	C	G	4	8.77E-05	0.001593	1.1566	1.1496	0.2875	20.41

1	110900289	rs903050	C	T	4	8.56E-05	0.001613	1.2584	1.2566	0.2585	25.52
2	123038857	rs1527255	A	C	4	0.0001468	0.001667	1.1501	1.1449	0.3001	18.13
14	55248246	rs12431962	A	G	4	0.0001539	0.001823	1.2436	1.2414	0.2784	22.03
2	123050723	rs2272315	A	G	4	9.55E-05	0.001871	0.8653	0.8707	0.2824	21.33
2	123035471	rs1561552	G	T	4	0.0001682	0.001902	1.1487	1.1434	0.2982	18.46
3	22438352	rs11129059	A	G	4	0.001936	0.001936	1.161	1.161	0.4193	0
14	55246612	rs2880396	A	C	4	0.0001508	0.001973	1.2444	1.2428	0.2709	23.35
2	123042613	rs11122916	C	T	4	0.0001622	0.002015	0.8703	0.8745	0.2942	19.2
4	175713571	rs10019035	C	T	4	0.001964	0.002048	1.2164	1.2164	0.3895	0.46
5	2517988	rs13156277	C	T	4	5.86E-05	0.002066	1.1656	1.1614	0.2442	27.97
13	89560729	rs7325881	C	T	4	0.0003498	0.002171	0.8504	0.8532	0.3143	15.51
14	55248459	rs12432019	C	G	4	0.000166	0.002175	1.2423	1.24	0.2708	23.37
14	55246211	rs8015301	C	T	4	0.0001528	0.00221	0.8027	0.8033	0.2625	24.81
2	123069387	rs2418570	A	G	4	9.12E-05	0.002255	0.8648	0.8703	0.2689	23.71
20	5207966	rs6085062	C	G	4	0.0001736	0.002256	1.1432	1.1458	0.2713	23.28
20	5207931	rs6085061	C	T	4	0.0001694	0.00226	0.8746	0.8725	0.2701	23.48
14	55245765	rs7152314	C	T	4	0.0001466	0.002285	0.8022	0.8029	0.2588	25.46
2	123045361	rs13425998	C	T	4	0.0001326	0.002309	1.1505	1.1426	0.2861	20.65
10	115728492	rs17653278	C	G	4	1.03E-05	0.002348	0.7291	0.721	0.126	47.56
2	123024644	rs1080548	C	T	4	0.0002039	0.002492	0.8722	0.8765	0.2913	19.73
3	22537241	rs4392438	C	T	4	0.0002175	0.002532	0.8559	0.8616	0.2955	18.97
2	123048824	rs999492	A	C	4	0.0001128	0.002575	0.8687	0.8753	0.2756	22.52
2	123061530	rs1304771	A	G	4	0.0001235	0.002838	1.153	1.1451	0.2697	23.56
2	123031238	rs11695611	C	T	4	0.0002279	0.002902	0.8743	0.8796	0.2921	19.57
2	123068787	rs10171928	C	T	4	0.0001133	0.002941	0.8657	0.8717	0.2627	24.78
4	82339936	rs984924	A	G	3	0.0007466	0.002963	0.7676	0.7681	0.305	15.78
20	5219710	rs910970	C	T	4	4.39E-05	0.002983	1.154	1.1626	0.1687	40.51
2	123031511	rs9308637	C	T	4	0.0002267	0.002988	0.8731	0.8776	0.2855	20.76
2	123091471	rs1918273	G	T	4	6.88E-05	0.002992	0.8618	0.869	0.2469	27.51
4	175714448	rs9998916	C	G	4	0.002024	0.003001	0.8216	0.8214	0.3707	4.43
2	123098289	rs1371489	C	T	4	6.06E-05	0.003041	0.8608	0.8683	0.242	28.35
13	89566249	rs9588875	A	T	4	0.0004212	0.003104	0.8522	0.8551	0.3017	17.84
2	123022799	rs10201094	C	G	4	0.000226	0.003226	0.873	0.8777	0.2816	21.46
2	123023527	rs2091427	C	G	4	0.0002592	0.003238	0.8741	0.8786	0.2865	20.58
10	115729399	rs17574901	C	T	4	1.41E-05	0.003294	0.7335	0.7245	0.1136	49.66
14	55251053	rs11621130	C	T	4	0.0002052	0.003592	0.8078	0.8093	0.246	27.66
2	123046194	rs10195812	C	T	4	0.0001584	0.003604	0.8706	0.8776	0.2697	23.56

13	89566889	rs9805500	C	T	4	0.0004579	0.003655	1.1722	1.168	0.2955	18.96
2	123048317	rs1527253	C	T	4	0.0001534	0.003742	1.149	1.1396	0.2668	24.07
2	123037185	rs766757	C	T	4	0.0002268	0.00376	0.873	0.878	0.2727	23.03
10	30537356	rs560559	A	G	4	0.0001623	0.003938	1.1609	1.1492	0.2741	22.79
12	94632343	rs4077227	C	T	4	0.001106	0.004118	0.874	0.8748	0.3215	14.15
2	123070752	rs1405604	A	G	4	0.0001272	0.00414	0.8697	0.8772	0.2539	26.3
20	5221314	rs6038126	C	T	4	3.89E-05	0.004287	1.1551	1.167	0.131	46.72
11	23675755	rs12280993	C	T	2	0.0009513	0.004434	2.9248	2.8415	0.2769	15.42
11	23672278	rs12283754	A	T	2	0.0009139	0.004719	2.9355	2.8458	0.2739	16.46
5	2532515	rs16869822	A	G	4	0.0006631	0.00484	1.1452	1.1427	0.2904	19.88
11	23669845	rs11027440	A	T	2	0.0008847	0.004957	0.3397	0.351	0.2715	17.29
11	23671438	rs12274900	C	T	2	0.0008847	0.004957	0.3397	0.351	0.2715	17.29
14	55252880	rs12587803	A	G	4	0.0002761	0.004985	1.2329	1.2288	0.2407	28.56
20	5222381	rs6053263	C	G	4	5.85E-05	0.005004	1.1526	1.1652	0.1289	47.07
13	45339540	rs4941534	A	T	4	6.44E-06	0.005027	0.6782	0.649	0.0771	56.16
2	123087692	rs1595755	C	T	4	0.0001122	0.005058	1.1511	1.1396	0.241	28.51
2	123075396	rs6753885	A	T	4	0.0001168	0.005092	1.1507	1.1393	0.2418	28.38
7	115977929	rs3815412	C	T	4	0.0007957	0.005137	1.1416	1.1368	0.3045	17.32
11	23669184	rs11027438	A	T	2	0.0008949	0.005154	2.9473	2.8502	0.2703	17.7
2	123083369	rs2043940	C	T	4	0.0001179	0.005371	1.1506	1.139	0.2392	28.82
11	23667238	rs11027436	C	T	2	0.0008611	0.005448	0.3381	0.3503	0.2675	18.65
11	23666708	rs12293501	A	G	2	0.0008767	0.005605	2.9589	2.8547	0.2668	18.89
11	23665756	rs11027434	C	T	2	0.0008729	0.005639	2.9601	2.8551	0.2665	19
2	123052783	rs10445851	G	T	4	0.0001869	0.005686	1.1458	1.1357	0.2494	27.07
20	5208540	rs2145083	A	G	4	0.0001467	0.005699	1.145	1.1522	0.1888	37.2
20	5203078	rs6116721	G	T	4	0.0003928	0.005756	0.8774	0.877	0.244	28
20	5209399	rs6116726	C	T	4	0.0003825	0.005848	1.1406	1.1406	0.2463	27.61
3	59331465	rs6446043	A	T	4	0.0007246	0.005929	0.8845	0.8908	0.3057	17.09
7	52133795	rs9690478	C	G	4	0.000516	0.006058	0.8607	0.8588	0.2423	28.29
2	106695948	rs1006472	A	C	4	0.0004637	0.006076	1.1452	1.1373	0.2766	22.34
12	94615189	rs12423171	A	G	4	0.00101	0.006333	0.8719	0.8729	0.2866	20.57
11	23662377	rs11027431	A	T	2	0.000889	0.006417	2.9736	2.8599	0.2619	20.56
22	17963106	rs5746794	C	G	4	0.002061	0.006653	0.8954	0.8957	0.3198	14.46
20	5209029	rs6038114	A	G	4	0.0001388	0.006748	0.8729	0.8663	0.1702	40.26
14	82831246	rs162637	C	T	4	0.001448	0.006871	0.8689	0.8732	0.3136	15.64
5	149554727	rs17652448	C	T	3	0.002578	0.006885	0.6545	0.6637	0.3467	5.61
12	94627360	rs12824729	A	G	4	0.001214	0.007147	1.143	1.1413	0.2893	20.08

11	23656340	rs12269913	A	C	2	0.0008733	0.007229	0.3344	0.3488	0.2567	22.27
20	5209132	rs6038115	A	G	4	0.0001298	0.007255	0.8724	0.8651	0.1597	41.98
12	94615484	rs17286390	A	T	4	0.001075	0.007639	0.8728	0.874	0.2757	22.5
12	94635249	rs17287370	A	G	4	0.00138	0.007743	0.8763	0.8774	0.2884	20.24
20	5209440	rs4384857	C	G	4	0.0001305	0.00793	0.8724	0.8646	0.1518	43.27
3	22446750	rs9852024	A	T	4	0.001907	0.00795	1.1691	1.1632	0.3185	14.71
20	5209206	rs4553880	C	T	4	0.0001414	0.007966	0.873	0.8654	0.1547	42.81
17	51900513	rs12945850	C	T	4	0.0004312	0.008013	1.1515	1.1416	0.2596	25.33
2	106705890	rs898457	A	G	4	0.0005072	0.008017	1.1441	1.1352	0.2633	24.68
12	94629965	rs10507059	C	T	4	0.001332	0.00806	0.8759	0.8771	0.2836	21.09
5	2522415	rs6880842	A	G	4	3.20E-05	0.008085	1.163	1.1548	0.1452	44.37
1	110896325	rs1281173	C	T	4	0.001393	0.008151	0.817	0.8181	0.2801	21.72
2	106707725	rs13393451	A	G	4	0.0004936	0.008176	0.8738	0.8809	0.2615	25
11	23649890	rs12294691	A	G	2	0.0009355	0.008329	0.3331	0.3483	0.252	23.79
2	106706061	rs898456	A	G	4	0.0005105	0.008486	0.8741	0.8812	0.2602	25.22
8	11156393	rs10503418	C	T	4	0.0002777	0.008532	1.1621	1.1762	0.175	39.48
5	2515225	rs11133949	A	G	4	0.0002875	0.008729	1.139	1.1325	0.2215	31.8
10	111992160	rs12412423	C	G	4	0.0009875	0.008788	1.2501	1.2591	0.2469	27.51
2	123098501	rs11684281	G	T	4	0.0001209	0.008821	0.8693	0.88	0.2113	33.49
10	112303893	rs7901527	A	G	4	0.001107	0.008844	0.8833	0.886	0.2747	22.68
2	106716044	rs11124131	A	C	4	0.0004416	0.008981	1.1445	1.1343	0.2537	26.35
17	51894034	rs1548809	C	T	4	0.0004768	0.009176	1.1503	1.1402	0.2542	26.26
17	51893701	rs9913702	C	T	4	0.0004743	0.009282	0.8693	0.877	0.2533	26.42
10	30516612	rs576505	C	T	4	0.000284	0.009352	1.1502	1.136	0.2472	27.46
7	82779344	rs10085746	T	C	3	0.0004455	0.009371	1.6925	1.7804	0.1435	48.5
5	2526843	rs3104229	C	G	4	2.96E-05	0.009532	1.1637	1.1537	0.1367	45.77
12	94624381	rs11108202	A	G	4	0.001293	0.009632	1.1422	1.14	0.2701	23.49
4	82313069	rs1546651	C	T	3	0.0006026	0.009658	0.7764	0.7795	0.2291	32.14
5	2506377	rs1908159	A	G	4	0.0003433	0.009802	1.136	1.1294	0.2226	31.61
6	29829284	rs2523407	C	G	4	0.0003847	0.01046	0.8447	0.8574	0.2518	26.68
2	106709532	rs13391600	C	T	4	0.0005841	0.01082	0.8754	0.883	0.2495	27.07
4	82333327	rs3733552	C	G	3	0.0005421	0.01115	0.7529	0.7563	0.2089	36.15
11	23678195	rs12277987	C	T	2	0.001344	0.01127	0.3329	0.3485	0.2454	25.88
10	112308514	rs6584994	C	G	4	0.001141	0.01128	0.881	0.8834	0.2523	26.58
3	22448847	rs11716879	A	T	4	0.002298	0.01131	1.158	1.1509	0.3077	16.72
4	182937652	rs12504073	A	C	4	0.0004632	0.01141	0.8803	0.8654	0.1135	49.68
17	51908311	rs8070836	C	T	4	0.0008407	0.01176	0.8748	0.8816	0.2587	25.48

17	51907580	rs1442831	A	T	4	0.000816	0.01214	1.1435	1.1344	0.2553	26.06
10	112017646	rs3793889	A	G	4	0.001232	0.01234	1.2507	1.2535	0.2388	28.89
20	5209578	rs4597612	G	T	4	0.0001171	0.01236	0.8715	0.859	0.0986	52.25
17	51911802	rs11653462	G	T	4	0.0008719	0.01269	0.8751	0.8822	0.255	26.12
6	155209126	rs9384246	C	T	3	0.0003802	0.01289	0.6207	0.6514	0.2847	20.4
8	3339206	rs10103966	C	G	4	0.000532	0.01326	1.1636	1.1626	0.1863	37.63
13	45339590	rs4942456	A	G	4	2.24E-05	0.01369	0.6923	0.6557	0.0409	63.68
10	111979315	rs17127166	A	G	4	0.001271	0.01393	0.7996	0.793	0.2192	32.18
17	51884770	rs7218500	C	T	4	0.0005648	0.0141	0.871	0.8798	0.2312	30.17
4	82337376	rs4149	C	T	3	0.0006824	0.01411	0.756	0.7593	0.2002	37.84
19	56890466	rs12462673	A	G	3	9.34E-06	0.01422	0.5674	0.5028	0.024	73.19
3	59332476	rs2366434	A	G	4	0.000909	0.01438	1.1272	1.1153	0.2642	24.52
7	52130574	rs4473990	A	G	4	0.001023	0.01466	0.8679	0.8651	0.1975	35.78
2	123106179	rs11897702	C	T	4	4.73E-05	0.01473	1.1615	1.1403	0.1555	42.68
7	52130379	rs4498494	A	G	4	0.001107	0.01489	1.15	1.1547	0.1975	35.79
10	30520525	rs6481661	C	T	4	0.0001449	0.01581	0.8635	0.8792	0.1954	36.12
4	82313093	rs1972127	A	G	3	0.0007979	0.0166	1.2831	1.2761	0.2031	37.26
13	45341521	rs17067329	A	T	4	3.07E-05	0.01687	0.6982	0.6642	0.038	64.4
13	45341888	rs7998666	G	T	4	3.21E-05	0.01706	1.4327	1.5166	0.0349	65.18
4	82314024	rs3943629	A	T	3	0.0008114	0.01724	0.7796	0.7839	0.2009	37.7
10	30526790	rs11007929	C	T	4	0.0001673	0.01781	0.8639	0.8802	0.1928	36.55
16	26204460	rs12443717	A	T	4	0.002338	0.01787	0.877	0.8838	0.2797	21.8
17	47289896	rs8076116	G	T	4	0.001502	0.01802	1.3178	1.3011	0.2389	28.86
5	2532184	rs10058639	A	G	3	0.0007471	0.0181	0.8701	0.8743	0.1906	39.66
3	22448096	rs9861611	C	T	4	0.002784	0.01836	1.1539	1.1456	0.2805	21.66
7	69791004	rs6946693	G	T	4	0.0008838	0.0186	1.1321	1.1666	0.0624	59
22	37038552	rs867198	C	T	4	0.004549	0.01892	0.798	0.8057	0.3151	15.35
13	45343013	rs7982931	C	T	4	3.87E-05	0.01924	1.4238	1.5083	0.032	65.93
11	19040692	rs12222200	C	T	4	0.00223	0.01941	0.8954	0.8621	0.0622	59.06
2	200960600	rs3769450	A	G	4	0.001514	0.01951	1.1275	1.126	0.21	33.72
11	23644504	rs1879036	A	G	2	0.001499	0.01998	2.8436	2.6724	0.2276	31.3
11	23641651	rs11027422	C	G	2	0.001492	0.02005	2.8447	2.6729	0.2274	31.38
5	2546280	rs2453814	A	C	4	0.0001917	0.02011	1.1406	1.1374	0.1171	49.06
17	51825310	rs4794639	A	G	4	0.0003365	0.02014	0.8628	0.8755	0.1909	36.87
11	23639466	rs7122399	C	G	2	0.001497	0.02019	0.3516	0.3743	0.2271	31.46
11	23644526	rs1879035	C	T	2	0.001454	0.02048	0.3506	0.3737	0.2255	31.92
11	23637818	rs12295501	C	G	2	0.001522	0.02052	2.845	2.6721	0.2265	31.64

5	2525928	rs6555113	A	T	4	4.29E-05	0.02065	1.1674	1.1554	0.0916	53.51
4	175716769	rs10520281	A	G	3	0.002138	0.02083	1.2286	1.2312	0.2162	34.71
8	3342219	rs1499682	A	T	4	0.0007761	0.02117	0.8647	0.864	0.1551	42.73
11	23645887	rs7114872	C	T	2	0.001337	0.02126	2.8689	2.6838	0.2216	33.06
6	17953140	rs9396812	A	G	4	0.001399	0.02146	0.8938	0.8572	0.0353	65.08
4	175716127	rs7671048	C	T	3	0.002364	0.02203	1.2261	1.2288	0.2163	34.69
10	30510832	rs473195	C	T	4	0.0001006	0.0223	0.8606	0.8797	0.164	41.28
4	82315844	rs10516650	A	C	3	0.001007	0.02248	1.2784	1.2717	0.1868	40.39
5	2534088	rs3112426	A	C	4	7.26E-05	0.02255	1.1565	1.1471	0.0948	52.92
10	30535057	rs10826770	A	G	4	0.0001361	0.02291	0.8623	0.8812	0.1716	40.04
5	2521375	rs924134	A	C	4	4.79E-05	0.02348	0.8617	0.8699	0.0835	54.96
10	30532611	rs2151114	A	G	4	0.000155	0.02354	1.1584	1.1338	0.1751	39.47
2	123108773	rs987707	C	T	4	2.16E-05	0.02358	1.1718	1.143	0.1086	50.51
17	51771638	rs8082579	G	T	4	7.72E-05	0.02393	0.8501	0.865	0.1197	48.62
4	82316475	rs10516651	C	T	3	0.001163	0.02411	0.7838	0.7873	0.1854	40.67
8	59543277	rs6471719	C	T	4	0.004522	0.02438	0.8927	0.8959	0.2703	23.46
4	82316801	rs10003341	A	C	3	0.001254	0.02469	0.7842	0.7873	0.185	40.74
4	82316860	rs10005912	G	T	3	0.001382	0.02489	1.2739	1.2698	0.187	40.37
17	51856204	rs2215759	A	G	4	0.0002815	0.02582	1.1622	1.1411	0.1714	40.07
20	46386093	rs6066696	A	T	4	0.0007842	0.02587	0.8783	0.8796	0.1491	43.72
2	123110041	rs17039782	C	T	4	1.96E-05	0.02595	0.8526	0.8752	0.1013	51.78
6	29820738	rs2844845	A	T	4	0.0006465	0.02612	1.1719	1.1507	0.2082	34.01
2	123110875	rs4848185	A	G	4	1.78E-05	0.02647	1.1738	1.1431	0.0982	52.33
10	111996476	rs716595	A	G	4	0.00202	0.02705	0.8087	0.8032	0.1799	38.67
1	38656605	rs6600426	A	G	4	0.0007462	0.02799	1.1672	1.2126	0.0333	65.6
13	45344451	rs17067344	C	T	4	6.70E-05	0.02815	0.7091	0.6655	0.0213	69.06
11	23636292	rs12292038	A	G	2	0.001071	0.02833	3.2369	2.9944	0.1832	43.55
17	51850895	rs9899359	C	G	4	0.000379	0.02868	1.1584	1.138	0.1729	39.82
8	59547229	rs6471720	A	G	4	0.004912	0.02883	0.8937	0.8968	0.2561	25.92
4	82319684	rs11099460	A	C	3	0.001632	0.02956	1.2705	1.2672	0.1773	42.19
7	148246576	rs7804456	C	T	4	0.001229	0.02972	1.1453	1.1702	0.0666	58.18
3	22206935	rs1994727	A	T	4	0.003928	0.02996	0.8772	0.883	0.2494	27.09
5	168156259	rs4867939	C	T	4	0.0009817	0.03038	1.1242	1.1328	0.0982	52.32
3	32247502	rs9813563	C	G	4	0.004039	0.03079	1.1417	1.132	0.2622	24.87
12	13267994	rs7962943	A	G	4	0.002104	0.03106	1.2496	1.3154	0.0845	54.78
13	45343085	rs7983269	A	G	4	9.72E-05	0.03149	0.7165	0.6686	0.0182	70.14
1	150047352	rs11588258	A	T	4	0.00166	0.03156	1.1921	1.2039	0.1359	45.91

12	13268178	rs7966096	C	T	4	0.002168	0.0326	0.7998	0.7602	0.0819	55.26
1	150047310	rs11588634	A	T	4	0.001483	0.0327	0.8371	0.8303	0.1309	46.74
5	149554979	rs17708892	A	G	3	0.003344	0.03314	1.5077	1.4434	0.3016	16.56
4	9887927	rs16895848	A	T	3	0.000614	0.0346	2.6334	2.3028	0.1941	39
5	2541341	rs1992827	C	T	4	0.0001258	0.0353	0.8689	0.8759	0.0744	56.66
21	40065876	rs2837202	A	T	4	0.0002497	0.03634	0.877	0.8891	0.1164	49.18
4	9892151	rs16895934	G	T	3	0.0005487	0.03678	2.6418	2.2957	0.1879	40.19
11	11073168	rs745231	C	T	3	0.0007694	0.03711	1.164	1.1374	0.2485	28.18
7	52134879	rs6965611	G	T	3	0.0009679	0.03721	0.8611	0.859	0.1167	53.46
8	3343653	rs2100119	A	G	4	0.001063	0.03777	1.151	1.1526	0.1098	50.32
3	124840968	rs1254403	A	C	4	0.0007755	0.03786	0.7742	0.7857	0.116	49.24
14	77087999	rs11159275	C	T	4	0.005001	0.03828	1.111	1.1734	0.0187	69.94
5	2563027	rs3099592	A	G	4	0.001516	0.03859	1.1209	1.1165	0.1512	43.38
4	82314170	rs1545287	A	G	3	0.001461	0.03901	1.2683	1.2612	0.1531	46.71
5	164229034	rs7723455	A	C	4	0.002599	0.04053	0.8852	0.8796	0.1254	47.66
10	91289457	rs11185747	A	T	2	0.00199	0.04229	1.8414	1.74	0.2225	32.82
17	51779870	rs1547966	C	T	4	0.0001114	0.04293	1.1722	1.1479	0.09	53.78
9	19654081	rs4258076	G	T	4	0.001569	0.04305	1.1242	1.1091	0.1893	37.12
17	51873068	rs7220133	C	T	4	0.0003202	0.04385	1.1595	1.135	0.1348	46.09
1	89361971	rs10922574	C	T	4	0.009713	0.04539	0.8849	0.8319	0.0379	64.41
8	120020186	rs3102725	A	G	4	0.001911	0.04564	1.2543	1.2653	0.1003	51.96
5	164230439	rs2962852	A	G	4	0.004158	0.04596	0.8906	0.889	0.1581	42.24
9	77922888	rs1467773	A	G	3	0.0008821	0.04755	1.2074	1.2194	0.0799	60.42
5	164230392	rs2962851	A	G	4	0.004329	0.04823	0.8911	0.8894	0.1544	42.85
5	141067873	rs17097481	C	T	4	0.004361	0.04827	1.1682	1.1537	0.2141	33.03
1	219585205	rs4465211	A	G	4	0.008567	0.04852	1.0989	1.1492	0.0287	66.85
17	51862430	rs7213627	G	T	4	0.0003816	0.04891	0.8632	0.8835	0.1363	45.84
12	115293528	rs6490059	C	T	4	0.005832	0.04903	1.2171	1.2074	0.214	33.04
7	52086483	rs10256394	C	T	4	0.0004993	0.04904	0.8638	0.8596	0.0499	61.62
1	219584095	rs6671621	C	G	4	0.008858	0.04908	1.0985	1.1489	0.0285	66.88
22	17962066	rs5992433	C	T	4	0.004432	0.04932	1.1046	1.1027	0.175	39.48
1	219588044	rs10863604	C	G	4	0.0088	0.04934	1.0986	1.1492	0.0278	67.1
1	89403309	rs2893089	G	T	4	0.01211	0.04942	1.1262	1.2021	0.0341	65.38
6	41399102	rs9462696	A	T	4	0.0003237	0.04967	0.8791	0.8923	0.0989	52.21
17	51868565	rs4793818	G	T	4	0.0002563	0.04985	1.1621	1.1346	0.1204	48.5
6	41398747	rs9471555	C	T	4	0.0003387	0.05	0.8794	0.8929	0.1011	51.81
3	63493882	rs1505600	C	G	4	0.0001053	0.05043	0.8444	0.8697	0.094	53.06

15	36725969	rs1122891	C	G	4	0.00456	0.05062	0.9054	0.9117	0.2094	33.82
4	132492216	rs1316758	C	T	4	0.001775	0.05078	1.365	1.4102	0.0616	59.17
10	124144159	rs17103488	C	T	4	0.002964	0.05086	0.8509	0.8642	0.1995	35.45
9	19652307	rs10811225	A	G	4	0.002302	0.05095	0.8966	0.9094	0.2018	35.07
11	15201694	rs1714336	C	T	4	0.008437	0.05096	0.9108	0.8799	0.0443	62.89
1	89277631	rs2149186	G	T	4	0.008458	0.05101	0.8787	0.8232	0.0281	67.01
6	29819726	rs2523386	A	G	4	0.001164	0.05272	1.163	1.1385	0.1715	40.04
7	82671810	rs1557787	C	T	3	0.003708	0.05283	0.6457	0.5732	0.0413	68.62
11	15203462	rs1714337	A	G	4	0.009253	0.05293	0.9118	0.8806	0.0436	63.04
14	82451964	rs7160795	C	T	4	0.001913	0.05308	0.8792	0.8893	0.1554	42.7
22	17961830	rs5993714	A	G	4	0.004672	0.05357	1.1039	1.1023	0.1663	40.9
2	126453217	rs10496652	A	G	4	0.007216	0.05502	0.8995	0.8679	0.0455	62.61
5	2561221	rs3112414	C	G	4	0.0009342	0.05516	1.126	1.1238	0.0778	56.02
4	132488079	rs11931096	C	T	4	0.002023	0.0552	0.7347	0.7104	0.0578	59.95
1	219578338	rs4313406	C	T	4	0.01152	0.05562	0.9133	0.8721	0.0255	67.75
1	219579859	rs6690986	C	T	4	0.01152	0.05562	0.9133	0.8721	0.0255	67.75
8	53656739	rs17329730	A	T	4	0.002968	0.05581	1.1115	1.1298	0.0569	60.13
4	182929362	rs12508055	A	G	3	0.001541	0.05587	1.1619	1.1989	0.0686	62.68
4	132486892	rs17051178	G	T	4	0.002095	0.056	1.3608	1.4072	0.0577	59.97
4	132501459	rs4585325	C	T	4	0.00224	0.05617	0.7371	0.7129	0.0597	59.56
7	52115801	rs11979834	A	G	4	0.0005475	0.05665	0.8647	0.86	0.0406	63.75
4	132508352	rs8180150	A	C	4	0.002366	0.05674	1.3533	1.3985	0.0611	59.27
11	15201097	rs1792556	G	T	4	0.011	0.05691	1.0944	1.1339	0.0422	63.37
13	31563969	rs17591593	C	G	4	0.01613	0.05728	1.096	1.1467	0.0377	64.46
8	120025500	rs3134061	A	T	4	0.002502	0.0575	1.2471	1.2591	0.0861	54.49
1	219590026	rs10863605	A	G	4	0.01126	0.05757	1.0993	1.1499	0.0274	67.21
4	132509434	rs17051181	C	T	4	0.002469	0.05786	1.3516	1.397	0.0606	59.37
1	219574484	rs6704485	C	G	4	0.01212	0.05804	1.0941	1.1466	0.0231	68.5
8	120025033	rs3134059	C	T	4	0.002509	0.05848	1.2479	1.2589	0.0859	54.52
4	182929319	rs12512046	G	T	3	0.001757	0.05899	1.1598	1.198	0.0658	63.25
22	17961946	rs5993715	G	T	4	0.005061	0.05914	1.103	1.1013	0.1582	42.24
8	120024531	rs3102726	A	T	4	0.002572	0.05915	0.8018	0.7946	0.0854	54.62
4	132486687	rs17051177	A	G	4	0.002374	0.05919	1.3547	1.4021	0.0562	60.27
8	120028459	rs3134062	A	G	4	0.002583	0.0594	0.8019	0.7948	0.0853	54.64
8	120025686	rs3102729	A	G	4	0.002552	0.05941	1.2474	1.2585	0.0848	54.73
8	120028570	rs3102731	A	G	4	0.002552	0.05941	1.2474	1.2585	0.0848	54.73
8	120029532	rs3134066	A	T	4	0.002507	0.05942	0.8014	0.7944	0.0839	54.89

8	120030619	rs3134067	C	T	4	0.002507	0.05942	0.8014	0.7944	0.0839	54.89
8	120031301	rs3102733	C	T	4	0.002523	0.05957	1.2476	1.2586	0.084	54.88
8	120031840	rs3134068	C	T	4	0.002488	0.05962	1.248	1.2589	0.0834	54.99
8	120033197	rs3102734	A	G	4	0.002488	0.05962	1.248	1.2589	0.0834	54.99
4	82301012	rs6828114	C	T	4	0.001851	0.05976	1.2469	1.2134	0.1741	39.62
4	132509387	rs8180189	C	T	4	0.002664	0.05982	0.7416	0.7172	0.0599	59.52
1	219574269	rs6704281	C	T	4	0.01289	0.05989	1.0933	1.1462	0.0221	68.8
4	132503523	rs1343670	C	T	4	0.002758	0.06018	1.346	1.3924	0.0602	59.46
17	51788210	rs9915451	A	G	4	0.000125	0.06023	1.1709	1.1377	0.0885	54.05
12	82371672	rs17010837	A	G	3	0.001342	0.06069	1.3773	1.3982	0.0617	64.1
13	98303633	rs9513497	C	T	4	0.0256	0.06108	1.0819	1.152	0.0131	72.13
7	84546498	rs13222785	A	G	4	0.005003	0.06119	1.1528	1.2417	0.0056	76.19
8	73172373	rs2587579	C	T	4	0.01208	0.06157	1.1117	1.16	0.035	65.14
8	73173101	rs2587580	C	G	4	0.01199	0.0618	0.9	0.8625	0.0345	65.27
4	132476044	rs11940669	C	T	4	0.002532	0.06185	0.7391	0.7138	0.0541	60.72
4	132508470	rs4146422	C	T	4	0.002994	0.06298	0.7437	0.719	0.0589	59.72
8	120025224	rs3134060	A	G	4	0.002808	0.06314	0.8039	0.7957	0.0797	55.67
4	132536774	rs11099102	C	T	4	0.00315	0.06321	1.3458	1.3858	0.0662	58.26
8	73175604	rs2701439	C	G	4	0.01319	0.06368	0.9001	0.862	0.0338	65.45
8	120034205	rs3134070	C	T	4	0.002679	0.06397	0.8026	0.7958	0.0793	55.74
4	132537559	rs11936773	G	T	4	0.003289	0.06421	0.7435	0.7221	0.0663	58.24
6	29810185	rs2844833	C	G	3	0.0009201	0.0645	0.804	0.8369	0.231	31.75
8	120034169	rs3134069	A	C	4	0.002725	0.06494	0.8029	0.796	0.0782	55.94
8	120035902	rs3134073	A	G	4	0.002723	0.06496	0.8029	0.7964	0.0789	55.82
9	7904008	rs10815714	C	T	4	0.002873	0.06501	1.1809	1.2027	0.0508	61.43
8	120037209	rs12386956	A	G	4	0.002709	0.06522	1.2456	1.2557	0.0784	55.91
1	176952870	rs2811280	A	G	4	0.0008286	0.06528	1.1299	1.1067	0.1414	45.01
8	120034718	rs3134072	C	T	4	0.002748	0.06548	0.803	0.7962	0.078	55.98
4	136728154	rs13146643	A	G	4	0.007011	0.06576	0.8913	0.8938	0.1662	40.92
17	51864068	rs980080	C	T	4	0.0004076	0.06615	0.8638	0.8863	0.1126	49.83
4	136728035	rs13122550	C	T	4	0.006909	0.06636	1.1222	1.119	0.1642	41.25
8	73174272	rs2701441	A	G	4	0.01551	0.06679	0.9024	0.8638	0.0345	65.26
8	120038338	rs4876872	A	G	4	0.002723	0.0668	0.803	0.7966	0.0761	56.34
4	82302241	rs11722020	C	T	4	0.00208	0.06681	1.2451	1.2103	0.169	40.46
4	132412751	rs17051170	A	C	4	0.001843	0.06687	1.3799	1.4529	0.0283	66.96
4	132421378	rs10006868	C	G	4	0.001819	0.06698	0.7244	0.6878	0.0277	67.12
4	132412892	rs17051172	C	T	4	0.001865	0.06703	1.3794	1.4525	0.0283	66.96

8	120039201	rs4876873	A	C	4	0.002753	0.06704	1.245	1.2549	0.0763	56.31
4	132550197	rs11945624	A	G	4	0.003563	0.06722	1.3406	1.3816	0.064	58.69
17	51864305	rs10852984	A	G	4	0.0004122	0.06726	1.1575	1.1281	0.1113	50.05
8	120041852	rs12335174	G	T	4	0.002746	0.06736	0.8031	0.7969	0.0759	56.39
7	84545533	rs7809347	A	G	4	0.006094	0.06739	0.8703	0.8077	0.005	76.66
4	132409675	rs12641606	C	T	4	0.001956	0.06743	1.3789	1.451	0.0292	66.68
8	120042745	rs17758011	G	T	4	0.00281	0.06744	1.2445	1.2542	0.0767	56.23
4	132410530	rs11947432	A	G	4	0.001997	0.06777	1.378	1.4503	0.0293	66.68
1	89290783	rs2296883	A	G	4	0.02007	0.06782	1.1111	1.1699	0.0457	62.56
4	132422269	rs11941498	C	T	4	0.001647	0.06787	1.3842	1.458	0.025	67.92
4	132424433	rs17051173	C	T	4	0.001648	0.06824	1.3841	1.4583	0.0246	68.04
4	82312214	rs1517547	C	T	2	0.001023	0.06825	0.7774	0.7807	0.0769	68.04
4	132426397	rs2861393	A	G	4	0.001679	0.06859	1.3834	1.4576	0.0246	68.04
4	132565936	rs12648650	A	C	4	0.003585	0.06894	0.7449	0.7231	0.0619	59.11
21	42619764	rs225424	A	G	4	0.008243	0.06898	1.1019	1.1037	0.1483	43.86
4	136726126	rs7662409	C	G	4	0.007048	0.06916	0.8914	0.8943	0.1616	41.67
8	73169428	rs1530402	A	G	4	0.01686	0.06916	1.1081	1.157	0.0357	64.97
4	132404922	rs9992638	A	T	4	0.002232	0.0692	0.7281	0.6915	0.0301	66.44
7	84537323	rs6966472	C	T	4	0.00565	0.06939	1.1502	1.2352	0.005	76.66
8	73170538	rs2701449	C	T	4	0.0176	0.06945	0.903	0.865	0.037	64.64
4	136725872	rs13131704	A	T	4	0.007104	0.06955	0.8915	0.8945	0.1617	41.66
7	84540088	rs6957484	G	T	4	0.005776	0.06964	0.8696	0.8092	0.0049	76.75
4	74413190	rs4694161	A	G	4	0.01015	0.06971	1.3005	1.4144	0.0326	65.77
6	29816396	rs2517941	C	G	4	0.001363	0.06979	0.8615	0.8823	0.1546	42.82
4	136725857	rs12643192	C	G	4	0.007161	0.06996	0.8916	0.8946	0.1618	41.65
7	84534250	rs16887821	C	G	4	0.005698	0.07002	1.1492	1.2334	0.005	76.62
4	74411672	rs6821554	A	G	4	0.01221	0.07013	1.2969	1.421	0.0336	65.5
4	136728247	rs13122996	A	T	4	0.007434	0.07034	1.1211	1.118	0.1602	41.9
13	74984164	rs17064600	C	T	3	0.001028	0.07042	0.8689	0.8858	0.1269	51.55
1	89290761	rs2296882	A	T	4	0.02202	0.07049	1.11	1.1693	0.0451	62.7
12	2779406	rs3021522	C	G	4	0.002187	0.07075	0.7589	0.7907	0.1804	38.59
4	132410710	rs10518587	G	T	4	0.002325	0.07076	1.3705	1.4437	0.0292	66.69
4	132429544	rs2861394	A	G	4	0.00187	0.07087	1.3757	1.4509	0.0243	68.13
7	84542645	rs2286192	C	T	4	0.006318	0.07091	1.1486	1.2364	0.0048	76.81
3	124831466	rs820446	C	T	4	0.00164	0.07116	1.2687	1.2581	0.0681	57.88
8	73171160	rs1443942	A	C	4	0.01884	0.07121	0.904	0.8658	0.0369	64.67
20	8465895	rs2179441	A	C	3	0.005354	0.07126	0.8716	0.8259	0.0491	66.82

4	74412327	rs6446920	C	T	4	0.01077	0.07136	1.3013	1.4163	0.0323	65.84
4	74419872	rs4336191	C	T	4	0.01024	0.07136	1.3027	1.4184	0.0308	66.25
18	48362228	rs4940191	A	G	4	0.00441	0.07142	0.8662	0.8655	0.1166	49.14
4	132434465	rs4624669	A	G	4	0.001321	0.0715	0.718	0.68	0.018	70.21
7	84529379	rs16887818	C	G	4	0.005795	0.0715	0.8737	0.8252	0.0095	73.81
17	47371272	rs1501259	A	T	4	0.007544	0.0715	0.7383	0.7501	0.1688	40.5
4	74415477	rs6446922	A	G	4	0.01092	0.07158	0.7694	0.7062	0.0318	65.97
11	10833019	rs2232918	A	G	4	0.001726	0.07176	0.8106	0.8234	0.1051	51.13
8	73171725	rs1838285	C	T	4	0.01928	0.07181	0.9044	0.866	0.0368	64.69
4	1664607	rs8051	C	T	3	0.0001863	0.07188	1.1556	1.1267	0.0856	59.31
8	73168913	rs2701450	A	T	4	0.0188	0.07195	0.904	0.8654	0.0353	65.06
7	84530877	rs2240394	C	T	4	0.005749	0.07218	1.1455	1.2123	0.0096	73.77
2	40152968	rs6544307	T	C	3	0.006001	0.07221	1.1532	1.2797	0.0082	79.17
11	10831170	rs2232928	A	G	4	0.001745	0.07225	1.2334	1.2141	0.1049	51.16
4	74418309	rs4274815	A	T	4	0.01099	0.07286	1.2994	1.4147	0.0314	66.1
4	132437567	rs10008591	C	T	4	0.001341	0.07301	0.7183	0.6809	0.0177	70.33
21	33332334	rs2834072	A	G	4	0.003881	0.07307	0.9042	0.8783	0.0175	70.39
8	73175388	rs2701440	C	T	4	0.02013	0.07319	1.1037	1.1539	0.0344	65.29
1	89290506	rs12408132	C	T	4	0.02455	0.07357	0.9014	0.8529	0.0397	63.97
21	33329836	rs743331	C	T	4	0.003938	0.07362	1.1058	1.1363	0.0197	69.6
6	29817265	rs2743950	C	T	4	0.001379	0.07387	0.8617	0.883	0.1491	43.72
1	89290653	rs1048848	C	G	4	0.02445	0.07391	0.9025	0.8564	0.0442	62.91
8	26559908	rs4076071	C	T	4	0.01204	0.07415	1.1555	1.2269	0.0297	66.54
8	10719627	rs7005531	A	G	4	0.01378	0.07454	0.9048	0.8729	0.0476	62.15
8	10717307	rs2409651	C	T	4	0.01387	0.07465	1.1051	1.1457	0.0476	62.15
4	74419733	rs4408930	A	G	4	0.01183	0.07522	1.2953	1.4113	0.0307	66.29
13	98305163	rs4772149	C	T	4	0.0273	0.07569	1.0817	1.1369	0.0214	69.05
1	89290398	rs6675866	C	T	4	0.02562	0.07571	1.1071	1.1672	0.043	63.2
13	98311123	rs9517467	A	C	4	0.03697	0.07578	0.928	0.8741	0.0142	71.67
10	80752296	rs11002926	A	C	4	0.01604	0.07584	1.1041	1.1663	0.0174	70.4
4	136727429	rs13145036	A	G	4	0.007593	0.07617	0.8923	0.8952	0.152	43.26
7	84530345	rs4461846	C	T	4	0.006508	0.07618	0.8747	0.8261	0.009	74.1
15	46652089	rs12915677	C	T	4	0.004047	0.07621	0.8838	0.8826	0.0937	53.13
13	98300600	rs2296991	C	T	4	0.0185	0.07633	0.8903	0.8047	0.0013	80.93
4	74420504	rs4345145	C	T	4	0.01191	0.07662	0.7722	0.7077	0.0287	66.84
4	132578708	rs12649130	C	G	4	0.004418	0.07678	0.7499	0.727	0.058	59.91
4	82292319	rs3733550	C	T	4	0.002288	0.07694	0.8057	0.8298	0.1571	42.41

8	10721186	rs2271356	A	T	4	0.01484	0.07784	0.9052	0.8719	0.043	63.2
13	98288560	rs7333687	A	G	4	0.03144	0.07791	0.9277	0.8776	0.014	71.73
3	124839727	rs820463	A	G	4	0.002085	0.07795	0.8006	0.798	0.0526	61.04
13	98293824	rs913560	A	G	4	0.03117	0.07839	0.9275	0.8768	0.0131	72.11
6	28316514	rs1150711	C	T	4	0.02655	0.07868	0.9164	0.8658	0.0206	69.29
15	58798563	rs2414680	A	G	4	0.01592	0.07874	1.1063	1.2309	0.0004	83.69
13	98302606	rs7321357	C	T	4	0.02705	0.07881	0.8967	0.8068	0.0015	80.56
13	98305323	rs4772150	C	T	4	0.03646	0.07893	1.0779	1.1334	0.0257	67.71
8	10720735	rs7824384	A	C	4	0.0154	0.07931	1.1041	1.1451	0.0453	62.67
4	136735906	rs7692855	C	T	4	0.007584	0.07941	0.8909	0.8886	0.1273	47.34
15	58797094	rs17303111	C	T	4	0.01594	0.07992	0.906	0.815	0.0003	84
13	98286664	rs9300518	C	T	4	0.03333	0.08006	1.0783	1.1414	0.0128	72.25
10	3888018	rs17135903	C	T	3	0.002374	0.08009	0.5193	0.4382	0.029	71.75
6	29818607	rs730858	A	G	4	0.001514	0.08055	1.159	1.1305	0.144	44.57
2	26381302	rs11902679	C	T	4	0.006007	0.08078	0.7273	0.6854	0.0372	64.58
4	82313570	rs11933194	C	T	3	0.002506	0.08092	0.8009	0.8041	0.0975	57.05
4	132482173	rs1911882	C	T	4	0.004552	0.08112	1.3414	1.3868	0.0509	61.42
8	73179080	rs2701437	A	G	4	0.01276	0.0812	0.8982	0.8602	0.0207	69.27
4	136726319	rs7667350	A	G	4	0.00802	0.0813	0.893	0.8958	0.1458	44.27
4	74453060	rs6844516	A	T	4	0.009836	0.08142	1.3024	1.4174	0.0223	68.75
4	74496772	rs16849331	G	T	4	0.008304	0.08178	0.7671	0.7084	0.0213	69.08
8	10722996	rs10109550	G	T	4	0.01706	0.0819	1.1024	1.1456	0.0416	63.52
2	6432676	rs11899039	A	T	4	0.01287	0.08194	1.1713	1.2286	0.0384	64.29
6	29817819	rs2517938	C	T	4	0.001556	0.08217	1.1586	1.13	0.143	44.73
8	73175792	rs2701438	G	T	4	0.01254	0.08229	1.1137	1.1622	0.0205	69.33
15	36725309	rs10438404	G	T	4	0.006016	0.08263	0.9077	0.9164	0.1729	39.81
21	33331127	rs12233311	A	G	4	0.005049	0.08265	1.1028	1.1322	0.0194	69.7
20	8465451	rs2423366	A	G	3	0.004998	0.0831	0.8679	0.7983	0.0151	76.15
2	26379923	rs6753473	G	T	4	0.004746	0.08347	1.3859	1.456	0.0349	65.17
8	10723495	rs6989846	C	T	4	0.01793	0.08375	1.1016	1.1453	0.0402	63.85
13	98301752	rs9582269	A	G	4	0.03253	0.084	1.107	1.2121	0.0031	78.38
20	8464695	rs2423364	C	T	3	0.003887	0.08431	0.8643	0.7982	0.0149	76.24
2	40172384	rs12151560	C	T	3	0.003658	0.08456	1.148	1.3297	0.0004	87.4
19	38737515	rs1864132	A	G	4	0.005565	0.0848	0.86	0.8658	0.1345	46.15
4	136739233	rs2089184	C	G	4	0.009507	0.08508	0.8953	0.8982	0.1519	43.27
4	74455492	rs7675336	A	G	4	0.01136	0.08563	0.7718	0.7085	0.022	68.83
4	74460813	rs16849293	A	G	4	0.01143	0.08591	0.77	0.7068	0.0221	68.8

16	16026525	rs246240	A	G	4	0.01266	0.08592	1.1287	1.2036	0.0115	72.85
8	73172159	rs2587578	A	G	4	0.01515	0.08627	1.1103	1.1591	0.0212	69.12
11	32223969	rs11031664	C	T	4	0.002053	0.08681	1.1302	1.1101	0.1267	47.45
4	136730370	rs2035291	C	G	4	0.008943	0.08797	1.1181	1.1152	0.1383	45.51
6	14489463	rs7748589	A	G	4	0.006548	0.08824	0.9089	0.9034	0.0821	55.22
3	71412562	rs4613421	C	G	4	0.009749	0.08876	0.9072	0.915	0.1959	36.05
12	13259589	rs2069086	G	T	4	0.008183	0.08924	0.8279	0.7763	0.0249	67.95
21	40082808	rs2837220	C	T	4	0.000517	0.0894	1.1313	1.131	0.021	69.16
6	121574075	rs9490138	C	T	4	0.001623	0.08973	1.1568	1.1224	0.1571	42.41
4	74514655	rs16849372	A	T	4	0.01063	0.08975	1.2925	1.4002	0.0209	69.19
16	47659380	rs2967303	C	G	4	0.006425	0.09005	0.9067	0.9009	0.0737	56.79
13	28458146	rs1570309	A	G	4	0.006237	0.09031	0.8572	0.8491	0.0645	58.6
10	24662335	rs10741051	A	G	4	0.02911	0.09067	1.1015	1.1848	0.0057	76.09
11	10824525	rs771377	C	G	4	0.00226	0.09131	1.228	1.2082	0.0882	54.12
4	132440597	rs10018289	A	G	4	0.003037	0.0914	1.3528	1.4353	0.0164	70.79
2	40169977	rs12614752	G	T	3	0.004786	0.09164	1.1472	1.3207	0.0004	87.2
8	73172073	rs2701444	C	T	4	0.01848	0.09172	0.9035	0.8648	0.021	69.18
10	124167869	rs17103522	C	T	4	0.004929	0.0918	0.8562	0.8729	0.1606	41.83
4	136723916	rs1842259	A	G	4	0.01073	0.09209	0.8974	0.8998	0.147	44.07
8	10715391	rs1544980	C	T	4	0.01954	0.0922	0.902	0.8558	0.0196	69.65
4	136736073	rs13142176	C	T	4	0.009838	0.09221	1.1165	1.1143	0.1349	46.08
11	10826485	rs2687489	A	G	4	0.002342	0.09249	1.2271	1.2075	0.088	54.15
7	122420709	rs1525489	A	G	4	0.01741	0.09253	0.8281	0.7825	0.0362	64.84
13	98301534	rs2026026	C	T	4	0.04111	0.09265	1.1014	1.2093	0.0024	79.2
8	10713033	rs2052963	G	T	4	0.01741	0.0929	1.102	1.1421	0.0379	64.41
13	21757616	rs2038712	C	T	4	0.006017	0.09362	0.9052	0.9006	0.0722	57.08
4	136737904	rs6816076	A	G	4	0.009808	0.09368	0.8956	0.8976	0.133	46.39
8	10720537	rs7840785	C	T	4	0.01934	0.09404	1.0968	1.1408	0.03	66.48
11	10832929	rs2232919	C	T	4	0.002316	0.09426	0.8154	0.8265	0.0793	55.74
1	74129798	rs2789708	A	T	4	0.02184	0.09436	1.0842	1.1605	0.0018	80.05
4	136724400	rs1479789	A	G	4	0.009228	0.09447	1.1175	1.1137	0.1339	46.25
8	73171999	rs2701445	G	T	4	0.02041	0.09472	1.1051	1.1549	0.0209	69.21
1	74129950	rs2792075	C	T	4	0.02226	0.09492	0.9226	0.8618	0.0018	80.09
4	135192004	rs12642075	A	G	4	0.02713	0.09506	0.9128	0.8722	0.0328	65.72
4	136734593	rs11944567	C	T	4	0.01017	0.09521	1.116	1.1134	0.1342	46.19
2	133199169	rs4953986	C	T	4	0.0009475	0.09534	1.1326	1.1163	0.0639	58.7
8	73197756	rs4614034	C	T	4	0.0254	0.09544	0.9075	0.8686	0.0265	67.46

8	26555006	rs4733048	C	T	4	0.01816	0.09558	0.8731	0.8261	0.0286	66.87
14	31527742	rs10132087	C	T	4	0.007038	0.09568	1.1298	1.1274	0.105	51.14
3	41535096	rs1495693	C	T	4	0.01223	0.09574	1.1978	1.2445	0.0393	64.06
2	209868043	rs6752290	C	T	4	0.007986	0.09581	1.1198	1.1098	0.1559	42.61
16	26198350	rs12925611	C	T	4	0.0006838	0.09587	0.866	0.8918	0.1001	51.99
3	124836431	rs1254401	C	G	4	0.002463	0.09604	1.2492	1.2494	0.0421	63.41
21	32322781	rs9977744	C	T	4	0.005581	0.09627	0.8709	0.8813	0.1287	47.11
11	10829758	rs7925687	C	T	4	0.002486	0.0963	0.8165	0.8292	0.0844	54.8
4	136728703	rs13101421	C	T	4	0.009722	0.0968	0.8955	0.8978	0.1292	47.02
8	10708670	rs6995541	A	G	4	0.0151	0.09686	1.1037	1.1394	0.0352	65.1
3	41535386	rs1795312	A	T	4	0.01298	0.09698	1.1959	1.2428	0.04	63.89
3	41542696	rs1565960	A	G	4	0.01319	0.09713	1.1947	1.2425	0.0395	64.02
8	73193049	rs4467976	A	G	4	0.02786	0.09717	1.0995	1.1494	0.0271	67.28
8	73191306	rs4738207	A	G	4	0.02398	0.09719	0.9078	0.8692	0.0243	68.12
8	73185849	rs16938030	C	T	4	0.02226	0.09726	1.1029	1.1514	0.0229	68.55
8	12770433	rs13272401	G	T	3	0.0002785	0.09754	1.8427	1.647	0.1014	56.32
16	16022393	rs246214	C	T	4	0.01675	0.09768	1.1238	1.1982	0.0106	73.25
4	136734221	rs11099350	A	G	4	0.01044	0.09803	1.1155	1.113	0.1313	46.67
4	135194503	rs1565911	G	T	4	0.02904	0.09821	1.0943	1.1465	0.0304	66.37
4	136730572	rs2035292	A	G	4	0.0102	0.0985	1.1159	1.1133	0.129	47.05
9	76896764	rs2376398	C	T	4	0.0734	0.09864	0.9359	0.8792	0.0163	70.84
3	41534618	rs1631168	A	C	4	0.01368	0.09889	1.1943	1.2415	0.0398	63.96
12	123620722	rs6488934	A	T	3	0.002045	0.09897	1.2701	1.2732	0.056	65.31
3	124833978	rs1254397	C	T	4	0.002622	0.09925	0.8016	0.8011	0.0405	63.78
4	135184692	rs10021844	A	G	4	0.03178	0.09927	0.9152	0.8757	0.0373	64.56
10	124149040	rs4565845	A	C	3	0.003347	0.0993	1.1826	1.1658	0.1109	54.53
2	133207895	rs4953987	A	G	4	0.001022	0.09946	0.8844	0.897	0.0617	59.16
8	73191692	rs4738208	C	T	4	0.02802	0.09982	1.0994	1.1487	0.0262	67.55
8	73191724	rs4738209	A	C	4	0.02824	0.09983	1.0993	1.1483	0.0268	67.37
4	136740519	rs11737477	G	T	4	0.01097	0.1001	0.8972	0.9001	0.1364	45.83
18	48343516	rs1550567	A	G	4	0.006729	0.1002	0.8722	0.8708	0.091	53.61
4	132454388	rs9995748	C	T	4	0.003742	0.1003	1.3415	1.4043	0.0216	68.97
2	133209220	rs984521	A	G	4	0.0007894	0.1004	0.8811	0.8943	0.0519	61.2
16	24389161	rs3096190	A	C	4	0.03478	0.1005	1.0792	1.1247	0.0234	68.41
1	74232437	rs4650237	G	T	4	0.02328	0.1006	0.9197	0.864	0.0033	78.11
13	98297352	rs7986477	A	G	4	0.05163	0.1007	0.9116	0.8333	0.0032	78.25
2	40174693	rs917977	C	T	3	0.007471	0.1009	1.1357	1.3261	0.0002	88.3

4	136732580	rs2016168	C	T	4	0.01073	0.1009	1.1151	1.1126	0.1285	47.15
4	136733600	rs11723306	C	T	4	0.01073	0.1009	1.1151	1.1126	0.1285	47.15
6	99026958	rs1494770	C	T	4	0.0006625	0.101	0.7169	0.7566	0.0641	58.66
4	136724155	rs1479787	C	T	4	0.00996	0.1012	0.8958	0.899	0.1289	47.08
4	136732373	rs1038152	A	T	4	0.01056	0.1012	0.8966	0.8987	0.1269	47.41
1	212361177	rs1660375	A	G	4	0.002202	0.1013	1.3781	1.2943	0.1606	41.84
7	84576431	rs1029563	G	T	4	0.04518	0.1014	1.0842	1.1448	0.0206	69.31
10	114466456	rs11196072	C	T	4	0.004632	0.1016	1.2093	1.1915	0.1139	49.62
4	136723951	rs2127459	G	T	4	0.01004	0.1018	0.8959	0.8992	0.1289	47.07
1	91987216	rs284170	C	T	4	0.008224	0.1019	1.1458	1.1648	0.0564	60.25
2	133195447	rs6736839	C	T	4	0.002053	0.102	1.1148	1.1181	0.0327	65.74
4	136731046	rs7694930	A	C	4	0.01065	0.102	0.8967	0.8989	0.1267	47.45
1	58233385	rs11207145	A	G	3	0.002621	0.1022	2.0312	2.0041	0.0655	63.3
4	136723423	rs2054506	C	G	4	0.01011	0.1023	0.896	0.8993	0.129	47.06
3	41611668	rs17059208	C	G	4	0.007932	0.1024	0.796	0.7563	0.0216	68.97
4	74412384	rs6446921	A	G	4	0.02847	0.1025	1.2351	1.3612	0.0255	67.75
11	34519515	rs836123	C	T	4	0.002853	0.1027	0.8164	0.829	0.0837	54.94
11	32223435	rs1033627	A	G	4	0.001123	0.1035	0.8852	0.9017	0.0767	56.22
4	136724188	rs1479788	A	T	4	0.01015	0.1036	0.8961	0.8992	0.126	47.56
2	98792270	rs1356424	C	T	4	0.004806	0.1037	0.8983	0.8988	0.0693	57.64
4	136733042	rs11935087	A	G	4	0.01084	0.1041	0.8969	0.899	0.1241	47.88
13	98294942	rs9582266	A	G	4	0.05857	0.1041	0.9144	0.8382	0.0041	77.38
4	136731472	rs7654065	A	C	4	0.01076	0.1042	1.115	1.1125	0.1234	47.99
4	136722856	rs11935664	C	T	4	0.01029	0.1043	0.8963	0.8995	0.1264	47.49
4	136723371	rs2054505	C	T	4	0.01029	0.1043	0.8963	0.8995	0.1264	47.49
11	32207041	rs2418582	A	G	4	0.001605	0.1043	1.1255	1.1045	0.0952	52.85
1	97696087	rs7531138	A	T	4	0.07793	0.1044	0.9379	0.8645	0.0027	78.77
21	32336948	rs9982468	C	T	4	0.005404	0.1044	1.1488	1.1358	0.1114	50.04
4	135194459	rs1565912	A	G	4	0.03522	0.1046	0.9168	0.8748	0.0311	66.17
1	74227364	rs11210390	C	T	4	0.02417	0.1047	1.0867	1.156	0.0031	78.33
4	135195163	rs2421069	C	T	4	0.03192	0.1047	1.0928	1.144	0.0298	66.53
4	136722879	rs11940405	G	T	4	0.01026	0.1047	1.1158	1.1118	0.1258	47.59
5	153749486	rs13154706	C	T	4	0.04849	0.105	0.921	0.8618	0.0102	73.45
6	40752262	rs11962303	A	C	4	0.006777	0.1051	1.1217	1.1438	0.031	66.2
7	20862587	rs17143423	A	G	4	0.007407	0.1059	0.8807	0.8822	0.0939	53.09
4	132446415	rs12641562	A	C	4	0.003393	0.1066	0.7427	0.7093	0.0166	70.7
7	84598360	rs2159575	C	T	4	0.05053	0.1066	0.9225	0.8729	0.0195	69.67

4	136722837	rs11935719	A	G	4	0.01049	0.1071	1.1154	1.1115	0.1232	48.03
10	24661175	rs7897007	A	G	4	0.0368	0.1073	0.9109	0.8493	0.0064	75.66
10	80764708	rs16937080	A	T	4	0.05602	0.1073	0.9278	0.8737	0.0155	71.14
18	69425930	rs2051413	A	G	4	0.0471	0.1075	1.0738	1.1268	0.021	69.17
11	32209862	rs1998003	A	C	4	0.00158	0.1076	1.1254	1.1039	0.0915	53.52
7	84575619	rs10486848	A	G	4	0.0363	0.1081	1.0962	1.1676	0.0097	73.69
4	132453787	rs12641624	C	T	4	0.004482	0.1082	0.7492	0.7151	0.0201	69.48
4	132449623	rs12650292	A	G	4	0.003724	0.1084	1.3426	1.4066	0.0169	70.62
4	135194549	rs1565910	A	G	4	0.03746	0.1085	1.0892	1.1409	0.0308	66.24
18	69430600	rs1943869	C	G	4	0.04907	0.1087	1.0731	1.1252	0.0225	68.68
11	32207093	rs2418583	C	T	4	0.001682	0.1088	1.1247	1.1034	0.0919	53.44
9	104678314	rs1826415	C	T	4	0.0427	0.109	0.9149	0.8763	0.0362	64.84
7	146312527	rs10808041	A	T	4	0.001297	0.1094	0.8227	0.8588	0.1197	48.63
7	84577029	rs17561679	C	T	4	0.04814	0.1096	1.083	1.1386	0.0238	68.27
10	6552587	rs11597105	A	G	4	0.07448	0.1096	0.9127	0.7937	0.0005	83.07
7	107414230	rs2021886	A	G	3	0.007393	0.1097	1.1057	1.1003	0.1212	52.61
18	69429890	rs4892117	C	T	4	0.05067	0.1098	0.9323	0.8892	0.0229	68.55
4	132449990	rs12641430	C	T	4	0.004393	0.1099	1.3357	1.3995	0.0188	69.92
1	212356390	rs1660381	C	T	3	0.001183	0.1101	1.4069	1.3283	0.1063	55.39
11	32207354	rs926968	C	T	4	0.001526	0.1102	1.1259	1.104	0.0873	54.26
1	74227289	rs11210389	A	C	4	0.02949	0.1103	1.083	1.1527	0.0031	78.39
11	32207798	rs926967	A	G	4	0.001586	0.1116	0.8886	0.9061	0.0875	54.23
21	40067833	rs16998436	C	T	4	0.005305	0.1118	1.1901	1.2181	0.0252	67.86
7	84577791	rs1029564	G	T	4	0.05032	0.112	1.0822	1.1382	0.0231	68.48
2	128358837	rs10183605	C	G	4	0.002387	0.1121	0.8935	0.8977	0.0469	62.3
2	209855352	rs4673461	A	G	4	0.00911	0.1121	0.8953	0.9029	0.1372	45.7
11	32208659	rs2418584	C	T	4	0.001664	0.1122	1.1248	1.1023	0.0924	53.36
4	132453477	rs12647579	A	T	4	0.00489	0.1124	0.7513	0.7167	0.0191	69.8
4	149309538	rs6535584	C	T	4	0.01224	0.1124	1.0916	1.1176	0.0258	67.67
7	84532070	rs7800255	A	T	4	0.0103	0.1129	1.1469	1.193	0.0168	70.66
18	69451956	rs11662228	C	T	4	0.05017	0.1129	1.0706	1.1257	0.0146	71.49
3	41530567	rs2017454	A	G	4	0.02321	0.113	1.1763	1.2279	0.0419	63.46
6	41385833	rs9357353	C	T	4	0.00136	0.1132	1.1213	1.0982	0.0925	53.33
11	10781116	rs10743150	A	G	4	0.001917	0.1133	1.231	1.2066	0.0625	58.98
1	97673140	rs12129397	A	T	4	0.08645	0.1134	1.0621	1.1512	0.002	79.78
4	132450305	rs11946051	G	T	4	0.005034	0.1138	0.752	0.7173	0.0189	69.88
6	14489412	rs926924	C	T	4	0.0094	0.1143	1.0945	1.1091	0.0416	63.53

3	41526055	rs1256396	A	T	4	0.02244	0.1146	1.1767	1.2267	0.0412	63.61
11	32211971	rs7124928	C	T	4	0.001529	0.1146	0.8882	0.9059	0.0822	55.2
10	30438125	rs12220246	C	T	4	0.0007857	0.1147	1.1358	1.1	0.1192	48.71
1	97675378	rs11165873	A	T	4	0.08883	0.1149	1.0616	1.1507	0.0019	79.81
3	41524937	rs9831248	C	G	4	0.02247	0.115	1.1766	1.2267	0.0409	63.7
21	40068571	rs16998444	A	G	4	0.006016	0.1151	1.187	1.2153	0.0257	67.68
2	133201434	rs11692408	A	G	4	0.001263	0.1153	0.8863	0.8991	0.0531	60.94
6	25256945	rs12663706	C	G	4	0.003686	0.1153	1.1414	1.1235	0.0984	52.29
14	31529811	rs10132140	A	G	4	0.008069	0.1158	0.8868	0.8905	0.0939	53.08
12	2777987	rs1981655	A	T	4	0.004163	0.116	0.7731	0.8081	0.1537	42.97
3	41519427	rs4258937	A	G	4	0.02343	0.1162	0.8504	0.8156	0.0414	63.57
1	97668350	rs11165870	C	T	4	0.1006	0.1163	0.9439	0.867	0.0014	80.63
4	135193417	rs1390026	G	T	4	0.04777	0.1165	0.9216	0.8789	0.0318	65.98
11	32212187	rs10742273	C	G	4	0.001594	0.1165	1.1254	1.1036	0.082	55.24
1	97699427	rs7550959	A	G	4	0.0935	0.1167	0.9422	0.8698	0.0023	79.37
10	114461555	rs11196070	C	G	4	0.005055	0.1169	0.8285	0.8418	0.1007	51.89
3	60196556	rs10510834	A	G	4	0.1213	0.117	1.076	1.1872	0.0074	75.02
11	32212217	rs10742274	C	T	4	0.001623	0.1171	0.8887	0.9063	0.0822	55.21
3	60197075	rs13082004	C	T	4	0.1256	0.1176	0.9306	0.8421	0.0067	75.44
1	97693544	rs12354219	C	T	4	0.09758	0.1177	0.9434	0.8687	0.0017	80.19
21	32329234	rs9974134	A	C	4	0.006386	0.1177	0.8728	0.883	0.1038	51.35
4	28926641	rs987157	A	G	4	0.06876	0.1182	1.1064	1.1937	0.0167	70.67
11	10779614	rs7103202	A	G	4	0.002068	0.1184	0.8142	0.8299	0.0588	59.75
1	97690894	rs3897854	C	T	4	0.0949	0.1187	1.0605	1.1497	0.0019	79.92
6	40749271	rs4714357	A	G	4	0.01025	0.1188	0.8961	0.8785	0.032	65.93
2	6855044	rs10200467	C	T	4	0.2119	0.1189	1.0513	1.1747	0.002	79.75
2	229840402	rs10185903	C	T	4	0.003574	0.1191	1.1556	1.1214	0.1558	42.62
1	74116329	rs967881	A	G	4	0.05199	0.1192	0.9305	0.8871	0.0172	70.5
11	32212512	rs12795402	C	T	4	0.001559	0.1192	1.1257	1.1035	0.0792	55.76
7	91252060	rs1208998	C	T	4	0.001419	0.1193	0.7862	0.8187	0.07	57.52
1	74233585	rs6663201	C	T	4	0.03839	0.1199	1.0801	1.1656	0.0008	81.97
7	84580693	rs17561700	G	T	4	0.03885	0.1199	1.0954	1.1594	0.0115	72.82
1	74138234	rs1340434	C	T	4	0.02395	0.1202	1.085	1.1607	0.0008	82.15
8	27723712	rs1052873	C	T	4	0.004011	0.1204	1.1359	1.1128	0.1211	48.38
1	74233724	rs6660710	A	G	4	0.03898	0.1206	0.926	0.8579	0.0008	82.05
1	97677368	rs4949953	C	T	4	0.1012	0.1206	0.9441	0.8699	0.0017	80.17
3	60195347	rs7628950	A	T	4	0.1314	0.1207	0.9311	0.8439	0.0075	74.95

1	74149450	rs7544252	C	G	4	0.024	0.1209	1.0849	1.1609	0.0007	82.26
1	74150383	rs12062996	C	T	4	0.024	0.1209	1.0849	1.1609	0.0007	82.26
20	8455713	rs6055881	C	T	4	0.05949	0.1209	1.0709	1.141	0.0052	76.51
6	40749486	rs16893894	C	T	4	0.01069	0.1211	1.1153	1.1375	0.0318	65.98
1	74111118	rs6672527	C	T	4	0.05454	0.1212	0.9306	0.8862	0.0165	70.76
1	74112532	rs11210361	C	T	4	0.05461	0.1214	1.0738	1.1265	0.0173	70.46
6	25265596	rs1900554	C	T	4	0.004718	0.1214	0.882	0.9002	0.1366	45.8
1	74117298	rs17579506	C	T	4	0.05538	0.1216	1.0731	1.1262	0.0166	70.71
1	74117107	rs17520168	C	T	4	0.05559	0.1217	1.073	1.126	0.0169	70.61
1	74151900	rs7550937	A	G	4	0.02455	0.1217	1.0846	1.1608	0.0007	82.32
1	74152537	rs1768649	A	G	4	0.02455	0.1217	1.0846	1.1608	0.0007	82.32
1	74153059	rs11210368	A	G	4	0.02455	0.1217	1.0846	1.1608	0.0007	82.32
4	136740556	rs11737486	A	G	4	0.006824	0.1217	1.1621	1.1504	0.0779	56.01
6	40749374	rs4714358	A	C	4	0.01096	0.1221	1.1149	1.1372	0.0317	66
21	40081547	rs11088495	C	T	4	0.001244	0.1222	0.8917	0.8918	0.0166	70.7
1	74159865	rs2733260	C	T	4	0.02496	0.1223	0.9222	0.8616	0.0007	82.33
12	82308633	rs7136505	A	G	3	0.004254	0.1223	0.7624	0.736	0.0232	73.44
14	37935967	rs1168555	A	G	4	0.0676	0.1225	1.0663	1.1114	0.034	65.4
1	74165700	rs7533599	A	G	4	0.02501	0.1226	1.0843	1.1609	0.0007	82.42
1	74168149	rs12081389	A	T	4	0.02501	0.1226	1.0843	1.1609	0.0007	82.42
6	28377642	rs1997660	A	G	4	0.04545	0.1226	1.0814	1.1319	0.023	68.53
18	69453896	rs11876675	A	G	4	0.06164	0.1231	0.9359	0.89	0.0148	71.4
3	60194354	rs4679648	C	T	4	0.1314	0.1232	0.9316	0.8535	0.0135	71.93
15	81227450	rs12592976	C	T	4	0.01657	0.1232	0.8749	0.8392	0.0283	66.95
11	32214418	rs1155855	A	G	4	0.001358	0.1233	0.887	0.9057	0.072	57.12
11	32214070	rs1155856	A	G	4	0.001382	0.1234	1.1272	1.1039	0.0725	57.03
18	13790956	rs9949908	G	T	4	0.01088	0.1234	0.8633	0.8019	0.0017	80.18
18	13793024	rs948271	C	T	4	0.01094	0.1234	1.1584	1.2473	0.0017	80.16
2	6853536	rs4668508	A	G	4	0.2157	0.1241	0.9501	0.8498	0.002	79.72
14	37935713	rs1168554	A	G	4	0.06959	0.1241	1.0658	1.1109	0.0341	65.37
6	83339411	rs16885899	A	G	2	0.00222	0.1244	1.9161	1.7841	0.0879	65.66
8	10739369	rs7010709	C	T	4	0.04741	0.1244	0.9172	0.8607	0.0103	73.42
11	80994506	rs7949287	A	G	4	0.1198	0.1244	0.9476	0.8775	0.0028	78.68
2	40178533	rs13032715	C	T	3	0.01709	0.1245	1.1252	1.3042	0.0002	88.04
1	74122434	rs11210363	A	G	4	0.05916	0.1248	1.0725	1.1263	0.0163	70.84
8	10739944	rs6990589	A	G	4	0.0467	0.1248	0.9165	0.8603	0.0104	73.35
8	10741808	rs11990167	C	T	4	0.04801	0.1249	1.09	1.163	0.0095	73.83

10	30429219	rs3847404	C	T	4	0.000328	0.1252	0.8749	0.9079	0.0903	53.73
1	74235010	rs2343196	C	T	4	0.04221	0.1256	1.0787	1.1629	0.0009	81.85
1	212358932	rs1795036	A	G	4	0.001961	0.1257	1.3805	1.2852	0.1351	46.03
4	72355439	rs1377287	A	G	4	0.0827	0.1257	0.9062	0.8181	0.0038	77.69
6	28403018	rs853683	A	G	4	0.04964	0.1257	1.0798	1.1293	0.0252	67.86
3	63500043	rs4616634	A	G	4	8.62E-05	0.126	1.1855	1.1345	0.0365	64.77
3	41517346	rs1691983	A	G	4	0.0303	0.1261	0.8569	0.8207	0.0422	63.37
1	212356865	rs1660378	C	T	4	0.001624	0.1264	1.3647	1.2709	0.1313	46.68
6	28399219	rs707907	A	G	4	0.0506	0.1267	1.0795	1.1291	0.0249	67.93
11	107990612	rs7125479	A	C	4	0.05127	0.1267	0.9341	0.9032	0.037	64.63
3	41516991	rs2643977	C	T	4	0.0297	0.1271	1.1677	1.2193	0.0404	63.8
11	107987483	rs2852205	A	G	4	0.05356	0.1277	1.0699	1.107	0.0371	64.62
20	57284330	rs6100397	G	T	4	0.0006886	0.1277	1.3981	1.3821	0.0109	73.09
2	229839689	rs6754229	C	T	4	0.004091	0.1279	1.1532	1.1189	0.1535	42.99
4	136739022	rs2102279	C	T	4	0.007456	0.1279	1.1596	1.1474	0.0765	56.26
11	32214720	rs12287573	C	T	4	0.00145	0.1284	1.1266	1.1032	0.0697	57.56
3	41516845	rs2643976	A	G	4	0.031	0.1286	1.1669	1.2183	0.0412	63.61
6	25260653	rs6941417	A	G	4	0.007927	0.1288	0.8831	0.8942	0.1195	48.66
6	40745631	rs6901833	A	G	4	0.002475	0.1288	1.1416	1.1476	0.0194	69.69
11	10721194	rs924111	A	G	4	0.005926	0.1288	1.1027	1.0839	0.1441	44.55
11	32215762	rs10767925	A	G	4	0.001362	0.1288	1.1274	1.1035	0.068	57.9
8	10744211	rs1469557	C	T	4	0.05384	0.1289	1.0877	1.1662	0.007	75.25
14	37936185	rs1186370	A	G	4	0.07616	0.1291	1.0643	1.1105	0.0317	66.01
11	32220627	rs6484557	A	C	4	0.001211	0.1292	0.8859	0.9052	0.0633	58.84
1	74224911	rs9662322	G	T	4	0.03892	0.1294	0.9256	0.8581	0.0006	82.71
3	41561312	rs1629284	C	G	4	0.01903	0.1297	1.1847	1.2316	0.0295	66.6
2	236090677	rs2316435	A	T	4	0.03637	0.1301	0.9087	0.8494	0.0033	78.12
2	209659240	rs1439736	G	T	4	0.001546	0.1302	0.8536	0.8798	0.0786	55.87
1	74185240	rs10493528	A	T	4	0.02383	0.1306	1.0857	1.1591	0.0006	82.67
2	236075691	rs7599284	A	G	4	0.03428	0.1307	0.9067	0.8459	0.0026	78.94
11	80986103	rs1945649	C	T	4	0.1325	0.1307	1.0534	1.1366	0.0028	78.65
1	212357674	rs1440619	A	G	4	0.001927	0.1308	1.3692	1.2776	0.1257	47.61
5	153738544	rs7728507	C	T	4	0.08266	0.131	1.0721	1.1583	0.0036	77.89
17	45486194	rs9895410	C	T	4	0.07892	0.131	1.0981	1.1924	0.0079	74.68
2	236094249	rs4663604	A	G	4	0.03713	0.1312	1.1001	1.1765	0.0034	78.06
3	41516460	rs11919885	C	T	4	0.03353	0.1314	0.8589	0.8232	0.0436	63.04
11	107991327	rs7934388	A	T	4	0.05591	0.1314	1.0692	1.1062	0.0361	64.86

3	15005549	rs9839660	A	T	4	0.04199	0.1315	1.1752	1.2852	0.0117	72.73
2	236094532	rs10460276	C	T	4	0.03775	0.1316	0.9093	0.8502	0.0034	78.04
2	236095585	rs6731720	G	T	4	0.03213	0.1317	1.1046	1.1763	0.0039	77.53
3	63499920	rs1505598	C	G	4	0.0001213	0.1319	1.1812	1.1316	0.0379	64.41
18	37303085	rs2703175	A	G	4	0.03422	0.1319	0.8802	0.7928	0.0023	79.28
6	25262375	rs11752102	A	G	4	0.007811	0.132	1.1326	1.1176	0.1182	48.88
11	81001119	rs2097171	C	T	4	0.1228	0.1321	1.0547	1.1313	0.0042	77.26
5	153737245	rs1422665	C	T	4	0.08645	0.1323	1.0711	1.1568	0.0038	77.69
2	236087152	rs938675	C	T	4	0.0368	0.1326	0.9089	0.8494	0.003	78.49
1	74161472	rs12076161	A	C	4	0.02844	0.1329	0.924	0.8658	0.0008	82.21
8	10720187	rs17152571	A	G	4	0.08882	0.133	0.9118	0.8198	0.0046	76.94
2	236091352	rs4663602	A	G	4	0.03838	0.1332	1.0994	1.1767	0.0031	78.33
3	124837883	rs820460	C	T	4	0.004051	0.1333	1.2352	1.2378	0.0263	67.52
1	74191995	rs7544238	A	C	4	0.02584	0.1337	1.084	1.1586	0.0005	82.95
3	63490926	rs6777474	A	G	4	7.28E-05	0.1337	1.1904	1.1371	0.0298	66.51
1	74161523	rs12077198	A	G	4	0.02919	0.1338	0.9243	0.866	0.0007	82.23
18	48360097	rs12961437	G	T	4	0.006429	0.1338	0.8731	0.8672	0.0393	64.07
2	159755255	rs12617786	A	G	4	0.01303	0.1339	1.4395	1.4253	0.0828	55.1
4	154534381	rs10517571	A	C	4	0.1615	0.134	1.0506	1.1372	0.003	78.43
4	154559969	rs3852108	A	C	4	0.1585	0.134	0.9511	0.879	0.0031	78.32
11	10804775	rs4243917	C	T	4	0.001385	0.134	0.8097	0.8299	0.0399	63.93
11	32220968	rs2418587	C	T	4	0.001313	0.134	0.8867	0.906	0.0618	59.14
4	29199244	rs1441670	A	G	4	0.1868	0.1341	1.0475	1.1509	0.0008	82.2
1	74191025	rs1417259	G	T	4	0.02596	0.1343	1.0839	1.1584	0.0005	82.96
3	15059018	rs9825022	C	T	4	0.04796	0.1343	0.8557	0.7854	0.0148	71.4
11	32216421	rs1884382	A	G	4	0.001193	0.1343	1.1289	1.1038	0.0606	59.38
1	212357165	rs1795037	A	G	4	0.001828	0.1344	1.3611	1.2663	0.1295	46.98
1	74195971	rs11210377	G	T	4	0.03005	0.1345	0.9251	0.8643	0.0006	82.88
3	41515056	rs12639280	C	T	4	0.03586	0.1345	1.1621	1.2128	0.0437	63.03
8	10769957	rs10903331	C	G	4	0.04483	0.1346	0.9073	0.8279	0.0015	80.55
8	120078754	rs4876434	C	T	4	0.00804	0.1346	1.2269	1.2324	0.0515	61.29
1	74196206	rs12116914	G	T	4	0.03027	0.1348	1.0809	1.157	0.0005	82.89
3	15058788	rs9820676	C	G	4	0.04883	0.1348	0.8562	0.7861	0.0152	71.25
13	26340889	rs9553915	A	G	4	0.003893	0.1349	0.8563	0.8821	0.1251	47.71
21	40093555	rs16998556	G	T	4	0.01043	0.1349	0.8522	0.8278	0.0216	68.98
1	205534725	rs6686201	A	G	4	0.1497	0.1356	0.9506	0.8824	0.0038	77.67
5	153740522	rs17116042	C	T	4	0.08897	0.1357	0.9341	0.8648	0.0034	78.03

1	212355741	rs1660382	A	G	4	0.001589	0.1358	1.3808	1.2757	0.1257	47.61
12	13256321	rs2291060	A	G	4	0.01666	0.1361	1.1868	1.2748	0.0106	73.24
4	72354592	rs7436806	A	G	4	0.08416	0.1362	1.1118	1.2387	0.0029	78.56
8	10723261	rs17152584	A	G	4	0.09952	0.1362	0.9145	0.8207	0.0045	77.07
3	102220701	rs13091963	A	G	4	0.06209	0.1363	1.0749	1.1452	0.0039	77.53
8	10741204	rs11250082	C	T	4	0.05754	0.1364	1.0863	1.1582	0.0093	73.93
3	63490780	rs6766087	C	T	4	7.74E-05	0.1365	0.8405	0.8798	0.0291	66.72
1	74170715	rs12082647	A	C	4	0.02849	0.1366	0.924	0.8644	0.0005	83.01
1	74202690	rs12064998	A	G	4	0.03184	0.1366	0.9259	0.8647	0.0005	82.95
11	32216841	rs7109202	C	T	4	0.001243	0.1366	1.1284	1.1034	0.0599	59.51
1	74202532	rs12064944	A	G	4	0.03269	0.1375	0.9262	0.8649	0.0005	82.97
3	124845546	rs820470	C	T	4	0.003046	0.1376	1.2538	1.2344	0.0343	65.33
2	57624516	rs13410921	A	C	3	7.59E-05	0.1377	0.5133	0.5791	0.035	70.17
6	28390627	rs853693	A	G	4	0.06293	0.1378	0.9302	0.8888	0.0241	68.18
3	102221017	rs2713775	A	T	4	0.06458	0.138	0.931	0.8737	0.0039	77.53
9	70346115	rs10120859	C	T	4	0.01145	0.138	0.8799	0.8889	0.1191	48.72
2	57625311	rs9309297	C	G	3	7.81E-05	0.1382	1.9459	1.7253	0.0351	70.15
1	74215111	rs12138557	A	C	4	0.03273	0.1383	1.0796	1.1552	0.0006	82.82
5	153745624	rs6870010	C	T	4	0.1001	0.1383	0.9367	0.8699	0.005	76.63
1	91987439	rs284172	A	T	4	0.01276	0.1385	0.8802	0.8647	0.0381	64.35
2	57618472	rs13389335	A	T	3	7.60E-05	0.1385	0.509	0.5759	0.0344	70.31
1	74158268	rs10493526	C	T	4	0.03372	0.1387	1.0797	1.1527	0.0007	82.24
4	136728656	rs13129036	C	T	3	0.008213	0.1388	1.1243	1.1186	0.0826	59.9
8	27642120	rs13282289	A	G	4	0.004474	0.139	1.1289	1.1022	0.1254	47.66
3	106415848	rs10933810	C	T	4	0.004956	0.1394	1.1315	1.1117	0.0968	52.58
7	12650865	rs2691810	C	T	4	0.08902	0.1396	1.0945	1.1851	0.0092	73.94
3	63503954	rs11130944	C	T	4	0.0001525	0.1397	0.8449	0.8824	0.0349	65.18
3	124847003	rs820472	C	T	4	0.003244	0.1397	1.2505	1.2344	0.0318	65.99
2	57616717	rs13392012	C	T	3	7.63E-05	0.1399	1.9928	1.7528	0.0334	70.57
7	24845137	rs1541363	C	T	4	0.01262	0.14	1.1554	1.2318	0.0046	76.95
2	57626427	rs9309298	A	G	3	8.29E-05	0.1401	0.5151	0.5806	0.0347	70.24
12	89968187	rs7959834	C	T	4	0.01573	0.1401	0.8393	0.7931	0.0138	71.8
12	89968856	rs7973791	A	C	4	0.01576	0.1402	1.1914	1.2608	0.0139	71.8
1	74194799	rs1361463	A	T	4	0.03534	0.1403	1.0785	1.1554	0.0005	83.05
1	205524041	rs2217406	A	T	4	0.1625	0.1405	0.952	0.8838	0.0038	77.65
2	64133110	rs10171434	C	T	4	0.00459	0.1405	0.8263	0.8562	0.1264	47.5
1	205549789	rs7525530	A	G	4	0.1624	0.1407	0.952	0.8825	0.0033	78.18

3	63487802	rs11928896	A	G	4	7.46E-05	0.1407	1.1918	1.1431	0.0195	69.68
13	43927733	rs11619041	A	G	4	0.01936	0.1408	1.0876	1.117	0.0171	70.54
13	44106744	rs9567450	C	T	4	0.03785	0.1408	1.0784	1.1201	0.0156	71.09
4	95487295	rs1991316	G	T	4	0.006318	0.1409	1.1036	1.1149	0.019	69.84
2	236080078	rs1865951	A	G	4	0.04341	0.141	0.9112	0.8475	0.002	79.75
1	61296851	rs12402756	C	T	4	0.01464	0.1415	1.157	1.1796	0.037	64.64
6	116166045	rs9384957	C	T	4	0.002786	0.1415	1.1558	1.1566	0.0159	70.99
18	48306360	rs12964400	A	G	4	0.006962	0.1415	1.1438	1.1494	0.0406	63.76
1	205480867	rs891373	C	T	4	0.1646	0.1416	1.0511	1.135	0.0034	78.02
3	63504654	rs1027764	G	T	4	0.0001639	0.1417	0.8438	0.8813	0.0338	65.45
21	40067939	rs2837204	C	T	4	0.007639	0.1417	1.1741	1.2014	0.0176	70.36
11	32217307	rs2207820	A	C	4	0.001305	0.1418	1.1278	1.1027	0.0575	60.01
4	29184029	rs1348188	C	T	4	0.2112	0.1419	0.9566	0.8694	0.0007	82.51
12	89954104	rs12228056	C	T	4	0.01779	0.142	1.187	1.2674	0.0105	73.3
2	98798495	rs1568213	A	T	4	0.006052	0.1424	1.1092	1.1081	0.0433	63.13
1	88270563	rs4265406	A	G	4	0.2904	0.1426	1.0389	1.1505	0.001	81.6
1	74175413	rs10890093	G	T	4	0.03608	0.1428	0.9271	0.8665	0.0005	82.89
1	74175476	rs10890094	A	G	4	0.03628	0.143	0.9272	0.8665	0.0005	82.91
6	99016428	rs9491625	A	G	4	0.0008617	0.143	0.7262	0.7818	0.055	60.54
13	21757893	rs9510084	A	C	4	0.01053	0.143	1.0963	1.0973	0.0626	58.97
6	30228616	rs9468693	C	T	3	0.007737	0.1432	1.2242	1.2337	0.048	67.07
2	57617362	rs6746753	C	G	3	8.13E-05	0.1434	1.9701	1.7412	0.0328	70.75
11	32216036	rs1884379	G	T	4	0.001575	0.1436	0.8885	0.9081	0.0608	59.33
4	95484845	rs7438414	C	T	4	0.00685	0.1438	0.907	0.8976	0.0188	69.91
3	63499833	rs1505599	A	C	4	0.0002113	0.1439	1.1753	1.1272	0.0396	63.99
4	34724145	rs968774	A	G	4	0.0123	0.1439	1.4149	1.3419	0.1589	42.12
11	10783496	rs7932171	C	T	4	0.002801	0.144	1.2225	1.1978	0.0489	61.85
11	32218732	rs10835876	A	T	4	0.001383	0.1443	0.8873	0.9074	0.0573	60.06
11	117191666	rs4597100	A	C	4	0.1059	0.1445	0.9427	0.8954	0.0203	69.41
1	88272291	rs12133500	C	G	4	0.3002	0.1446	0.9633	0.8695	0.001	81.67
4	95481688	rs11727030	A	G	4	0.007153	0.1448	1.1019	1.1138	0.019	69.86
1	74208096	rs11210383	A	C	4	0.03813	0.1449	1.0778	1.1541	0.0005	82.99
1	212356402	rs1660380	A	G	4	0.00202	0.1451	0.7374	0.7932	0.1238	47.93
5	158812974	rs4921230	C	T	4	0.155	0.1451	1.0605	1.1429	0.0115	72.85
3	15120491	rs13318013	A	G	4	0.04363	0.1456	1.1743	1.279	0.0098	73.67
3	63485004	rs6775133	A	G	4	9.44E-05	0.1456	1.1889	1.1424	0.0184	70.05
6	99007342	rs9482736	C	T	4	0.001074	0.1456	1.373	1.2706	0.0665	58.2

18	41955585	rs12607480	A	G	4	0.01575	0.1457	0.8813	0.8512	0.0182	70.11
3	63485884	rs17068905	C	T	4	8.89E-05	0.1459	1.1897	1.1418	0.0189	69.89
18	41948674	rs8083916	A	C	4	0.0161	0.1459	0.8817	0.8534	0.0208	69.25
3	15097982	rs13326820	A	G	4	0.04939	0.146	0.857	0.7804	0.0081	74.6
21	40087119	rs16998519	G	T	4	0.01203	0.146	1.1705	1.206	0.0187	69.97
1	88273491	rs12567534	A	G	4	0.3086	0.1462	1.0375	1.1499	0.0009	81.8
3	15125801	rs9867224	A	G	4	0.04392	0.1462	0.8517	0.7835	0.0105	73.3
3	63488445	rs6770081	A	G	4	8.90E-05	0.1462	1.1896	1.1413	0.0194	69.7
3	63488625	rs11921529	A	G	4	8.61E-05	0.1462	0.8403	0.8761	0.0192	69.78
3	63489025	rs9848074	C	G	4	8.67E-05	0.1463	1.19	1.1414	0.0193	69.76
3	63489216	rs7641936	C	T	4	8.67E-05	0.1463	1.19	1.1414	0.0193	69.76
10	22887793	rs7097972	C	T	4	0.002212	0.1466	0.8948	0.9209	0.1194	48.67
11	32219434	rs1115704	C	T	4	0.001415	0.1466	1.1268	1.1017	0.0562	60.28
15	36725830	rs3923022	A	G	3	0.006271	0.1468	1.1051	1.0948	0.086	59.23
6	99015010	rs12213284	G	T	4	0.0009078	0.1469	0.725	0.7829	0.0563	60.26
3	63495515	rs985367	G	T	4	0.0002403	0.147	1.1736	1.126	0.04	63.9
2	38224980	rs10188379	C	G	4	0.003951	0.1471	1.1302	1.1093	0.0826	55.13
4	95479708	rs724260	A	G	4	0.007604	0.1473	1.1011	1.1131	0.0188	69.91
3	124823568	rs820455	A	G	4	0.003726	0.1479	0.8028	0.8106	0.027	67.31
3	63487061	rs7617487	G	T	4	8.67E-05	0.1481	0.8404	0.8762	0.0185	70.01
6	116106532	rs9320545	C	T	4	0.01101	0.1482	0.8973	0.8831	0.0204	69.36
10	22886741	rs4748813	C	T	4	0.002462	0.1482	1.1139	1.0839	0.1202	48.54
4	34724210	rs968773	A	C	4	0.01311	0.1483	1.3997	1.3365	0.1498	43.62
11	123073614	rs12419599	G	T	4	0.06993	0.1484	0.8659	0.8055	0.0305	66.33
3	63494767	rs1394901	C	T	4	0.0002577	0.1491	0.8527	0.8887	0.04	63.89
3	63495077	rs4392412	G	T	4	0.0002577	0.1491	0.8527	0.8887	0.04	63.89
1	205553098	rs11120691	G	T	4	0.1839	0.1492	1.0479	1.1316	0.0028	78.64
3	63494733	rs1394902	C	T	4	0.0002616	0.1492	1.1725	1.1251	0.0402	63.85
3	63495157	rs985370	A	G	4	0.0002616	0.1492	1.1725	1.1251	0.0402	63.85
3	63495430	rs985368	C	T	4	0.0002616	0.1492	1.1725	1.1251	0.0402	63.85
1	74143228	rs4650235	A	G	4	0.03612	0.1493	1.0799	1.1253	0.0077	74.78
9	70346769	rs10746875	A	T	4	0.01036	0.1498	0.8779	0.8902	0.111	50.1
1	4560412	rs589176	A	G	4	0.01065	0.15	0.9106	0.9125	0.0667	58.15
6	102373779	rs9498719	C	T	4	0.08047	0.15	0.8909	0.7992	0.0029	78.57
2	57629006	rs9309299	C	G	3	0.0001039	0.1501	1.9234	1.7106	0.032	70.95
4	136712040	rs11946618	C	G	4	0.01629	0.1503	1.1063	1.1007	0.106	50.97
1	212358567	rs12568811	A	G	4	0.00245	0.1504	0.7297	0.7873	0.1236	47.97

7	12646159	rs849766	G	T	4	0.1212	0.1504	1.0882	1.1755	0.0155	71.12
6	102368610	rs12333317	A	G	4	0.07549	0.1505	1.1259	1.2558	0.0025	79.09
1	199828298	rs625436	A	G	4	0.1111	0.1509	0.8913	0.7599	0.0005	83.14
2	236072455	rs2316431	C	T	4	0.04664	0.151	0.9096	0.8492	0.0026	78.9
1	61295468	rs12565220	C	T	4	0.01475	0.1516	0.8649	0.8497	0.0333	65.6
1	225256592	rs12409428	C	T	4	0.03663	0.1516	1.0744	1.116	0.0093	73.92
13	21757961	rs9510085	G	T	4	0.01159	0.1517	0.9132	0.9135	0.0651	58.46
1	225249982	rs10495273	G	T	4	0.0374	0.1518	1.0741	1.116	0.0092	73.96
6	99020505	rs9401880	C	G	4	0.0009572	0.1518	1.3744	1.2755	0.0525	61.06
6	99021401	rs9491633	A	C	4	0.00101	0.1519	0.7279	0.7837	0.0528	61
6	99021767	rs1908399	A	G	4	0.0009912	0.1523	1.3745	1.2762	0.0522	61.14
1	225244354	rs1186	A	T	4	0.03739	0.1528	0.931	0.8958	0.0087	74.23
1	225254994	rs7541033	A	C	4	0.03771	0.1529	1.074	1.116	0.009	74.09
6	99021290	rs9491632	A	T	4	0.001067	0.1529	0.7291	0.7846	0.0533	60.9
16	47661065	rs7205094	G	T	4	0.008578	0.1529	0.9074	0.9081	0.0726	57
3	101331030	rs17315194	G	T	4	0.09536	0.1531	1.092	1.1744	0.0117	72.73
1	225256856	rs6684821	A	G	4	0.03764	0.1534	1.074	1.1157	0.009	74.05
2	57629283	rs10166539	A	G	3	0.0001145	0.1534	1.9158	1.7055	0.0315	71.09
1	225268494	rs17600669	A	G	4	0.03325	0.1535	0.9294	0.9007	0.0147	71.44
21	40092123	rs16998550	C	T	4	0.01519	0.1535	1.1644	1.2009	0.0194	69.71
3	63483291	rs13067087	A	T	4	9.86E-05	0.1537	1.19	1.143	0.016	70.93
6	99020082	rs9388491	A	C	4	0.0009789	0.1538	1.3735	1.2744	0.0519	61.19
6	99021203	rs9482746	C	T	4	0.0009758	0.154	0.728	0.7847	0.0518	61.22
6	99021192	rs9491631	C	T	4	0.0009707	0.1541	1.3739	1.2745	0.0516	61.26
2	57629406	rs9309301	A	G	3	0.0001174	0.1542	1.9138	1.7042	0.0313	71.13
1	225249748	rs1343743	C	T	4	0.03879	0.1548	0.9315	0.8964	0.0088	74.19
1	225250697	rs10916075	A	G	4	0.03895	0.1549	1.0735	1.1155	0.0089	74.15
1	212358976	rs1795035	C	T	4	0.002614	0.1553	0.7297	0.7874	0.1234	48
7	12644156	rs849764	C	G	4	0.1326	0.1553	0.921	0.8513	0.0145	71.54
1	225245585	rs1045287	C	T	4	0.03948	0.1554	1.0733	1.1155	0.0087	74.22
3	63505317	rs1505595	C	T	4	0.0002693	0.1554	1.1787	1.1304	0.034	65.4
5	85551089	rs11959230	C	T	3	0.004479	0.1554	0.5665	0.5526	0.0344	70.33
16	24384824	rs2560922	G	T	4	0.05849	0.1554	0.9304	0.8973	0.0223	68.74
3	63482702	rs2202492	C	T	4	0.0001117	0.1556	0.8405	0.8747	0.0161	70.92
1	212359212	rs1795034	C	T	4	0.002693	0.1557	1.3691	1.2693	0.1242	47.86
1	225245677	rs1045285	A	G	3	0.03581	0.1558	1.0775	1.1413	0.0033	82.46
3	63482584	rs2221476	A	G	4	0.0001077	0.1558	1.1904	1.144	0.0156	71.09

14	37930129	rs1184875	A	C	4	0.09031	0.156	0.9419	0.9056	0.0295	66.6
20	8459004	rs2143205	C	T	3	0.02025	0.1561	1.1168	1.202	0.008	79.31
1	225254519	rs11587443	C	T	4	0.03983	0.1562	1.0732	1.1151	0.0089	74.16
2	57630160	rs10496069	A	T	3	0.0001274	0.1565	0.5243	0.5883	0.0311	71.18
11	123073674	rs4406833	A	T	4	0.07714	0.1566	0.8686	0.8054	0.0261	67.58
1	74134374	rs10890086	A	C	4	0.0459	0.1567	0.931	0.8934	0.0083	74.44
1	225244750	rs3768425	A	G	3	0.0358	0.1567	0.9281	0.8759	0.0031	82.65
3	124820628	rs820459	A	G	4	0.004215	0.1569	0.8056	0.8121	0.0238	68.29
1	225245323	rs1045290	A	G	3	0.03616	0.1571	0.9282	0.8763	0.0033	82.53
1	225245336	rs1045289	C	T	3	0.03616	0.1571	0.9282	0.8763	0.0033	82.53
4	136730007	rs2086327	A	C	4	0.003334	0.1574	0.9026	0.9181	0.0712	57.28
8	10767033	rs2409667	A	G	4	0.09322	0.158	1.0821	1.1673	0.0069	75.3
4	95498237	rs6839224	G	T	4	0.01489	0.1582	0.916	0.9	0.0168	70.63
18	41961878	rs4243278	A	G	4	0.01953	0.1584	1.1307	1.1717	0.0167	70.68
1	225270854	rs17600725	A	G	4	0.03634	0.1586	0.9306	0.901	0.0135	71.95
1	225248546	rs3795451	C	T	3	0.0372	0.1589	0.9286	0.8766	0.0032	82.62
1	225262834	rs11588904	C	T	4	0.0403	0.1592	1.073	1.1147	0.0085	74.35
21	40087288	rs16998521	A	G	4	0.01577	0.1594	1.1627	1.2001	0.0171	70.53
1	225248461	rs3795449	G	T	3	0.03789	0.1595	1.0766	1.1407	0.0031	82.65
3	15118432	rs9839836	G	T	4	0.05938	0.1595	1.1615	1.2706	0.0088	74.16
3	124819672	rs848145	A	G	4	0.00426	0.1597	1.2417	1.2304	0.0236	68.35
3	63493103	rs11130939	G	T	4	0.0001427	0.1598	1.1889	1.1367	0.0231	68.48
4	95497524	rs1593554	C	T	4	0.01481	0.1598	1.0917	1.111	0.0165	70.76
16	6606821	rs7199694	A	G	4	0.004618	0.1598	0.9047	0.9048	0.0242	68.16
18	26046673	rs2960028	A	T	4	0.07612	0.16	1.0641	1.1013	0.031	66.19
1	225248177	rs1062908	C	G	3	0.03858	0.1601	0.9291	0.8769	0.0032	82.6
6	99010182	rs12208539	G	T	4	0.001274	0.1601	1.3657	1.2642	0.0605	59.39
3	15090482	rs9830744	C	T	4	0.06212	0.1602	0.8629	0.7919	0.0114	72.9
6	116121301	rs9374564	C	T	4	0.01964	0.1602	0.9044	0.8899	0.0285	66.9
7	22565267	rs9655226	C	T	4	0.06	0.1603	0.9339	0.9062	0.0345	65.28
4	95489901	rs2865353	C	T	4	0.007475	0.1605	0.9074	0.8992	0.0159	71
3	15003482	rs17040623	A	G	4	0.07313	0.1606	0.8671	0.7895	0.0105	73.29
1	225248178	rs1045252	A	G	3	0.03826	0.1607	0.929	0.8768	0.0031	82.71
1	225259202	rs2297418	A	C	3	0.03826	0.1607	0.929	0.8768	0.0031	82.71
10	30254709	rs1246758	A	C	4	0.2028	0.1608	0.9484	0.8738	0.0072	75.14
3	63482284	rs7614676	A	G	4	0.0001355	0.1609	1.1912	1.1454	0.0147	71.47
11	123073531	rs4430519	G	T	4	0.09518	0.1609	0.8769	0.813	0.0319	65.96

18	48306727	rs1349930	C	G	4	0.01083	0.161	1.1351	1.1378	0.048	62.06
1	199813623	rs633696	C	T	4	0.1654	0.1616	1.1085	1.2911	0.0017	80.17
1	199829227	rs685982	A	T	4	0.38	0.1616	1.0354	1.1811	0.0001	86.26
4	154168497	rs1111986	A	G	4	0.009855	0.1618	1.0999	1.1085	0.0261	67.57
6	99009252	rs12200527	A	T	4	0.001437	0.1621	1.3612	1.261	0.0629	58.91
13	21758087	rs9550833	A	C	4	0.01333	0.1621	0.9148	0.9148	0.0616	59.17
1	212356924	rs1660377	A	T	4	0.002373	0.1622	1.3577	1.2544	0.1229	48.08
9	70347279	rs7860486	A	C	4	0.01175	0.1623	0.8799	0.8925	0.1072	50.76
3	15104541	rs17040729	G	T	4	0.06618	0.1627	1.1557	1.2733	0.007	75.23
1	225262499	rs6426559	C	T	4	0.04251	0.163	1.0722	1.1142	0.0081	74.6
13	21759295	rs9506821	A	G	4	0.009367	0.163	0.9095	0.9093	0.0419	63.46
6	25253691	rs9379723	C	T	4	0.01495	0.1632	1.1189	1.1036	0.1336	46.3
1	225238913	rs12593	C	T	4	0.03722	0.1633	0.9309	0.8956	0.0066	75.5
11	10776960	rs4909953	A	C	4	0.003709	0.1635	0.8245	0.8385	0.0393	64.08
2	57636788	rs13412537	C	G	3	0.0001735	0.1638	0.5305	0.5931	0.0314	71.11
3	15088046	rs3773478	C	T	4	0.07169	0.164	0.8672	0.7888	0.0087	74.23
3	15034334	rs11128731	C	T	4	0.08026	0.1641	1.1486	1.2552	0.0137	71.84
17	45487642	rs4794094	C	T	4	0.1587	0.1641	1.0781	1.1723	0.01	73.55
11	123076941	rs1275055	A	T	4	0.0804	0.1642	0.8691	0.8085	0.0284	66.92
12	2805760	rs2334868	A	G	4	0.005535	0.1642	0.7805	0.8222	0.1322	46.52
1	74169484	rs2733262	C	T	4	0.05395	0.1645	0.9333	0.8957	0.0088	74.17
1	199826786	rs608356	A	G	4	0.3863	0.1646	0.9663	0.8484	0.0001	86.16
4	136730586	rs2035293	A	G	4	0.003358	0.1648	0.9027	0.9185	0.0652	58.45
11	120728846	rs17125182	A	G	4	0.01866	0.1648	0.7755	0.7539	0.0347	65.21
1	116595268	rs11583110	A	C	4	0.01155	0.1649	1.0991	1.0907	0.0845	54.78
18	48292120	rs1031062	G	T	4	0.01114	0.1655	0.882	0.8771	0.0389	64.16
6	99023189	rs9482747	C	T	4	0.001242	0.1657	1.3662	1.27	0.048	62.04
1	74212970	rs6424568	A	G	4	0.05823	0.1658	0.9333	0.8883	0.0044	77.12
6	99028026	rs9482751	C	T	4	0.001135	0.1659	1.3697	1.2718	0.0462	62.45
3	15094808	rs2306855	C	T	4	0.07291	0.1661	1.1525	1.2684	0.0081	74.61
7	146317484	rs1524344	C	G	4	0.003631	0.1664	1.1946	1.1439	0.1119	49.95
18	10667979	rs600419	C	T	3	0.08501	0.1664	0.9225	0.7997	0.0005	86.93
6	99023244	rs9885878	A	C	4	0.001216	0.1666	0.7314	0.7873	0.0474	62.18
6	99024090	rs9491637	A	G	4	0.001208	0.1667	1.3674	1.2704	0.0472	62.23
6	99025985	rs9491640	A	C	4	0.001178	0.1668	0.7308	0.7868	0.0466	62.37
4	95492168	rs4282187	C	T	4	0.008066	0.1669	0.9082	0.9002	0.0151	71.29
9	120842902	rs11794075	A	G	4	0.0859	0.167	0.9024	0.8217	0.0028	78.68

4	95497016	rs10020236	A	G	4	0.01894	0.1673	1.0905	1.1111	0.0168	70.66
11	79787547	rs10792479	C	T	4	0.1748	0.1676	1.057	1.14	0.0049	76.69
13	21758866	rs4770264	A	G	4	0.01387	0.1677	1.0932	1.0943	0.0535	60.85
11	80981521	rs7933268	G	T	4	0.2326	0.168	0.9592	0.8828	0.0012	81.19
1	225267653	rs6704144	C	G	4	0.04201	0.1681	1.0724	1.1133	0.0077	74.81
3	15109324	rs17040733	C	G	4	0.06734	0.1681	0.8645	0.7831	0.0057	76.08
1	88292306	rs12568661	A	G	4	0.4292	0.1682	0.971	0.8707	0.0008	82.22
4	95494865	rs6840479	A	G	4	0.009087	0.1682	1.0995	1.1099	0.0161	70.92
18	10666564	rs510529	T	C	3	0.08945	0.1683	0.9235	0.8003	0.0005	86.92
1	199818411	rs677390	A	G	4	0.4011	0.1685	0.9674	0.8493	0.0001	86.33
1	88297128	rs4656008	G	T	4	0.4576	0.1687	1.028	1.1524	0.0005	83.09
1	88301956	rs10754315	C	T	4	0.4511	0.1687	0.9718	0.8621	0.0003	84.08
2	106764565	rs728241	A	G	4	0.0009952	0.1689	0.8768	0.905	0.049	61.82
6	99028948	rs9482752	A	C	4	0.001165	0.1689	0.7306	0.787	0.0453	62.67
11	80981836	rs7950006	A	G	4	0.2342	0.1689	0.9594	0.8832	0.0012	81.15
9	70346371	rs10869020	A	G	4	0.01193	0.169	1.1362	1.1195	0.1025	51.57
10	30256403	rs2776630	C	T	4	0.1984	0.1691	0.9483	0.8803	0.0101	73.53
2	209684516	rs1439724	A	G	4	0.002308	0.1695	1.1631	1.1299	0.0569	60.14
3	15093737	rs746665	A	T	4	0.07712	0.1695	0.8695	0.7896	0.0079	74.7
2	106764687	rs728239	C	T	4	0.001247	0.1699	0.8782	0.9054	0.0513	61.32
2	106764888	rs728240	G	T	4	0.001148	0.1701	1.1398	1.1052	0.0496	61.69
3	14995353	rs10510434	A	G	4	0.08555	0.1703	0.8731	0.7942	0.01	73.57
1	74186512	rs2789706	C	T	4	0.05726	0.1704	0.9342	0.8938	0.006	75.88
2	30855634	rs6754923	C	G	4	0.002351	0.1705	1.113	1.084	0.0852	54.66
1	110908053	rs6537671	C	T	4	0.01288	0.1707	1.1027	1.1137	0.0238	68.28
3	15094724	rs2306854	A	C	4	0.07931	0.171	0.8707	0.7903	0.0078	74.78
4	154491352	rs6821156	A	T	4	0.2967	0.171	0.9631	0.876	0.0007	82.45
17	24561368	rs7213514	C	T	4	0.2558	0.1712	0.9606	0.885	0.0019	79.83
1	225267729	rs6665290	C	T	4	0.03359	0.1713	0.9279	0.8967	0.0076	74.87
2	128352457	rs7566163	A	G	4	0.003727	0.1717	1.1068	1.0971	0.0324	65.83
2	128353695	rs2405635	A	G	4	0.003673	0.1719	0.9034	0.9114	0.032	65.93
1	199817630	rs585041	A	T	4	0.4373	0.1723	1.031	1.1757	0.0001	86.45
3	18376571	rs11927883	A	G	4	0.002684	0.1727	0.7612	0.7425	0.0042	77.29
3	63498351	rs11926493	C	T	4	0.0002859	0.1727	1.1792	1.1296	0.0271	67.28
1	212355520	rs1660383	A	G	4	0.002049	0.1729	1.3719	1.2655	0.0959	52.73
10	30256668	rs1270449	C	T	4	0.2194	0.1733	1.052	1.1351	0.0097	73.73
1	225271954	rs3795453	C	T	4	0.04682	0.1736	1.0707	1.1048	0.0148	71.4

12	13260841	rs3191064	A	G	3	0.01324	0.1736	1.1977	1.2401	0.0235	73.33
7	84683482	rs2159579	G	T	4	0.1668	0.1744	0.9467	0.8818	0.0049	76.73
1	225266341	rs1929862	A	G	4	0.04528	0.1752	1.0712	1.1119	0.0073	75.04
18	37290341	rs2703167	A	C	4	0.04223	0.1753	0.8789	0.7862	0.0005	83.1
4	136716070	rs11935796	A	G	4	0.01629	0.1755	0.9046	0.9112	0.0891	53.95
11	79783565	rs7482266	C	T	4	0.1886	0.1759	0.9469	0.8816	0.0072	75.1
6	99006740	rs9491610	A	G	4	0.001839	0.1763	1.3575	1.257	0.0597	59.56
1	225264498	rs6659424	A	G	4	0.04559	0.1764	0.9336	0.8994	0.0071	75.17
11	41020808	rs355220	C	T	4	0.0152	0.1765	1.2759	1.2589	0.0714	57.23
17	45486459	rs9890077	A	G	4	0.1672	0.1765	0.929	0.861	0.0137	71.85
11	79783016	rs2448273	A	C	4	0.1831	0.177	1.0563	1.1362	0.0055	76.26
3	106404720	rs6794974	A	G	4	0.003319	0.1772	0.8746	0.9026	0.087	54.34
4	95496334	rs6532481	G	T	4	0.01535	0.1772	0.9164	0.9022	0.0138	71.84
4	154496631	rs7340984	C	G	4	0.3073	0.1772	0.9649	0.8826	0.0009	81.8
6	30041240	rs6457109	C	T	3	0.0005814	0.1772	1.3878	1.2709	0.0936	57.77
21	32310264	rs17666683	G	T	4	0.02275	0.1772	1.1189	1.1107	0.1111	50.08
1	19518260	rs4912069	A	G	4	0.05823	0.1776	1.0768	1.1147	0.019	69.84
4	95496437	rs6532482	A	G	4	0.01563	0.1777	1.0909	1.1081	0.0139	71.78
4	136738151	rs2174394	A	G	4	0.0114	0.1791	1.1503	1.1345	0.0677	57.95
3	18377595	rs3922895	A	T	4	0.003064	0.1793	1.3087	1.3413	0.0041	77.42
1	74174906	rs10890092	C	T	4	0.05952	0.1798	1.0698	1.1149	0.0068	75.35
1	225263572	rs12409755	A	T	4	0.0479	0.1798	0.9343	0.9005	0.0074	74.98
2	106757512	rs1448103	A	G	4	0.0009263	0.18	0.8796	0.9096	0.0493	61.76
11	79784289	rs2448274	C	G	4	0.1944	0.18	0.9476	0.8829	0.0076	74.89
4	95497050	rs9997915	C	T	4	0.0167	0.1801	1.09	1.1078	0.0136	71.92
14	31526109	rs8017647	C	T	4	0.01395	0.1801	1.1127	1.1081	0.0593	59.63
1	88285953	rs10923014	C	T	4	0.3806	0.1803	1.0322	1.1369	0.001	81.47
13	21758269	rs9506819	G	T	4	0.01567	0.1806	0.9167	0.9164	0.0527	61.03
18	10664815	rs8095590	T	C	3	0.1169	0.1807	0.9299	0.7996	0.0003	87.61
1	88284959	rs12117077	C	T	4	0.3854	0.1811	0.9691	0.8797	0.001	81.51
4	72358121	rs980363	A	G	4	0.1898	0.1813	0.9492	0.866	0.0005	83.06
1	74234416	rs4556311	A	G	4	0.2661	0.1815	0.9597	0.8889	0.0039	77.59
11	81054378	rs17142764	C	G	4	0.2055	0.1816	0.9483	0.879	0.0051	76.58
20	8456036	rs1569604	A	G	4	0.1547	0.1817	0.9502	0.9033	0.0142	71.67
18	48349538	rs11665228	C	T	4	0.01181	0.1819	0.8822	0.8733	0.0234	68.41
2	106759973	rs17033251	C	T	4	0.001057	0.182	0.88	0.9093	0.0488	61.87
1	74140143	rs11210366	C	T	4	0.1583	0.1821	0.9488	0.8837	0.0021	79.56

2	219061439	rs10932782	C	T	3	0.121	0.1823	0.9435	0.885	0.008	79.29
10	30437845	rs12220219	C	T	4	0.001128	0.1824	1.131	1.0882	0.0846	54.77
6	99005624	rs9491608	A	G	4	0.002217	0.1825	0.7379	0.7954	0.0579	59.94
1	88276958	rs12143926	C	T	4	0.3866	0.1827	0.9692	0.8808	0.0011	81.26
3	106423032	rs12639365	A	T	4	0.007369	0.1827	1.1404	1.1118	0.0975	52.45
13	89501299	rs9583775	A	G	4	0.009174	0.1828	0.8912	0.9105	0.1081	50.61
2	106761667	rs1448105	A	T	4	0.0009782	0.183	0.8792	0.9091	0.0472	62.24
3	106400088	rs1568420	C	T	4	0.003441	0.1831	0.8751	0.9034	0.0846	54.76
8	127597922	rs11986722	C	G	4	0.05688	0.1836	0.9009	0.8529	0.0107	73.21
10	30338528	rs10826749	C	T	4	0.01995	0.1836	1.0845	1.077	0.1062	50.94
4	154494114	rs6841435	C	T	4	0.3195	0.1838	0.9649	0.882	0.0009	81.75
1	88286774	rs4655998	A	C	4	0.4045	0.1839	1.0306	1.1372	0.0009	81.87
3	15090876	rs9868848	A	G	4	0.09794	0.1841	0.8779	0.7952	0.0072	75.1
3	172404356	rs16855954	A	C	2	0.004868	0.1841	0.2805	0.331	0.0763	68.16
2	57633546	rs10153799	G	T	3	0.0003334	0.1842	1.8133	1.6418	0.0305	71.34
2	106756383	rs6747891	A	G	4	0.0009687	0.1842	0.8801	0.9102	0.0484	61.97
1	74160464	rs1340424	C	G	4	0.06678	0.1846	1.0679	1.111	0.0087	74.22
1	88287316	rs4656002	C	T	4	0.4003	0.1846	1.0309	1.1368	0.0009	81.84
1	88286988	rs4656000	A	G	4	0.4013	0.1847	0.9701	0.88	0.0009	81.74
21	40053815	rs2837175	C	T	4	0.01752	0.1851	1.0927	1.0834	0.0971	52.52
1	225263125	rs12403236	C	G	4	0.05092	0.1854	0.9351	0.9012	0.007	75.25
1	88287567	rs10923015	A	T	4	0.4009	0.1855	0.9701	0.88	0.0009	81.79
1	88288082	rs4656003	C	T	4	0.4019	0.1856	1.0308	1.1364	0.0009	81.82
1	94942350	rs841329	A	G	4	0.08782	0.1856	1.0632	1.0982	0.0279	67.07
1	88287018	rs4656001	A	G	4	0.407	0.1859	1.0305	1.1364	0.0009	81.85
6	99031598	rs11154359	A	G	4	0.001465	0.186	0.7318	0.7906	0.0427	63.27
1	19517442	rs2064378	A	G	4	0.06575	0.1861	1.0752	1.1143	0.0175	70.38
12	78733055	rs17005986	C	T	3	0.03628	0.1863	1.4006	1.5639	0.0298	71.55
4	74585279	rs4311283	C	T	3	0.02105	0.1869	0.7312	0.6339	0.0065	80.16
12	78691492	rs12833727	C	G	3	0.03661	0.1869	0.7126	0.6385	0.0298	71.52
6	99032521	rs9491644	A	G	4	0.00155	0.1872	1.3656	1.2649	0.0423	63.36
11	9123690	rs2291840	A	C	4	0.008373	0.1874	1.1266	1.1102	0.0654	58.41
12	78710196	rs7961195	C	T	3	0.03614	0.1874	1.4045	1.5685	0.0289	71.77
2	106755485	rs11888992	C	G	4	0.0009812	0.1877	1.1361	1.0983	0.0469	62.31
3	18374868	rs7621961	A	G	4	0.002462	0.1877	1.3243	1.3446	0.0039	77.55
6	41405361	rs9471573	A	G	4	0.0006457	0.188	0.8856	0.9008	0.0086	74.28
4	166318168	rs4132377	C	G	3	0.01012	0.1882	0.8221	0.8152	0.0302	71.43

2	128340581	rs2118204	C	T	4	0.009668	0.1889	1.0967	1.09	0.0482	62
1	110906436	rs1105101	C	G	4	0.01409	0.1891	0.9074	0.9002	0.0213	69.06
1	74176368	rs1340447	A	C	4	0.07158	0.1894	0.938	0.8988	0.0062	75.75
2	30856523	rs17041560	A	G	4	0.002911	0.1901	0.9005	0.925	0.0795	55.71
4	136732205	rs1038151	G	T	4	0.004313	0.1905	1.1048	1.0856	0.0556	60.42
10	30337993	rs1418276	C	T	4	0.02014	0.1905	1.0849	1.0764	0.1048	51.17
1	199814155	rs617053	A	G	4	0.5144	0.1906	1.0261	1.1648	0.0001	85.77
2	30846223	rs17010236	G	T	4	0.0002358	0.1906	1.145	1.0973	0.0335	65.53
21	40078450	rs4337554	A	G	4	0.006698	0.1906	0.9024	0.914	0.0508	61.44
7	145214888	rs4370447	A	G	4	0.1212	0.1908	0.9101	0.8553	0.0289	66.79
2	106755321	rs11887836	C	G	4	0.001019	0.1909	1.1356	1.0978	0.0461	62.48
20	24094378	rs2208014	C	T	3	0.0526	0.1909	0.7576	0.6479	0.0168	75.54
1	110905211	rs6656346	A	G	4	0.01494	0.191	1.1002	1.1091	0.0217	68.95
17	51764470	rs759107	A	G	4	0.0002643	0.191	1.1513	1.1088	0.0217	68.95
1	88293965	rs12118601	C	T	4	0.4641	0.1921	1.0283	1.1482	0.0005	83.23
3	124839752	rs820464	C	G	4	0.01391	0.1923	1.1862	1.2217	0.0086	74.32
2	106754304	rs2377685	G	T	4	0.0009336	0.1924	0.8797	0.9105	0.0435	63.07
1	199813717	rs1267131	A	C	4	0.4937	0.1926	0.9731	0.8578	0.0001	85.96
1	74177642	rs2733267	A	G	4	0.07306	0.193	0.9378	0.8986	0.0059	75.98
1	160514028	rs7511679	C	T	4	0.08094	0.193	1.1138	1.1951	0.0124	72.42
6	99032544	rs9491645	C	T	4	0.001548	0.193	1.3671	1.266	0.0428	63.25
11	81005553	rs1945662	C	T	4	0.2981	0.1932	0.9644	0.8971	0.0037	77.79
1	110912891	rs7526907	A	G	4	0.0164	0.1933	0.91	0.9049	0.0286	66.86
4	154177648	rs17029520	C	T	4	0.01195	0.1935	0.9114	0.9034	0.0154	71.19
4	154165619	rs4696159	C	T	4	0.01617	0.1936	0.9132	0.9033	0.0178	70.29
1	160514702	rs11800645	G	T	4	0.08226	0.1937	0.8982	0.8367	0.0121	72.56
7	84686625	rs2732738	A	G	4	0.102	0.1938	0.9347	0.8923	0.0139	71.77
1	199815919	rs511201	A	G	4	0.5215	0.1939	0.9752	0.8589	0.0001	86.18
4	72354319	rs2602098	G	T	4	0.1441	0.194	1.0657	1.1897	0	87.04
2	115905074	rs7581748	A	T	4	0.1999	0.1944	0.9261	0.8163	0.0006	82.75
6	41404359	rs9471568	C	T	4	0.0004048	0.1947	1.1319	1.1119	0.0052	76.49
7	84686884	rs2732737	A	G	4	0.1037	0.1947	0.935	0.8923	0.0136	71.93
17	24510385	rs902580	A	C	4	0.2375	0.1947	1.0426	1.1114	0.006	75.87
17	51775701	rs2110200	G	T	4	0.0002615	0.1948	1.1527	1.1091	0.0204	69.36
2	106754935	rs11894298	C	T	4	0.001031	0.1954	0.8807	0.9113	0.0443	62.89
2	106755254	rs11894451	C	T	4	0.001031	0.1954	0.8807	0.9113	0.0443	62.89
9	77923214	rs2185227	A	G	4	0.00375	0.1954	1.1687	1.1409	0.039	64.15

2	40410780	rs2160236	C	G	4	0.00207	0.1957	1.1206	1.0838	0.0851	54.68
1	225264308	rs6693535	A	G	4	0.07268	0.196	1.0648	1.1074	0.0079	74.71
18	37293712	rs4318293	A	C	4	0.1203	0.1962	1.0595	1.1147	0.0072	75.12
7	84685921	rs2732741	A	T	4	0.101	0.1963	1.0705	1.1246	0.0101	73.51
6	41403590	rs2395773	C	T	4	0.0004061	0.1966	1.1318	1.1118	0.005	76.66
6	41403603	rs2395774	A	G	4	0.0004061	0.1966	1.1318	1.1118	0.005	76.66
4	154177907	rs10012544	A	T	4	0.01164	0.1968	1.0982	1.1065	0.0156	71.11
16	6609627	rs8062885	C	G	4	0.006605	0.1968	1.1008	1.107	0.0093	73.93
4	154191355	rs17029545	C	T	4	0.007308	0.1969	1.1045	1.0997	0.0286	66.86
6	41403756	rs4605877	G	T	4	0.0004128	0.197	0.8837	0.8996	0.005	76.64
12	88790264	rs12424558	C	G	4	0.008189	0.1971	0.8459	0.8771	0.1016	51.72
13	43897258	rs2325129	C	T	4	0.03638	0.1974	0.9277	0.9003	0.0078	74.77
16	53798452	rs12935507	A	T	4	0.009751	0.1974	0.8762	0.8687	0.0144	71.57
1	74175716	rs2733265	C	G	4	0.081	0.1976	0.9399	0.9	0.0058	76.07
4	154568191	rs6535917	A	G	4	0.2577	0.1978	1.0422	1.1108	0.0087	74.25
4	92465367	rs3762827	A	G	3	0.1813	0.198	1.0559	1.1573	0.0019	83.98
18	37374178	rs2587632	C	T	4	0.1287	0.1982	1.0584	1.1	0.0257	67.7
18	37373309	rs2587634	C	T	4	0.1296	0.1985	1.0582	1.0996	0.0265	67.47
6	41404430	rs13208294	A	G	4	0.0004265	0.1987	1.1313	1.1113	0.005	76.66
6	41404488	rs13208406	A	C	4	0.0004265	0.1987	1.1313	1.1113	0.005	76.66
6	41405993	rs2395775	C	G	4	0.0004835	0.1988	1.1312	1.112	0.005	76.64
17	24523266	rs6505114	A	G	4	0.2518	0.1989	1.0413	1.1112	0.0056	76.15
6	41406187	rs10755717	A	G	4	0.0005452	0.199	1.1311	1.1128	0.005	76.63
18	37368108	rs2612339	A	G	4	0.1285	0.199	1.0579	1.0994	0.025	67.89
6	41400115	rs10807260	C	T	4	0.0004575	0.1991	0.8845	0.8993	0.0046	76.99
6	41400213	rs10807261	A	C	4	0.0004575	0.1991	0.8845	0.8993	0.0046	76.99
7	84686087	rs2534851	G	T	4	0.1054	0.1993	0.9353	0.8937	0.0143	71.63
11	81004683	rs10897849	A	G	4	0.3174	0.1993	0.9657	0.8983	0.0036	77.84
21	40101946	rs2410182	A	G	4	0.005898	0.1996	0.9074	0.923	0.0621	59.07
6	41402893	rs13219519	A	T	4	0.0004458	0.1998	0.8843	0.8993	0.0045	77.04
6	41401304	rs12198812	C	T	4	0.000461	0.2004	0.8846	0.8994	0.0045	77.05
6	41402924	rs13203392	C	T	4	0.000442	0.2007	1.131	1.1119	0.0044	77.12
4	154181234	rs4583737	A	C	3	0.006525	0.2008	1.1095	1.1227	0.0093	78.62
6	41402041	rs9462699	A	G	4	0.0004556	0.2008	1.1306	1.1118	0.0044	77.11
18	37343203	rs2587642	C	T	4	0.1273	0.2008	1.0568	1.114	0.0053	76.43
6	41399757	rs9471557	C	T	4	0.0004697	0.2009	1.1303	1.1118	0.0044	77.1
6	41406742	rs7771870	A	T	4	0.000532	0.2009	1.1314	1.1127	0.0048	76.81

6	41399986	rs9471560	A	G	4	0.0004499	0.201	0.8844	0.8992	0.0043	77.21
11	81005829	rs7946763	A	C	4	0.328	0.201	1.0347	1.1134	0.0034	78.07
6	41404657	rs12525710	C	T	4	0.0004374	0.2013	1.131	1.1106	0.005	76.67
7	145228893	rs12703745	A	G	4	0.1398	0.2014	1.0935	1.163	0.0308	66.26
6	41405925	rs1905568	C	T	4	0.0005201	0.2018	1.1303	1.1113	0.0049	76.74
15	58790190	rs8027032	C	T	3	0.22	0.2019	0.9287	0.7528	0.0004	87.17
2	115906362	rs1712005	A	G	4	0.2063	0.2021	1.0789	1.2298	0.0003	83.88
12	60704889	rs348696	C	T	4	0.1411	0.2021	0.9419	0.8987	0.0172	70.5
6	99034084	rs9491646	A	G	4	0.00185	0.2027	0.737	0.7949	0.0382	64.35
2	115906019	rs1717054	C	T	4	0.2144	0.203	0.9281	0.8146	0.0004	83.67
3	27906342	rs993668	C	G	4	0.02469	0.2032	1.1471	1.1327	0.0976	52.44
2	44191376	rs6732415	A	G	4	0.002166	0.2033	1.4306	1.4036	0.0147	71.44
18	37368855	rs2848770	A	G	4	0.1335	0.2033	1.0576	1.0994	0.0241	68.17
5	28807655	rs1423298	C	T	4	0.03204	0.2034	1.0966	1.1292	0.0081	74.56
12	94738331	rs7134181	C	T	4	0.01541	0.2036	0.9097	0.9241	0.1087	50.5
2	30846381	rs17324843	A	G	4	0.0002913	0.204	0.8751	0.9132	0.0316	66.03
7	84684755	rs2732742	A	G	4	0.1075	0.204	0.9365	0.8948	0.0128	72.26
20	924269	rs6056488	A	G	3	0.04088	0.2041	0.7977	0.7043	0.0135	76.77
3	63499138	rs12054371	C	T	4	0.0005025	0.2042	1.1765	1.1245	0.028	67.03
16	6607296	rs17664315	G	T	4	0.006629	0.2054	1.1015	1.1004	0.0149	71.37
11	81037775	rs17142733	A	G	4	0.2665	0.2056	0.9553	0.8884	0.0061	75.84
7	84680820	rs2732744	C	T	4	0.1061	0.206	1.0681	1.1161	0.0139	71.79
2	115891622	rs843390	C	G	4	0.2273	0.2061	1.0752	1.2262	0.0004	83.7
10	19333212	rs10763789	C	G	4	0.00452	0.2061	1.1444	1.11	0.064	58.68
2	115904553	rs843394	G	T	4	0.2265	0.2065	1.0754	1.2259	0.0004	83.68
10	85961327	rs4933978	A	G	4	0.02362	0.2067	0.9146	0.9122	0.0495	61.73
11	106690064	rs10789607	C	T	3	0.08739	0.2073	0.7769	0.6077	0.0037	82.16
18	37292163	rs11874148	C	T	4	0.1256	0.2074	0.9438	0.8984	0.0073	75.06
17	24442232	rs4965417	C	T	4	0.2694	0.2076	0.9618	0.9079	0.0115	72.85
10	6933270	rs1013250	A	G	4	0.04051	0.2079	1.2518	1.3041	0.0303	66.38
4	154185069	rs2406144	C	T	4	0.008398	0.208	1.1023	1.1005	0.0207	69.28
6	25277765	rs16890179	C	T	4	0.008509	0.2082	0.888	0.9131	0.1094	50.37
2	219216616	rs3770213	A	T	3	0.1727	0.2083	1.052	1.1215	0.0078	79.42
5	25900515	rs11949113	G	T	4	0.456	0.2083	1.0282	1.1319	0.0009	81.7
10	131545202	rs4751138	C	T	4	0.01459	0.2084	1.1017	1.0838	0.1002	51.98
12	94722758	rs12582105	A	G	4	0.01655	0.2086	1.0981	1.0817	0.1057	51.03
2	115974128	rs6712054	C	T	4	0.2669	0.2087	0.9362	0.8332	0.0017	80.12

10	30338084	rs1418278	A	G	4	0.0228	0.2087	0.9237	0.9303	0.091	53.61
16	53802538	rs17291845	A	G	4	0.009472	0.2091	1.1417	1.1486	0.0126	72.34
17	24570756	rs727999	A	G	4	0.3626	0.2091	0.9665	0.8937	0.004	77.49
10	30336364	rs4749520	A	G	4	0.0216	0.2093	1.0839	1.0747	0.0947	52.95
17	24438034	rs4795495	C	G	4	0.2685	0.2093	0.9617	0.9085	0.0118	72.68
20	24128615	rs224159	C	T	3	0.06828	0.2093	0.7688	0.6499	0.0135	76.78
6	90708506	rs210052	C	T	4	0.1053	0.2104	0.9416	0.9008	0.0091	74.01
16	70636408	rs1424241	A	G	4	0.01418	0.2107	0.8935	0.9023	0.0605	59.4
17	24488142	rs1388175	A	C	4	0.2685	0.2107	0.9617	0.9067	0.0093	73.92
2	37367267	rs10181140	G	T	4	0.2576	0.2108	1.0488	1.1256	0.0085	74.36
5	25905847	rs1366465	C	T	4	0.4694	0.2109	1.0271	1.1299	0.001	81.63
9	133647911	rs7851410	C	T	4	0.2697	0.2109	1.042	1.1225	0.0026	78.89
2	128337564	rs1045832	A	G	4	0.008999	0.2111	0.9111	0.9182	0.0361	64.86
5	26041000	rs6880807	G	T	4	0.565	0.2113	1.0217	1.1386	0.0003	83.91
18	37367434	rs2848768	C	T	4	0.1503	0.2113	0.9481	0.9119	0.0251	67.89
20	55505059	rs2182970	G	T	3	0.01217	0.2114	0.9122	0.9189	0.0593	64.6
5	25900953	rs11949195	A	T	4	0.4832	0.2115	0.9744	0.8844	0.0009	81.84
2	229868406	rs1419948	A	C	4	0.01439	0.2121	0.848	0.8577	0.0523	61.1
5	25906087	rs12658597	C	T	4	0.4755	0.2121	0.9739	0.8855	0.001	81.56
9	133647188	rs10793897	C	T	4	0.2644	0.2121	0.9588	0.8916	0.0031	78.39
1	74229988	rs2343194	A	G	4	0.359	0.2122	0.9667	0.8961	0.004	77.47
12	130855942	rs12319878	C	T	4	0.02159	0.2123	0.9216	0.9321	0.1117	49.99
12	94738697	rs12366571	A	C	4	0.009252	0.2127	0.9048	0.9228	0.0831	55.04
6	116094037	rs9387353	C	T	4	0.02385	0.2129	0.9059	0.8923	0.0141	71.69
2	128338961	rs13411546	A	G	4	0.01212	0.2131	1.0936	1.0856	0.0469	62.3
1	215512121	rs6604542	A	G	4	0.08472	0.2133	0.9419	0.9196	0.0304	66.36
5	13536969	rs3915771	A	G	4	0.01919	0.2133	0.9207	0.9304	0.0946	52.97
17	24474102	rs882729	C	T	4	0.2808	0.2135	1.0391	1.1024	0.0096	73.75
1	225275244	rs2104861	C	T	4	0.01766	0.2136	0.9186	0.8981	0.0038	77.66
17	24548368	rs4965978	C	T	4	0.2843	0.2136	1.0386	1.1072	0.0058	76.05
3	124852418	rs1254389	A	T	4	0.007698	0.2137	1.2223	1.2156	0.0125	72.37
7	84683866	rs2732743	C	T	4	0.1117	0.214	1.0673	1.1157	0.0125	72.36
1	215512946	rs10863316	C	T	4	0.08539	0.2141	1.0616	1.0872	0.0306	66.3
17	24474555	rs7219630	A	G	4	0.2812	0.2144	0.9624	0.9074	0.0096	73.74
3	116985171	rs2972491	A	G	4	0.002151	0.2145	0.8413	0.8887	0.0802	55.57
2	128341634	rs7572242	C	T	4	0.01117	0.2148	0.9135	0.9188	0.0364	64.79
2	115890266	rs843393	A	G	4	0.2558	0.2149	1.0706	1.2226	0.0003	83.86

1	215513296	rs10863317	A	C	4	0.08667	0.2153	0.9422	0.9198	0.0302	66.42
11	113509338	rs12278218	C	T	4	0.1063	0.2153	0.9078	0.8664	0.0281	67
2	30858988	rs6548034	A	G	4	0.003309	0.2156	1.1099	1.0783	0.0726	57.01
6	87197144	rs9362322	A	T	4	0.01358	0.2158	1.1201	1.1164	0.03	66.47
21	40052396	rs4816652	C	T	4	0.02256	0.216	0.9171	0.9239	0.0778	56.03
6	40754017	rs7759444	A	G	4	0.01052	0.217	1.1167	1.126	0.0094	73.86
1	215519038	rs6604543	A	G	4	0.0844	0.2171	0.9418	0.9187	0.026	67.6
2	229880420	rs1226954	C	T	4	0.02191	0.2174	0.8511	0.8491	0.0399	63.94
1	74218172	rs10890101	C	T	4	0.3996	0.2177	0.9701	0.892	0.0013	80.86
17	24532830	rs8080958	A	T	4	0.2937	0.2178	1.0378	1.1067	0.0053	76.38
2	113514036	rs1900287	A	G	4	0.007337	0.218	0.9049	0.9196	0.0507	61.47
2	115885861	rs1402446	A	G	4	0.2639	0.2181	0.9345	0.8181	0.0004	83.76
2	115885270	rs1717040	C	T	4	0.265	0.2184	1.0699	1.2221	0.0004	83.76
6	116111190	rs9374562	C	T	4	0.07844	0.2188	0.9333	0.9063	0.0202	69.42
8	54312587	rs16918909	A	G	4	0.009957	0.2189	1.1683	1.1265	0.1008	51.86
2	30855725	rs4952181	A	T	4	0.0001408	0.2191	0.8701	0.9132	0.0228	68.57
14	31527434	rs1952969	G	T	4	0.01832	0.2195	0.9026	0.9065	0.0441	62.93
3	178788491	rs539967	A	C	4	0.01636	0.2196	1.0927	1.0834	0.0618	59.14
2	30860228	rs6548036	C	G	4	0.000129	0.2197	1.1571	1.101	0.0186	69.99
6	6097407	rs3024457	A	C	4	0.01802	0.2197	1.1148	1.0935	0.1126	49.82
11	113508557	rs10488696	A	G	4	0.1143	0.2199	1.1002	1.1536	0.0284	66.92
18	37366392	rs2848766	A	G	4	0.1634	0.22	1.0529	1.0956	0.0233	68.44
18	37366646	rs2848767	C	T	4	0.1634	0.22	1.0529	1.0956	0.0233	68.44
6	116092185	rs12205135	C	G	4	0.0265	0.2202	1.1026	1.1196	0.0137	71.85
2	115959914	rs10496495	C	T	4	0.2721	0.2207	1.0682	1.2128	0.0005	82.9
2	229871291	rs1226973	A	C	4	0.01663	0.221	0.851	0.8601	0.0521	61.14
7	69842984	rs7777347	A	G	4	0.1929	0.2211	0.9552	0.9094	0.0097	73.71
11	15157736	rs10160390	C	T	4	0.1866	0.2212	1.0488	1.0982	0.0153	71.21
1	215513377	rs10863318	A	G	4	0.09276	0.2213	0.9433	0.9206	0.0295	66.61
2	229875214	rs17257436	A	G	4	0.01751	0.2219	0.8527	0.8617	0.0549	60.56
18	37363038	rs2703176	C	T	4	0.1666	0.222	1.0525	1.0953	0.023	68.54
18	37364633	rs2587615	C	T	4	0.1666	0.222	1.0525	1.0953	0.023	68.54
18	37365020	rs2612344	C	T	4	0.1666	0.222	1.0525	1.0953	0.023	68.54
4	154187592	rs908535	A	G	4	0.008781	0.2221	0.9076	0.9112	0.0206	69.3
1	215518894	rs4846404	A	G	4	0.08814	0.2222	0.9425	0.9201	0.0272	67.26
18	37365054	rs2612343	C	T	4	0.1674	0.2224	0.9502	0.9128	0.0224	68.7
20	925164	rs6056491	A	G	4	0.05936	0.2224	0.8664	0.8119	0.0072	75.12

1	215514615	rs11117833	C	T	4	0.09157	0.2227	1.0604	1.0872	0.0264	67.49
6	94799746	rs679881	A	G	4	0.0001534	0.2232	1.1493	1.0914	0.0329	65.7
12	49895867	rs6580809	C	T	4	0.01644	0.2239	0.9145	0.9189	0.0428	63.24
2	113506112	rs6724667	A	G	4	0.009232	0.2241	0.9042	0.9158	0.0436	63.06
1	215514042	rs12074981	C	T	4	0.09334	0.2242	0.9434	0.9209	0.029	66.76
1	215517984	rs6666935	C	T	4	0.09016	0.2242	0.9429	0.9204	0.027	67.33
6	94778822	rs4707818	C	G	4	0.00588	0.2242	0.9072	0.9319	0.0961	52.69
10	26606462	rs11015025	C	T	3	0.002794	0.2242	1.2034	1.1526	0.0569	65.1
12	60689368	rs980891	C	T	4	0.1557	0.2244	0.9435	0.903	0.0176	70.33
12	65684056	rs11176528	C	T	4	0.1304	0.2244	1.0887	1.16	0.0101	73.5
1	180321600	rs3856106	C	T	4	0.3141	0.2246	1.0386	1.1241	0.0017	80.16
8	135194786	rs1457473	A	G	4	0.008655	0.2248	1.0959	1.0821	0.0433	63.13
1	23097909	rs309543	A	G	4	0.01259	0.225	1.0945	1.0737	0.1012	51.8
1	215516984	rs7532623	C	T	4	0.09391	0.225	1.0599	1.0858	0.0287	66.84
2	115970570	rs17362720	A	G	4	0.2922	0.2252	1.0646	1.1874	0.0026	78.9
2	30859743	rs11675229	C	T	4	0.00362	0.2253	1.1108	1.0791	0.066	58.29
12	65692893	rs992738	C	T	4	0.1151	0.2255	0.9152	0.8612	0.0093	73.89
3	15090727	rs9851219	C	T	3	0.09967	0.2258	1.1457	1.2943	0.0027	83.07
18	37362872	rs2703183	A	T	4	0.1697	0.2258	0.9504	0.9133	0.0224	68.73
6	41404395	rs13208606	A	G	4	0.01118	0.2259	0.9145	0.9147	0.0165	70.77
7	69839751	rs10270627	G	T	4	0.1762	0.2259	1.0488	1.0977	0.0106	73.28
2	229868477	rs1419947	A	G	4	0.01588	0.2263	0.85	0.8596	0.047	62.27
2	229877443	rs1226959	A	C	4	0.01819	0.2263	0.8525	0.86	0.0499	61.64
12	65682486	rs11176527	A	G	4	0.1336	0.2266	1.0875	1.1543	0.0132	72.1
2	115894049	rs843385	C	T	4	0.296	0.2269	1.0648	1.2181	0.0003	84.11
2	17248139	rs12467252	C	T	4	0.2446	0.2271	0.9576	0.907	0.0129	72.21
1	215514427	rs12059973	C	T	4	0.09673	0.2272	1.0594	1.0853	0.0289	66.77
16	64006980	rs17439546	C	T	4	0.224	0.2273	0.9222	0.844	0.0097	73.71
13	41468201	rs11619622	A	G	4	0.04708	0.2274	0.9324	0.9154	0.0181	70.18
14	31528650	rs10143992	C	G	4	0.01932	0.2277	1.107	1.1023	0.0415	63.53
1	215509686	rs4436446	C	T	4	0.09216	0.228	0.9432	0.9212	0.0282	66.97
21	40052413	rs4816653	C	T	4	0.02308	0.2281	0.9186	0.9264	0.0755	56.45
16	64006260	rs10500520	A	G	4	0.2274	0.2283	0.923	0.8442	0.0093	73.9
6	15948412	rs16877105	A	G	4	0.02207	0.2286	1.1244	1.111	0.0742	56.71
12	60709833	rs348692	A	G	4	0.1459	0.2287	1.0605	1.1007	0.025	67.9
18	44768190	rs2635509	A	G	4	0.3941	0.2289	1.031	1.1252	0.0005	83.21
2	229868175	rs1922458	A	G	4	0.01623	0.2293	0.8505	0.8602	0.0463	62.43

22	23875909	rs875352	C	G	4	0.2818	0.2296	0.9582	0.9017	0.0123	72.46
2	30860140	rs17010271	C	T	4	0.003626	0.2298	1.1109	1.0788	0.0641	58.66
6	80193185	rs3846739	A	G	4	0.02927	0.2299	1.1172	1.1411	0.0116	72.79
14	31530235	rs10483393	C	T	4	0.01867	0.2304	0.9028	0.9071	0.0397	63.99
9	133646531	rs11243525	A	T	4	0.2843	0.2305	0.9605	0.8954	0.0031	78.37
11	41016901	rs996263	A	T	4	0.02861	0.2307	1.2414	1.2273	0.0654	58.42
17	24573932	rs9900880	A	G	4	0.3976	0.2307	0.9689	0.8994	0.0045	77.01
22	23876617	rs9624730	C	T	4	0.2851	0.2309	1.0433	1.1086	0.0125	72.4
12	17411380	rs2936206	A	G	4	0.01174	0.231	1.0918	1.0721	0.0861	54.5
16	64011536	rs17530421	C	T	4	0.2324	0.231	0.9238	0.8459	0.01	73.57
20	19740762	rs6136840	C	G	4	0.06276	0.2314	0.8935	0.8553	0.0094	73.88
2	113507953	rs2862772	C	G	4	0.007018	0.2317	0.9095	0.9281	0.06	59.51
4	154482001	rs6535914	C	T	4	0.4875	0.2319	1.027	1.1294	0.0007	82.4
1	215514934	rs11117836	G	T	4	0.1019	0.2321	1.0584	1.0846	0.0283	66.94
6	94785340	rs582835	C	T	4	0.0001174	0.2324	0.868	0.9163	0.0277	67.1
22	23878986	rs9624734	C	T	4	0.2898	0.2324	1.0428	1.1082	0.0124	72.43
11	81032483	rs1540176	C	T	4	0.2533	0.2328	0.9581	0.9091	0.0157	71.06
2	17251771	rs13031560	C	T	4	0.2626	0.2333	1.0426	1.1019	0.012	72.61
2	17250287	rs11898524	C	T	4	0.2629	0.2335	1.0425	1.1017	0.0122	72.49
21	40057208	rs2837183	C	T	4	0.0233	0.2335	1.0884	1.0791	0.0717	57.18
22	23879405	rs9624735	A	G	4	0.2929	0.2336	0.9592	0.9026	0.0124	72.4
2	30858801	rs4597574	C	T	4	0.003313	0.2341	0.9017	0.9294	0.0658	58.33
12	45757706	rs2269828	A	G	3	0.0001301	0.2342	0.8505	0.8973	0.0215	73.97
2	17250643	rs11893015	C	T	4	0.2668	0.2347	0.9595	0.9078	0.012	72.59
1	173288830	rs12409660	C	G	4	0.1366	0.235	1.0613	1.1324	0.0009	81.76
2	113514395	rs2862776	A	G	4	0.008244	0.235	0.9062	0.9211	0.0452	62.69
3	59333230	rs11130703	C	T	4	0.0004337	0.2357	1.1421	1.0918	0.0292	66.7
2	17263221	rs7419572	A	G	4	0.2683	0.2358	1.042	1.1018	0.0115	72.82
2	116082577	rs17454262	C	T	4	0.2767	0.2358	1.0723	1.1977	0.0028	78.69
12	65718923	rs7955793	A	G	4	0.1948	0.2358	1.0681	1.1462	0.0061	75.81
20	19742718	rs6136842	C	G	4	0.06698	0.2359	0.8951	0.8572	0.0099	73.63
1	173301266	rs10912878	A	T	4	0.144	0.236	0.943	0.8832	0.0009	81.78
22	23885789	rs6004454	A	G	4	0.2991	0.236	0.9597	0.9033	0.0128	72.25
2	229875567	rs16825971	C	T	4	0.01927	0.2366	0.8548	0.8637	0.0492	61.78
6	94792276	rs1488324	A	G	4	0.0003618	0.2366	1.1413	1.0863	0.0423	63.35
6	94789896	rs1586510	C	T	4	0.0001415	0.2368	1.1501	1.0901	0.0285	66.88
6	90708821	rs210051	A	G	4	0.1354	0.2369	1.0574	1.1094	0.005	76.6

8	19199623	rs1514708	C	G	4	0.2221	0.2369	1.1008	1.2074	0.0181	70.16
6	94800718	rs1463678	A	G	4	0.0001952	0.2371	1.1468	1.089	0.0317	66
13	43934565	rs9595128	A	G	4	0.1239	0.2371	1.0565	1.0945	0.0142	71.64
10	30437462	rs17295031	A	G	4	0.0008664	0.2372	0.8832	0.9243	0.0605	59.4
22	23875612	rs875353	A	G	4	0.3051	0.2373	0.9602	0.903	0.012	72.61
2	17262933	rs1519969	A	T	4	0.2732	0.2375	1.0416	1.1014	0.0115	72.85
22	23890601	rs16979684	A	C	4	0.3056	0.2376	1.0412	1.1062	0.0126	72.32
2	17262967	rs1519968	A	C	4	0.2733	0.2377	0.9601	0.908	0.0116	72.8
2	17263402	rs16983357	C	G	4	0.2735	0.2377	1.0416	1.1015	0.0113	72.9
2	17263810	rs2030358	C	T	4	0.2735	0.2377	1.0416	1.1015	0.0113	72.9
2	17263874	rs2030357	A	G	4	0.2733	0.2377	0.9601	0.908	0.0116	72.8
12	94729110	rs10859956	C	T	4	0.01947	0.2377	1.0955	1.0784	0.0938	53.11
1	159363865	rs12727614	A	T	4	0.08523	0.2383	1.0691	1.0982	0.0198	69.58
2	17265222	rs11677772	G	T	4	0.2743	0.2387	0.9601	0.9082	0.0116	72.8
2	17266477	rs1507986	C	T	4	0.2743	0.2387	0.9601	0.9082	0.0116	72.8
2	17267063	rs2174865	C	G	4	0.2743	0.2387	0.9601	0.9082	0.0116	72.8
2	30855109	rs17010264	C	G	4	0.0001856	0.2387	0.8722	0.9158	0.021	69.18
2	30861183	rs6754455	C	T	4	0.004346	0.2387	1.1111	1.0801	0.0573	60.06
11	15188429	rs16931216	A	G	4	0.1091	0.2387	0.856	0.7879	0.0123	72.48
2	30860893	rs2090734	A	T	4	0.003954	0.2389	1.1115	1.0797	0.0573	60.05
22	23880247	rs6004449	A	G	4	0.3105	0.2389	1.0407	1.1061	0.0124	72.42
5	28990579	rs17583873	C	T	4	0.04911	0.239	1.0885	1.1221	0.0065	75.58
2	17263551	rs11693140	A	T	4	0.2783	0.2394	0.9605	0.9083	0.0115	72.84
2	107772978	rs7569095	C	G	3	0.009653	0.2394	1.1095	1.0868	0.0768	61.05
10	85956301	rs7084853	A	G	4	0.03483	0.2398	1.0882	1.0946	0.0372	64.6
1	215516242	rs6675347	C	T	4	0.1105	0.2399	1.057	1.0835	0.0274	67.2
1	215516892	rs7540354	A	G	4	0.1109	0.2401	1.0569	1.0833	0.0278	67.08
2	17264870	rs11673738	A	T	4	0.2794	0.2403	1.0411	1.1009	0.0113	72.93
20	55503911	rs6025590	A	G	4	0.01783	0.2407	1.0881	1.0734	0.0809	55.45
13	43946832	rs9595132	A	G	4	0.1318	0.2413	1.0553	1.094	0.0137	71.87
6	90702947	rs292251	A	G	4	0.151	0.2417	1.0552	1.1056	0.0067	75.42
2	219247043	rs7604319	A	C	4	0.1681	0.242	1.0506	1.0965	0.0112	72.99
2	17267310	rs13020402	C	T	4	0.2843	0.2421	0.9609	0.9087	0.0114	72.87
13	43922370	rs12583155	C	T	4	0.1311	0.2421	0.9475	0.9147	0.0144	71.59
6	87194834	rs9351097	G	T	4	0.01937	0.2424	0.8959	0.9017	0.0379	64.4
10	6924140	rs17400327	C	T	4	0.0459	0.2426	0.8088	0.7787	0.0203	69.41
10	9906737	rs7913128	A	G	4	0.1708	0.2427	0.9301	0.8837	0.023	68.53

7	146666000	rs826802	G	T	4	0.2019	0.243	1.0489	1.0951	0.0193	69.74
1	66628614	rs12406429	A	G	4	0.01931	0.2433	0.8487	0.8766	0.102	51.66
11	23653839	rs12279140	A	C	3	0.2059	0.2435	1.1805	1.7585	0.0046	81.4
6	90703875	rs292250	A	G	4	0.153	0.2436	1.0549	1.1059	0.0061	75.84
12	114340512	rs11067588	C	G	4	0.006991	0.2437	1.1184	1.0894	0.0572	60.07
19	37368199	rs4334417	A	G	4	0.4456	0.2437	0.9721	0.9039	0.0045	77.01
21	40054047	rs9983659	C	T	4	0.02547	0.2437	1.087	1.0777	0.0696	57.59
13	89489076	rs9583770	A	G	4	0.02489	0.244	0.906	0.9216	0.1042	51.28
22	23890579	rs16979683	A	C	4	0.3256	0.244	1.0395	1.105	0.0123	72.46
2	17260029	rs10495660	G	T	4	0.2933	0.2442	1.0399	1.1002	0.0111	73
2	38458897	rs3806552	A	C	3	0.2514	0.2443	1.0438	1.1243	0.0025	83.3
22	23885948	rs6004456	A	G	4	0.2878	0.2443	0.9582	0.9051	0.0147	71.44
2	113516520	rs4849144	A	G	4	0.009134	0.2454	1.102	1.0843	0.0432	63.15
11	81039404	rs17142744	G	T	4	0.318	0.2454	1.0418	1.1111	0.0081	74.56
2	229865352	rs11678426	A	G	4	0.01713	0.2455	1.1741	1.1575	0.0442	62.91
6	15947234	rs4716002	G	T	4	0.0245	0.2457	0.8917	0.9011	0.0618	59.14
6	94825178	rs1416058	A	T	4	0.0001861	0.2459	1.1483	1.0894	0.027	67.31
13	43928799	rs4942331	C	T	4	0.1396	0.2461	1.0542	1.0925	0.0142	71.64
1	159370069	rs10797093	G	T	4	0.08206	0.2462	1.0678	1.1024	0.0086	74.28
6	90704480	rs182382	C	G	4	0.1541	0.2463	1.0543	1.1049	0.0059	75.94
2	38220587	rs10469900	C	T	4	0.00564	0.2464	1.1246	1.0957	0.0447	62.81
6	99029526	rs9482753	A	G	4	0.00128	0.2464	1.3661	1.2491	0.0205	69.33
5	149561777	rs2240785	C	T	4	0.01561	0.2467	1.2696	1.2327	0.0471	62.27
7	69846869	rs7806434	A	G	4	0.1915	0.2467	0.9551	0.9142	0.0098	73.64
16	75607795	rs2220233	C	T	4	0.2832	0.2468	0.9581	0.9063	0.0165	70.75
4	116454363	rs6533850	A	T	4	0.2479	0.2469	0.9596	0.9058	0.0034	78.02
6	15948658	rs16877108	A	G	4	0.02598	0.247	0.8932	0.902	0.0631	58.87
1	215504627	rs6604663	A	G	4	0.1345	0.2472	0.9497	0.9242	0.0269	67.35
5	28895838	rs17616969	A	G	4	0.05466	0.2472	0.9211	0.8904	0.0043	77.2
11	5350363	rs11037068	G	T	3	0.00973	0.2472	1.2655	1.3022	0.0258	72.65
2	113505787	rs2305150	C	T	4	0.007356	0.2473	1.0983	1.0772	0.048	62.05
1	66607403	rs2311985	A	G	4	0.01908	0.2474	1.1778	1.1397	0.0988	52.22
15	89947230	rs4420510	A	G	4	0.09102	0.2474	0.9369	0.8937	0.0018	79.95
4	116448276	rs6533848	G	T	4	0.2654	0.2476	0.9613	0.9058	0.0031	78.35
4	116450640	rs7698264	C	T	4	0.2654	0.2476	0.9613	0.9058	0.0031	78.35
1	88279379	rs12566596	C	G	4	0.4616	0.2477	0.9711	0.8919	0.0023	79.31
9	10655668	rs4380991	A	T	4	0.2892	0.2477	1.0551	1.1647	0.0007	82.44

16	50235764	rs7204626	C	T	4	0.09437	0.2478	1.0664	1.1117	0.0033	78.1
12	65691760	rs11176534	C	T	4	0.1389	0.2479	0.9202	0.8655	0.0081	74.6
12	65704574	rs905699	C	T	4	0.2212	0.2479	0.9393	0.8741	0.0057	76.12
11	81039330	rs17142739	A	C	4	0.324	0.2483	1.0413	1.1107	0.0079	74.69
20	55508313	rs2209885	C	G	4	0.02114	0.2485	1.0863	1.0725	0.0809	55.44
6	94818482	rs667243	A	G	4	0.0002356	0.2487	1.1447	1.0872	0.0304	66.37
12	65708448	rs11176540	G	T	4	0.2227	0.2487	1.0643	1.1441	0.0055	76.23
14	42258660	rs1777077	C	T	4	0.07721	0.2489	1.0787	1.1093	0.0167	70.69
1	180318899	rs8179259	C	G	4	0.3625	0.2497	1.0353	1.1189	0.0017	80.24
12	65706048	rs6581729	A	G	4	0.2254	0.2497	1.0639	1.144	0.0054	76.3
2	219081012	rs634590	A	C	4	0.1771	0.2499	1.0504	1.0926	0.0166	70.73
4	116442250	rs1396064	G	T	4	0.2721	0.2501	1.0397	1.1035	0.0031	78.36
7	69844069	rs4718991	C	G	4	0.1899	0.2505	0.9549	0.915	0.01	73.56
18	37360470	rs2848760	A	G	4	0.1952	0.2506	0.9532	0.9172	0.0214	69.04
2	155411014	rs2937600	A	G	4	0.01909	0.2507	1.0939	1.0794	0.07	57.5
2	107777551	rs1583938	A	C	3	0.009777	0.2509	1.1093	1.0859	0.0711	62.17
4	92470862	rs6532299	C	T	3	0.2985	0.2509	0.96	0.8887	0.0039	81.99
12	65706599	rs11176539	C	G	4	0.2247	0.2509	1.064	1.1434	0.0056	76.22
6	94830671	rs9354083	C	T	4	0.0002068	0.2511	0.8717	0.9186	0.0265	67.47
2	219270919	rs1863704	A	G	4	0.1821	0.2512	0.9534	0.9117	0.0089	74.12
4	116455401	rs1979975	A	G	4	0.2752	0.2514	0.9621	0.9062	0.003	78.49
4	116455651	rs11098294	C	G	4	0.2752	0.2514	0.9621	0.9062	0.003	78.49
4	116459223	rs6851203	A	G	4	0.2752	0.2514	0.9621	0.9062	0.003	78.49
4	175703538	rs6811079	A	G	4	0.00901	0.2514	0.8523	0.8767	0.0418	63.48
2	106754740	rs1349065	C	G	3	0.0007936	0.2517	1.1446	1.1043	0.0214	74
12	65709564	rs11176545	A	T	4	0.2245	0.2518	1.0644	1.1437	0.0055	76.23
10	36687776	rs11593579	A	G	4	0.06287	0.2523	1.1037	1.148	0.0063	75.67
5	28874857	rs10520944	A	C	4	0.05947	0.2525	0.9226	0.891	0.0041	77.43
12	65705663	rs17103210	A	T	4	0.2259	0.2526	1.0642	1.1436	0.0055	76.27
6	15948891	rs16877113	A	C	4	0.02634	0.2529	1.1199	1.108	0.0619	59.12
6	99010723	rs3104078	A	T	4	0.002078	0.253	0.7505	0.8262	0.0448	62.78
6	94807741	rs2875662	C	T	4	0.0002667	0.2531	0.8747	0.9209	0.0314	66.1
7	17138564	rs7341406	C	G	4	0.07155	0.2535	0.88	0.8495	0.0212	69.11
13	73018296	rs17215110	A	C	4	0.02431	0.2535	0.8919	0.8826	0.0114	72.89
9	10643484	rs4131202	C	T	4	0.1092	0.2537	0.9325	0.8833	0.0017	80.27
6	94816613	rs6919516	A	G	4	0.0003089	0.2542	1.1418	1.0855	0.0322	65.86
6	51288724	rs2465043	A	G	4	0.2232	0.2543	1.0466	1.0958	0.012	72.59

1	116602943	rs2184484	A	G	4	0.01929	0.2555	0.9162	0.924	0.0429	63.22
2	30858680	rs4597573	C	T	4	0.004059	0.2557	0.9038	0.9317	0.0613	59.23
1	110903737	rs12407862	C	T	4	0.01983	0.256	0.9002	0.8969	0.0139	71.77
12	65700060	rs7953084	A	C	4	0.2463	0.2561	1.0615	1.1426	0.0056	76.15
1	215523070	rs7535028	G	T	4	0.132	0.2563	1.0537	1.0818	0.0244	68.1
3	116979664	rs2972493	A	C	4	0.008041	0.2564	0.8677	0.9066	0.1052	51.1
6	99015679	rs3125579	A	G	4	0.002532	0.2564	1.3074	1.2031	0.04	63.91
16	47660593	rs2967260	A	T	4	0.01721	0.2566	1.091	1.0818	0.0579	59.92
4	8386637	rs6858268	C	T	4	0.1028	0.2571	0.9427	0.9197	0.0201	69.48
4	116535799	rs7434366	A	T	4	0.2992	0.2572	1.0385	1.1077	0.0021	79.55
6	94855791	rs669021	C	T	4	0.0003001	0.2576	1.1446	1.0876	0.0284	66.92
2	30858633	rs2030385	C	T	4	0.0002338	0.2581	1.144	1.0886	0.0199	69.55
9	10637333	rs10809144	C	T	4	0.163	0.2581	1.0584	1.1186	0.0024	79.15
22	17946365	rs5748309	C	T	4	0.02839	0.2581	0.9121	0.9243	0.0877	54.21
12	60731556	rs2951468	A	C	4	0.1593	0.2583	1.0599	1.1	0.0187	69.94
12	65699454	rs12369132	A	G	4	0.2469	0.2588	0.9419	0.8753	0.0055	76.23
6	94824189	rs1538283	A	G	4	0.0001785	0.2589	0.8713	0.919	0.0235	68.38
6	94834038	rs9351405	A	G	4	0.000216	0.2591	0.8729	0.9195	0.0244	68.1
1	173301060	rs10798331	A	G	4	0.2816	0.2593	1.04	1.1119	0.0013	80.97
8	32647451	rs12541855	C	T	4	0.1054	0.2596	1.0608	1.1031	0.0043	77.24
5	118636074	rs13361153	A	G	4	0.3886	0.2598	1.0373	1.1192	0.0066	75.46
4	116484342	rs6821637	G	T	4	0.2618	0.26	1.0409	1.1046	0.0023	79.32
6	94830956	rs9445199	A	G	4	0.0002116	0.2606	0.8727	0.9197	0.0241	68.17
11	80658536	rs7941624	A	G	4	0.2834	0.2606	1.0501	1.1214	0.0104	73.36
20	56635234	rs4812022	C	T	4	0.5388	0.2606	1.0304	1.1363	0.0073	75.07
2	113520034	rs7569284	A	G	4	0.01036	0.2607	0.9089	0.9234	0.0382	64.33
2	229863370	rs1226936	G	T	4	0.01717	0.2607	0.8511	0.865	0.038	64.38
6	94849976	rs658208	A	G	4	0.01158	0.2613	1.0932	1.0668	0.098	52.35
10	22883117	rs12146350	C	G	4	0.003252	0.2615	0.9001	0.9331	0.0712	57.28
9	10638898	rs1923439	G	T	4	0.1714	0.2617	1.0572	1.119	0.0021	79.65
3	14908226	rs11924206	G	T	4	0.1771	0.2618	0.947	0.9144	0.0245	68.05
2	133485247	rs1437896	C	T	4	0.7055	0.2619	0.9864	0.8928	0.0004	83.6
2	113514439	rs7557928	G	T	4	0.01052	0.2622	0.9091	0.9238	0.0389	64.18
4	116486031	rs6829587	C	T	4	0.2673	0.2622	1.0404	1.1041	0.0023	79.33
2	219245468	rs2241527	A	G	4	0.1752	0.2624	0.9526	0.915	0.0107	73.21
2	229863870	rs11676521	G	T	4	0.01934	0.2625	0.8536	0.8668	0.0411	63.65
6	94830432	rs9354082	C	T	4	0.0002136	0.2626	0.8728	0.9199	0.0239	68.25

2	229856782	rs1226946	C	T	4	0.01662	0.2628	1.1758	1.1557	0.0371	64.61
6	94814119	rs678036	C	G	4	0.000303	0.2629	0.8757	0.9222	0.0305	66.34
6	30074705	rs9261043	C	T	3	0.0002851	0.2631	0.7088	0.7984	0.0515	66.28
10	47991283	rs3814160	C	T	4	0.008811	0.2636	0.8701	0.8977	0.0485	61.95
4	8386558	rs6825003	C	T	4	0.1089	0.2637	1.0597	1.0863	0.0195	69.67
13	41467528	rs2324845	C	T	4	0.1397	0.2641	1.0535	1.093	0.008	74.65
15	86294466	rs4887337	A	C	4	0.003477	0.2641	1.1813	1.1414	0.0167	70.67
4	116463016	rs11727958	C	T	4	0.3271	0.2643	1.0363	1.1037	0.0031	78.39
4	116460667	rs10516610	C	T	4	0.2826	0.2646	0.9626	0.9065	0.0022	79.41
5	28851719	rs16898178	A	C	4	0.06786	0.2651	0.9249	0.893	0.0037	77.73
4	116483034	rs4834466	C	G	4	0.2821	0.2653	1.0389	1.1033	0.0021	79.53
6	94855506	rs471348	A	G	4	0.01194	0.2656	0.9151	0.9376	0.0964	52.65
1	215522526	rs10158471	A	G	4	0.1442	0.2657	0.9505	0.9254	0.0232	68.48
9	10639309	rs1322303	A	G	4	0.1785	0.2659	0.9468	0.8942	0.002	79.77
11	106222728	rs1954864	G	T	4	0.1156	0.2659	0.9377	0.9075	0.0145	71.54
2	219025492	rs3755042	C	T	4	0.1733	0.2664	0.9525	0.9198	0.0174	70.42
2	13999212	rs747193	A	G	4	0.3362	0.2665	0.9485	0.8754	0.0101	73.51
3	129574792	rs1735538	A	G	4	0.3242	0.2667	1.0401	1.1011	0.0137	71.87
2	219028129	rs7601872	C	G	4	0.1741	0.2668	1.0498	1.0871	0.0174	70.42
3	102284333	rs13096071	C	T	4	0.06519	0.2668	1.1254	1.2146	0.0004	83.74
10	85962578	rs10887255	C	T	4	0.03675	0.2668	0.9209	0.9175	0.0309	66.21
13	43987160	rs9533885	A	G	3	0.002074	0.2668	1.6542	1.3877	0.1412	48.92
8	14884772	rs10097898	A	G	4	0.02915	0.2674	1.0841	1.0766	0.0518	61.23
4	116491650	rs12503088	C	G	4	0.2802	0.2675	0.9622	0.9063	0.0021	79.54
10	85956138	rs960731	G	T	4	0.04484	0.2675	1.0842	1.0901	0.0343	65.32
2	60184903	rs972337	C	T	4	0.3647	0.2676	0.9671	0.9164	0.0134	71.97
11	15191628	rs16931218	C	T	4	0.1376	0.2681	1.1548	1.2508	0.0124	72.44
4	116461695	rs6533852	G	T	4	0.2929	0.2684	0.9634	0.907	0.0021	79.54
7	17140404	rs7341466	G	T	4	0.08469	0.2685	0.883	0.8468	0.0167	70.66
6	94830027	rs1338341	A	G	4	0.0002109	0.2688	0.8727	0.9204	0.0225	68.67
13	43902494	rs2875552	C	T	4	0.176	0.2688	1.0496	1.0908	0.0108	73.18
4	116474793	rs13101335	G	T	4	0.2834	0.2691	1.0391	1.103	0.0021	79.54
8	127013476	rs2087688	A	G	4	0.327	0.2692	1.0361	1.1019	0.0029	78.52
3	102279569	rs16843216	C	T	4	0.2004	0.2693	0.9374	0.8357	0	88.08
6	15953087	rs1927587	C	T	4	0.03004	0.2695	0.8954	0.9037	0.0533	60.9
6	94856518	rs682644	C	T	4	0.01424	0.2696	1.0912	1.066	0.0996	52.08
6	94856881	rs2787948	C	T	4	0.01424	0.2696	1.0912	1.066	0.0996	52.08

2	17267368	rs13018947	C	G	4	0.3333	0.2698	1.0366	1.095	0.0107	73.2
8	127018859	rs4568586	A	T	4	0.3254	0.27	0.9651	0.9076	0.0029	78.59
8	127007226	rs1491476	A	G	4	0.326	0.2702	0.9651	0.9098	0.004	77.5
2	219050528	rs3845835	C	T	4	0.1806	0.2704	0.9532	0.9204	0.0172	70.48
12	94741290	rs10777742	C	T	4	0.02251	0.2704	0.9148	0.9303	0.0821	55.23
8	127015428	rs7819223	C	T	4	0.3296	0.2706	0.9654	0.9076	0.0029	78.61
12	94730019	rs7307769	A	G	4	0.0235	0.2709	1.0925	1.075	0.0808	55.46
4	116435600	rs4464590	C	T	4	0.2898	0.271	1.0385	1.1025	0.0022	79.51
8	140501955	rs2447553	C	T	4	0.52	0.2715	0.9781	0.9172	0.0073	75.03
5	149562853	rs2240791	A	G	4	0.02084	0.2716	1.256	1.2262	0.0386	64.24
21	40054216	rs2837176	C	G	4	0.03014	0.2716	1.0843	1.0752	0.059	59.71
6	92320349	rs9342290	C	T	4	0.4975	0.2718	0.9719	0.8982	0.0067	75.4
6	99803170	rs12194369	A	G	4	0.1191	0.2722	0.9361	0.9045	0.011	73.06
4	116464246	rs1948983	C	G	4	0.3034	0.2723	0.9641	0.9074	0.002	79.67
1	66603687	rs2275644	A	G	4	0.02299	0.2725	0.8516	0.8811	0.0933	53.2
16	75659337	rs1485793	A	G	4	0.4454	0.2728	1.0315	1.1025	0.0131	72.1
2	219060816	rs7571743	C	T	4	0.1743	0.2732	0.9521	0.9189	0.015	71.33
8	32664543	rs12541309	A	G	4	0.4505	0.2734	0.964	0.8801	0.0056	76.2
4	116465817	rs4349617	C	T	4	0.2979	0.2736	0.9635	0.9072	0.002	79.65
2	98863360	rs17022036	G	T	4	0.03722	0.2737	0.8641	0.8608	0.0254	67.78
8	36281532	rs12544826	A	G	4	0.01658	0.2737	0.8957	0.9221	0.1079	50.63
1	66603910	rs7538869	G	T	4	0.02328	0.2742	0.852	0.8814	0.0925	53.34
2	219044188	rs10200507	A	C	4	0.1881	0.2745	0.954	0.921	0.0171	70.54
4	116466112	rs4519812	A	G	4	0.2987	0.2745	0.9636	0.9074	0.002	79.65
20	19738602	rs16981148	A	G	4	0.118	0.2745	1.0984	1.1524	0.0096	73.76
1	81222832	rs1863618	A	G	4	0.01302	0.2746	1.0943	1.0704	0.0742	56.7
6	15945269	rs13211010	C	T	4	0.02466	0.2748	1.1214	1.1076	0.0469	62.29
4	116481902	rs7439118	C	T	4	0.2985	0.2749	1.0378	1.1022	0.002	79.73
3	102284910	rs16843229	A	G	4	0.2278	0.2762	1.064	1.1971	0	88.11
5	93821414	rs9314112	A	G	4	0.5456	0.2762	1.0211	1.0924	0.0055	76.27
4	116473561	rs6533855	A	G	4	0.3142	0.2766	1.0364	1.1016	0.0019	79.88
5	164985118	rs17065434	C	T	4	0.005867	0.2768	0.8911	0.9099	0.0172	70.48
6	94821751	rs2787944	C	T	4	0.0002667	0.277	1.1434	1.0849	0.0229	68.55
9	10625939	rs10756072	A	G	4	0.1921	0.277	0.9491	0.9037	0.0046	76.94
4	127224550	rs11731526	C	G	4	0.1281	0.2776	0.9268	0.8968	0.0217	68.95
1	154309539	rs11264432	A	G	3	0.01294	0.278	0.9085	0.908	0.0123	77.28
2	219067929	rs6710383	G	T	4	0.1832	0.278	1.0493	1.0874	0.0148	71.42

21	40054313	rs2837178	A	G	4	0.03042	0.2781	1.0842	1.0749	0.0558	60.37
9	119035785	rs1335406	A	T	4	0.006204	0.2787	0.8115	0.8585	0.0521	61.15
4	116469038	rs7676815	C	T	4	0.3089	0.2788	1.037	1.1017	0.0019	79.86
5	93827557	rs7728878	C	T	4	0.5815	0.279	0.9809	0.9139	0.0046	76.93
3	124820104	rs860224	C	G	4	0.03754	0.2792	0.9109	0.897	0.0068	75.36
3	172439746	rs9857839	C	T	2	0.001595	0.2792	4.2554	2.8514	0.0894	65.33
4	72339718	rs4694387	A	C	4	0.09756	0.2794	1.0913	1.1699	0.0006	82.55
12	130815441	rs6598153	C	T	4	0.02054	0.2794	0.921	0.9366	0.0766	56.25
1	65104374	rs12093269	C	T	4	0.02181	0.2796	1.136	1.1302	0.0197	69.62
6	92328542	rs9342293	A	T	4	0.5013	0.2797	1.0286	1.1121	0.0063	75.7
20	19738531	rs16981142	C	G	4	0.07233	0.2798	1.1152	1.1545	0.0084	74.42
6	94852999	rs606061	A	G	4	0.01342	0.2799	1.0912	1.0649	0.0935	53.15
6	94854912	rs591551	C	T	4	0.01342	0.2799	1.0912	1.0649	0.0935	53.15
11	106336866	rs12364403	C	T	4	0.0573	0.2803	0.9251	0.9032	0.0064	75.65
3	102273952	rs13081830	A	G	4	0.2497	0.2808	1.0598	1.191	0	88.02
1	66627158	rs12239708	A	T	4	0.02391	0.2811	0.8531	0.8825	0.0898	53.82
3	102283947	rs16843225	G	T	4	0.2477	0.2813	1.0604	1.1919	0	88.05
6	87192966	rs9362321	C	T	4	0.03221	0.2814	0.9048	0.9086	0.0355	65.02
1	66624485	rs6701234	G	T	4	0.02462	0.2815	0.8538	0.8831	0.0915	53.52
8	127011528	rs1491474	A	C	4	0.3664	0.2818	0.9679	0.9085	0.0024	79.15
8	140503436	rs2468726	C	G	4	0.5394	0.282	1.0216	1.0884	0.0079	74.68
4	127239590	rs6820042	A	G	4	0.1142	0.2823	1.0806	1.1173	0.0147	71.45
6	15943835	rs4712261	C	T	4	0.02607	0.2823	0.8928	0.9024	0.0398	63.95
16	56846486	rs11076230	G	T	4	0.8584	0.2827	0.9913	0.8773	0.0032	78.26
2	219081441	rs636723	A	G	4	0.2037	0.2828	0.9556	0.9221	0.0167	70.69
2	219083955	rs6717433	C	G	4	0.2037	0.2828	0.9556	0.9221	0.0167	70.69
3	102282360	rs17219986	A	G	4	0.2524	0.2828	1.0598	1.1913	0	88.06
6	92320478	rs9345149	A	T	4	0.5063	0.2828	0.9725	0.9008	0.007	75.24
2	38422331	rs11679271	C	T	4	0.234	0.2832	1.0452	1.114	0.0007	82.39
2	219082361	rs662250	A	T	4	0.2046	0.2832	1.0464	1.0844	0.0167	70.69
6	92321886	rs9362888	A	G	4	0.5102	0.2834	1.028	1.1103	0.0068	75.38
6	94819838	rs590701	G	T	4	0.009065	0.2834	1.0964	1.0658	0.0825	55.15
22	33864933	rs4821368	C	G	4	0.03632	0.2835	1.0904	1.1105	0.0049	76.74
1	66624749	rs6703929	C	T	4	0.02491	0.2836	0.854	0.8833	0.0907	53.65
8	127612296	rs11990954	A	C	4	0.2465	0.284	1.057	1.1171	0.0123	72.49
2	5605816	rs10929647	A	C	4	0.014	0.2841	0.9175	0.8963	0.0002	85.14
5	149561988	rs2240787	C	T	4	0.01968	0.2845	0.7924	0.8181	0.0378	64.44

12	94742289	rs10859960	A	G	4	0.02468	0.2845	1.0917	1.0734	0.0778	56.02
8	126997191	rs2385503	A	T	4	0.3454	0.2846	1.0349	1.0877	0.0115	72.85
19	37368143	rs12976005	C	G	4	0.7173	0.2846	1.013	1.1096	0.0005	83.23
9	10625232	rs1322300	C	T	4	0.2058	0.2847	1.052	1.1052	0.0044	77.09
2	219141841	rs526897	A	G	4	0.2052	0.2848	1.0464	1.084	0.0169	70.6
2	133486143	rs4953868	A	G	4	0.6851	0.285	0.9853	0.8957	0.0003	84.18
11	106171269	rs10890590	A	G	4	0.08405	0.2851	0.9327	0.904	0.0053	76.43
1	66625390	rs6691740	A	C	4	0.02473	0.2852	0.8544	0.8833	0.0877	54.2
6	99797170	rs12193060	A	G	4	0.1407	0.2853	0.9392	0.9062	0.0104	73.34
16	56846678	rs12596498	C	T	4	0.8764	0.2853	1.0077	1.1396	0.003	78.42
5	93824426	rs952663	A	G	4	0.5674	0.2857	1.0199	1.0908	0.0051	76.53
16	56842704	rs1974876	C	T	4	0.876	0.2857	1.0077	1.1391	0.0031	78.31
2	219110935	rs523305	C	T	4	0.2068	0.2858	1.0462	1.084	0.0167	70.69
2	219151961	rs3770216	A	G	4	0.2112	0.2862	1.0457	1.0837	0.0171	70.54
8	126994033	rs7007303	A	G	4	0.3604	0.2862	0.9672	0.9198	0.0119	72.64
21	33674908	rs12329794	A	G	4	0.2243	0.2863	1.0611	1.1157	0.0141	71.72
2	219140813	rs496674	A	G	4	0.2083	0.2864	1.046	1.0838	0.0167	70.67
2	219207003	rs7574429	G	T	4	0.2259	0.2866	1.0443	1.0854	0.0142	71.66
15	60544836	rs2940333	A	G	4	0.03284	0.2868	0.9109	0.9261	0.0931	53.22
2	219095517	rs599973	C	G	4	0.2125	0.2871	0.9564	0.9226	0.0164	70.79
16	56847308	rs16959980	C	T	4	0.889	0.2873	0.9932	0.8778	0.003	78.5
2	107784033	rs13415031	C	G	3	0.01133	0.2875	0.9013	0.9212	0.053	65.95
2	219107871	rs687747	C	T	4	0.2137	0.2878	1.0455	1.0836	0.0166	70.71
2	219111266	rs7583449	A	C	4	0.2114	0.288	1.0457	1.0837	0.0165	70.76
22	33869717	rs5755606	C	T	4	0.03066	0.288	0.9177	0.9072	0.0066	75.5
2	128371789	rs7570249	G	T	4	0.02844	0.2881	1.0836	1.0685	0.0845	54.78
8	135101424	rs1158934	A	G	4	0.01533	0.2881	0.9187	0.927	0.0214	69.05
2	30858916	rs2030386	A	G	4	0.0001962	0.2883	0.8727	0.9216	0.0159	70.98
2	219137296	rs490483	A	T	4	0.212	0.2883	0.9563	0.9229	0.0167	70.68
2	219145840	rs523937	C	G	4	0.2129	0.2888	1.0456	1.0833	0.0169	70.62
3	102256173	rs13060849	A	C	4	0.2369	0.2889	0.9417	0.8442	0	87.49
11	106227169	rs10890611	C	T	4	0.1234	0.2889	0.9397	0.9099	0.0106	73.26
15	86273174	rs879131	A	G	4	0.006504	0.2892	1.1299	1.0911	0.0438	63.01
2	219180978	rs3731867	A	G	4	0.2166	0.2893	0.9567	0.9216	0.014	71.75
2	219128179	rs12619347	C	T	4	0.2144	0.2894	0.9566	0.9229	0.0162	70.88
6	15935221	rs13190874	C	T	4	0.0237	0.2896	1.1229	1.1074	0.042	63.42
2	38422312	rs11679270	A	C	4	0.2432	0.2899	0.9576	0.8991	0.0007	82.41

2	219117933	rs630858	A	C	4	0.2155	0.2901	1.0453	1.0833	0.0164	70.79
4	55661374	rs17710298	C	T	3	0.04306	0.2903	0.7563	0.697	0.0086	78.96
6	94854362	rs694170	A	G	4	0.01433	0.2903	1.0903	1.0638	0.0907	53.65
3	102253981	rs1375513	G	T	4	0.3494	0.2908	1.0434	1.1678	0	88.19
2	107782134	rs6542736	A	G	3	0.01208	0.291	0.9028	0.9229	0.056	65.31
6	94818161	rs10944713	A	T	4	0.009731	0.291	1.0954	1.0649	0.081	55.43
4	116420192	rs13123243	A	T	4	0.3629	0.2913	1.0334	1.1022	0.0014	80.74
10	48000055	rs17457528	A	G	4	0.01197	0.2915	0.8746	0.9038	0.0513	61.34
12	94740811	rs10859959	C	T	4	0.02535	0.292	1.0912	1.0724	0.0767	56.23
2	219173054	rs832798	A	G	4	0.2211	0.2922	1.0448	1.0837	0.0155	71.14
3	102255525	rs10511182	C	G	4	0.2501	0.2923	0.9433	0.8456	0	87.42
2	219132608	rs576901	A	G	4	0.2204	0.2925	0.9571	0.9235	0.0165	70.74
3	102256428	rs13065684	C	T	4	0.2517	0.2925	1.0599	1.183	0	87.49
6	15935963	rs4712260	A	G	4	0.02572	0.2931	1.1208	1.1054	0.0433	63.13
2	219170663	rs620596	A	G	4	0.2227	0.2933	1.0446	1.0831	0.0162	70.88
6	92326845	rs9345152	A	G	4	0.5507	0.2933	0.9753	0.902	0.0064	75.63
2	30859375	rs6548035	A	G	4	0.0002261	0.2934	1.1456	1.0851	0.0151	71.3
10	85953055	rs7073756	C	T	4	0.039	0.2935	0.9185	0.9152	0.0207	69.28
4	116426743	rs6813599	A	T	4	0.3613	0.2936	0.9676	0.9076	0.0013	80.88
5	13558432	rs4463179	A	G	4	0.01894	0.2937	1.1471	1.1916	0.0002	84.93
19	37367247	rs10411220	A	G	4	0.684	0.2939	1.0151	1.1102	0.0005	82.97
2	219151245	rs562510	A	C	4	0.2272	0.2942	0.9577	0.9237	0.0165	70.75
16	56846460	rs11076229	A	G	4	0.9318	0.2943	0.9958	0.8798	0.0029	78.54
16	53285438	rs17205999	A	G	4	0.2805	0.2944	1.04	1.0855	0.0123	72.47
4	127224194	rs11726082	C	T	4	0.1235	0.2946	0.9258	0.8984	0.0193	69.74
2	219150743	rs3755041	A	T	4	0.2281	0.2947	1.0441	1.0824	0.0167	70.69
2	38411164	rs1375010	A	G	4	0.2718	0.2949	0.96	0.9008	0.0008	82.19
13	85339936	rs9547416	A	T	4	0.6442	0.295	0.9839	0.9134	0.0024	79.15
7	78883432	rs2190179	A	C	4	0.4203	0.2951	1.0322	1.0989	0.0054	76.3
4	127248513	rs17010704	A	T	4	0.1296	0.2953	1.0772	1.115	0.0136	71.9
2	38409334	rs4589732	C	G	4	0.2879	0.2957	1.0402	1.1097	0.0008	82.13
2	219149672	rs647990	C	T	4	0.2273	0.2959	1.0444	1.0823	0.0173	70.44
6	99799997	rs1353588	A	C	4	0.1503	0.2959	1.0633	1.1023	0.0095	73.81
8	127608781	rs6989132	C	T	4	0.2176	0.296	1.0606	1.1152	0.0118	72.68
12	104624562	rs1962255	A	C	4	0.1494	0.2963	1.0574	1.0927	0.0099	73.62
21	33678481	rs7280245	A	G	4	0.2274	0.2964	0.9429	0.8986	0.0137	71.87
13	21757174	rs9510082	A	G	4	0.0402	0.2966	1.0781	1.0711	0.0562	60.29

13	84064321	rs9546775	G	T	4	0.2116	0.2966	1.0663	1.1316	0.0044	77.13
2	219165985	rs585185	A	G	4	0.2391	0.297	1.0442	1.086	0.0135	71.96
5	25914456	rs6452297	C	T	4	0.62	0.2972	1.0187	1.1057	0.0011	81.3
19	40235596	rs870379	A	G	4	0.00771	0.2974	0.9071	0.9158	0.0058	76.01
3	102265765	rs16843198	G	T	4	0.2717	0.2976	0.9457	0.8461	0	87.61
3	124829191	rs820450	A	T	4	0.0435	0.2978	0.9133	0.9053	0.012	72.61
2	172252159	rs6721680	G	T	3	0.1964	0.298	1.0527	1.1362	0.0003	87.68
1	180325179	rs7537211	A	G	4	0.3896	0.2981	1.0322	1.0984	0.0032	78.29
2	172376961	rs3770451	G	T	3	0.2036	0.2982	1.0519	1.1309	0.0005	86.71
5	114734342	rs7701924	A	G	4	0.2547	0.2982	1.0731	1.1349	0.0207	69.27
4	127243008	rs17010686	A	G	4	0.1341	0.2989	0.9291	0.8975	0.0135	71.95
8	140499179	rs2169623	A	G	4	0.5863	0.2992	0.9813	0.9211	0.0072	75.08
2	98867750	rs1574516	C	T	4	0.0305	0.2995	0.8523	0.864	0.0271	67.29
8	127614227	rs16901493	G	T	4	0.3054	0.2998	1.0501	1.1138	0.0117	72.73
2	30859637	rs6710242	C	T	4	0.0002199	0.3	0.8717	0.921	0.013	72.16
15	90026124	rs11852644	A	T	4	0.03111	0.3001	1.1445	1.1273	0.0425	63.3
22	33862734	rs1473816	A	G	4	0.05074	0.3007	1.0848	1.1088	0.004	77.45
7	152433153	rs760226	A	G	4	0.09139	0.3015	1.0652	1.099	0.0031	78.37
2	219018727	rs4674308	A	C	4	0.1978	0.3016	0.955	0.924	0.0148	71.43
11	106197626	rs1487892	A	G	4	0.1302	0.3019	0.9409	0.9098	0.0073	75.04
5	149543189	rs2240782	A	C	3	0.004723	0.302	1.5267	1.3109	0.2045	36.99
22	36129946	rs6000718	A	G	4	0.04014	0.3021	0.9173	0.9239	0.0495	61.73
2	172272168	rs312925	A	G	3	0.2019	0.3022	1.0521	1.1354	0.0003	87.76
11	9802854	rs360118	C	G	4	0.02166	0.3024	1.0906	1.0786	0.0309	66.23
4	10669107	rs7698375	A	G	4	0.3893	0.3034	0.9646	0.91	0.009	74.1
6	94846081	rs583000	C	T	4	0.01297	0.3035	1.0916	1.0629	0.0837	54.94
6	26652089	rs9461270	A	G	4	0.01293	0.3037	0.9103	0.9336	0.061	59.29
2	219038063	rs664514	A	G	4	0.2047	0.3038	0.9549	0.9233	0.0154	71.19
3	124828079	rs820451	C	T	4	0.04541	0.3041	1.094	1.1039	0.0111	73
16	53292008	rs8044591	A	C	4	0.2023	0.3041	1.0486	1.0882	0.0094	73.85
11	106221180	rs7944123	A	G	4	0.1521	0.3043	1.0595	1.0954	0.011	73.07
19	33606816	rs17685204	C	T	4	0.4731	0.3043	1.0422	1.1451	0.0045	77.02
13	43970674	rs9533877	A	G	3	0.002112	0.3045	0.605	0.731	0.1264	51.66
2	219217232	rs3770214	C	T	4	0.241	0.3046	1.0429	1.0827	0.0134	72
13	85345072	rs366815	A	G	4	0.6826	0.3046	0.9857	0.9151	0.0025	79.1
6	30192566	rs12181054	G	T	4	0.016	0.3047	1.1914	1.1608	0.0248	67.96
2	17253381	rs1589272	A	G	4	0.4178	0.3048	1.0375	1.1112	0.0088	74.16

20	58938883	rs725475	C	T	4	0.11	0.3052	1.0578	1.0794	0.0145	71.53
1	115171509	rs17536161	A	G	4	0.09509	0.3053	1.1569	1.2286	0.005	76.62
9	10624079	rs10738172	A	G	4	0.2249	0.3053	1.0499	1.0995	0.0051	76.52
7	78880949	rs10238315	G	T	4	0.4426	0.3055	0.9701	0.9108	0.0049	76.71
2	219109481	rs578450	C	T	4	0.2322	0.3056	0.9578	0.9252	0.0172	70.51
6	94838264	rs2535660	C	T	4	0.01287	0.3056	0.916	0.9408	0.0815	55.34
19	13277170	rs8182538	A	G	4	0.003375	0.3056	1.1088	1.0661	0.0606	59.36
4	127238127	rs4530647	C	T	4	0.1492	0.306	1.0738	1.112	0.0147	71.44
16	8571064	rs3924628	A	G	4	0.008019	0.306	1.1001	1.0753	0.0263	67.51
7	97262856	rs13245026	A	G	4	0.3267	0.3061	0.9512	0.8851	0.0038	77.64
19	37368934	rs7260436	A	C	4	0.799	0.3061	1.0091	1.102	0.0007	82.34
11	106210532	rs10890604	A	G	4	0.1273	0.3063	0.9404	0.9131	0.0103	73.4
12	114341431	rs12306540	A	G	4	0.01328	0.3073	1.1082	1.0805	0.0462	62.47
5	105619351	rs13154869	G	T	4	0.508	0.3074	0.9703	0.8773	0.0003	84.3
16	53289736	rs11647205	A	G	4	0.2081	0.3076	1.0474	1.0866	0.0096	73.78
9	10614494	rs10733210	A	C	4	0.2557	0.3078	1.0466	1.0971	0.0063	75.72
7	97304570	rs17344459	C	T	4	0.3479	0.3079	0.9541	0.8864	0.0033	78.11
11	106217194	rs10890608	A	T	4	0.1301	0.308	0.9408	0.9086	0.0055	76.29
2	30854671	rs1568403	A	G	4	0.0002204	0.3082	1.1447	1.0837	0.0124	72.4
2	219131764	rs4674314	C	T	4	0.2017	0.3084	0.9553	0.9242	0.0138	71.8
12	130839269	rs10751693	A	G	4	0.02008	0.3084	0.9207	0.9391	0.0693	57.65
13	84081505	rs9575613	A	C	4	0.2372	0.3084	0.9367	0.8821	0.0063	75.71
10	30434183	rs7915293	A	G	4	0.000902	0.3087	0.8829	0.9309	0.0471	62.26
5	25917816	rs1428660	C	T	4	0.6387	0.3088	0.9826	0.9075	0.0013	80.83
2	17261376	rs11674840	A	G	4	0.434	0.3094	0.9655	0.9016	0.0088	74.17
6	94775217	rs2129857	C	T	4	0.006583	0.3097	1.1015	1.0673	0.0546	60.61
2	172315540	rs10166005	C	T	3	0.2206	0.3099	0.9524	0.8832	0.0003	87.6
6	15938880	rs13218971	C	T	4	0.02947	0.31	0.8949	0.9066	0.0378	64.45
8	5526530	rs2725673	A	G	4	0.1022	0.3101	0.9315	0.9107	0.0134	72
22	23895420	rs7285325	A	G	4	0.4638	0.3103	0.9707	0.9134	0.0111	73.02
3	124794918	rs1268623	G	T	4	0.03575	0.3106	1.1009	1.1035	0.0121	72.54
7	97259519	rs2058106	A	T	4	0.3251	0.3109	1.0518	1.1283	0.0041	77.36
7	97269283	rs459	C	T	4	0.3306	0.3109	0.9516	0.8859	0.0036	77.83
19	13277350	rs4499352	G	T	4	0.003605	0.311	1.108	1.0654	0.0603	59.43
6	6092415	rs7748376	C	G	4	0.01504	0.3111	0.8904	0.9178	0.0602	59.46
20	927720	rs6039433	C	T	4	0.253	0.3111	1.0604	1.1635	0.0001	85.25
21	40059369	rs12626544	A	G	3	0.0239	0.3115	0.9162	0.9249	0.0348	70.21

2	229854835	rs7579884	A	G	4	0.02336	0.312	0.8583	0.8717	0.0243	68.14
13	41469136	rs7997862	A	G	4	0.1588	0.3125	1.0509	1.0818	0.01	73.54
13	84089937	rs1446792	A	G	4	0.2502	0.3127	1.0663	1.1332	0.0062	75.74
7	97270302	rs12669324	C	T	4	0.3394	0.313	1.0496	1.1285	0.0033	78.15
2	219104499	rs7603816	C	T	4	0.2231	0.3137	1.0457	1.082	0.015	71.33
4	140857153	rs11944843	A	G	4	0.5364	0.3144	1.0292	1.1164	0.0036	77.87
22	23885283	rs16979674	A	G	4	0.4932	0.3144	0.9727	0.9144	0.0109	73.13
13	89218832	rs7329978	A	G	4	0.2429	0.3146	0.8806	0.7875	0.007	75.23
18	8866666	rs7236228	T	C	3	0.3781	0.3146	0.9588	0.865	0.0029	82.85
2	78149582	rs17014922	C	T	4	0.009114	0.3152	1.1099	1.0963	0.0061	75.82
7	97262360	rs993059	C	T	4	0.3417	0.3155	1.0497	1.1266	0.0041	77.38
12	130806294	rs3741526	C	T	4	0.02228	0.3155	1.0847	1.0657	0.0591	59.68
9	2705284	rs11793747	C	G	4	0.3608	0.3156	0.9662	0.9207	0.0116	72.77
5	114736927	rs17137669	A	G	4	0.2912	0.3157	1.0669	1.1298	0.0194	69.7
2	184920491	rs2198715	C	T	4	0.03017	0.3159	0.9079	0.9285	0.0879	54.17
7	97288397	rs7808642	G	T	4	0.3593	0.3163	0.9551	0.8871	0.003	78.51
7	97274004	rs7786920	C	G	4	0.3433	0.3164	0.9527	0.8862	0.0033	78.1
8	17547711	rs1043883	C	G	4	0.191	0.3164	0.9532	0.9244	0.0124	72.44
8	14876643	rs13261120	C	T	4	0.03261	0.3166	1.0815	1.0702	0.0429	63.22
18	57433136	rs1377169	A	G	4	0.1951	0.3166	1.06	1.1038	0.0114	72.87
6	6090691	rs1050783	C	T	4	0.02497	0.3167	0.902	0.9257	0.0859	54.52
5	105631852	rs10479364	C	T	4	0.5491	0.3168	0.973	0.879	0.0002	84.47
1	199353517	rs1536127	A	C	4	0.1668	0.317	1.0599	1.0919	0.0167	70.66
2	219242138	rs2710246	C	T	4	0.2638	0.3173	0.9608	0.9237	0.0104	73.35
7	97259532	rs2058105	A	T	4	0.3476	0.3175	0.9532	0.888	0.0041	77.41
7	97260570	rs11764340	A	C	4	0.3476	0.3175	0.9532	0.888	0.0041	77.41
3	124821147	rs820458	C	T	4	0.04824	0.3187	1.0927	1.1022	0.0096	73.76
7	97303824	rs12668997	C	T	4	0.3858	0.3189	0.9578	0.889	0.0033	78.19
13	84102404	rs9575621	A	C	4	0.2608	0.3194	1.0648	1.1318	0.006	75.92
7	97286690	rs12704945	A	T	4	0.3605	0.3197	1.0468	1.1263	0.003	78.49
5	105504488	rs4527577	C	T	4	0.6815	0.3199	1.0178	1.111	0.0022	79.41
2	5606908	rs13390174	C	T	4	0.01699	0.3205	0.9204	0.9014	0.0001	85.93
15	86276360	rs8041239	A	G	4	0.01394	0.3207	1.1154	1.0813	0.0565	60.21
1	75238998	rs6693646	G	T	4	0.2424	0.321	1.0463	1.0942	0.0045	77.07
9	2705349	rs11789876	C	T	4	0.3918	0.3212	1.0328	1.0885	0.0079	74.69
19	37369022	rs7260548	C	T	4	0.8477	0.3213	0.9932	0.9124	0.0011	81.36
7	97297238	rs2078467	C	T	4	0.3744	0.3215	1.0455	1.1258	0.003	78.52

16	53288365	rs7206354	A	C	4	0.2519	0.3215	0.959	0.923	0.0098	73.64
5	105596842	rs7705866	C	T	4	0.5881	0.3216	1.0249	1.1325	0.0003	83.86
5	114739103	rs10060558	C	T	4	0.3037	0.3216	1.0652	1.1293	0.018	70.21
5	105488872	rs9327956	C	T	4	0.6043	0.3222	1.0244	1.1293	0.0007	82.25
18	5585958	rs1539811	C	T	4	0.3087	0.3228	1.0385	1.1134	0.0001	85.38
6	83341774	rs9361943	G	A	3	0.09819	0.3234	1.2517	1.3851	0.0075	79.56
2	184938744	rs10200357	A	T	4	0.03604	0.3236	1.098	1.0758	0.0874	54.25
3	124801210	rs861890	A	G	4	0.04621	0.3237	0.914	0.9083	0.0101	73.48
2	6830471	rs17650774	A	G	4	0.3537	0.3239	0.9637	0.9084	0.0022	79.39
16	8571128	rs3924627	A	G	4	0.00747	0.3242	0.9081	0.9311	0.0227	68.64
2	184951945	rs12693375	C	T	4	0.03536	0.3244	1.0984	1.0759	0.0857	54.57
2	5606432	rs2882274	C	T	4	0.01839	0.3249	0.9206	0.9027	0.0001	85.62
7	152433675	rs760228	C	T	4	0.1414	0.3249	1.0558	1.093	0.0034	78.07
7	26559015	rs12672384	C	T	4	0.6486	0.325	1.0195	1.1125	0.0012	81.11
13	21757408	rs2038711	C	T	4	0.03088	0.3251	0.9253	0.9339	0.0334	65.56
2	155411314	rs1900132	A	G	4	0.02616	0.3253	1.0889	1.0702	0.0559	60.34
4	140897320	rs3796632	C	T	4	0.06857	0.3254	1.2119	1.2609	0.0171	70.53
14	78058257	rs11622407	G	T	4	0.2391	0.3254	1.0424	1.0751	0.0167	70.66
5	105575000	rs10073985	C	T	4	0.5896	0.3258	0.9749	0.882	0.0004	83.33
20	58927301	rs2426960	A	G	4	0.08209	0.3261	1.0627	1.0797	0.0086	74.28
6	99005968	rs3123337	C	T	4	0.004916	0.3262	0.7623	0.8413	0.0372	64.58
6	117192477	rs693602	A	C	4	0.04421	0.3262	0.9277	0.9271	0.0219	68.87
3	124810365	rs4530474	C	T	4	0.04854	0.3264	1.0926	1.1011	0.009	74.07
5	105490206	rs1435195	C	G	4	0.6615	0.3278	1.0203	1.134	0.0002	84.47
10	6544142	rs678304	C	G	4	0.2883	0.3279	1.0423	1.0885	0.0086	74.28
3	124806457	rs848146	C	G	4	0.05019	0.3284	1.092	1.1034	0.0068	75.37
1	205560841	rs6685886	A	C	3	0.3779	0.3288	1.0334	1.1015	0.0027	83.12
16	7338583	rs9936914	A	T	4	0.01453	0.3288	1.1536	1.1035	0.0753	56.49
3	102125413	rs7431835	A	T	4	0.56	0.3294	1.0291	1.1895	0	90.69
3	124830480	rs820448	C	G	4	0.05226	0.3298	0.9161	0.9072	0.0078	74.74
14	78048581	rs11626916	A	G	4	0.2469	0.3298	0.96	0.9309	0.0172	70.49
7	152440071	rs760229	A	G	4	0.1168	0.3301	0.9435	0.9184	0.0048	76.76
3	102252014	rs13099753	C	G	4	0.44	0.3304	0.9653	0.8592	0	89.48
3	102130439	rs2576377	C	T	4	0.5773	0.3305	1.0271	1.1938	0	91.5
5	175193656	rs10061059	A	G	4	0.02279	0.3306	0.9077	0.9282	0.0565	60.23
14	94460547	rs3861665	A	G	4	0.4271	0.3307	1.0373	1.1125	0.0066	75.51
22	33922689	rs4821376	A	G	4	0.04027	0.3308	1.0822	1.0746	0.0351	65.12

14	78050487	rs727208	A	C	4	0.2492	0.3311	1.0414	1.0744	0.0164	70.8
22	33934502	rs3918439	C	G	4	0.04089	0.3311	0.9242	0.9311	0.0378	64.44
20	58941909	rs6071442	C	T	4	0.1136	0.3312	0.9458	0.9288	0.0123	72.49
2	184931648	rs17429535	C	T	4	0.03331	0.3314	0.91	0.9301	0.0814	55.35
22	33936111	rs5999766	C	T	4	0.04101	0.3317	0.9242	0.9312	0.0379	64.42
2	184932641	rs10203961	C	T	4	0.03302	0.3318	1.099	1.0752	0.0807	55.48
5	105596450	rs10040995	C	T	4	0.6351	0.3318	0.9786	0.8848	0.0003	84.01
19	13277280	rs4433935	C	T	4	0.004548	0.3319	0.9048	0.9409	0.0589	59.73
4	71017595	rs1709257	A	C	4	0.1044	0.3321	1.1771	1.2549	0.003	78.44
1	199354868	rs7547762	A	G	4	0.183	0.3325	0.9469	0.9141	0.0074	75.02
7	78868858	rs4730806	A	C	4	0.5606	0.3326	0.9776	0.9187	0.0069	75.29
20	49473493	rs6067766	A	G	4	0.5369	0.3328	0.9639	0.8808	0.0141	71.69
22	33922615	rs4821375	C	T	4	0.04068	0.3328	1.0821	1.0742	0.0354	65.05
3	124812622	rs2626028	C	T	4	0.05099	0.3329	1.0916	1.1009	0.008	74.66
3	102160572	rs2595894	C	G	4	0.5532	0.3331	0.9713	0.8441	0	90.43
7	152436044	rs498474	A	G	4	0.1104	0.3331	0.9408	0.9128	0.0029	78.58
7	152436388	rs594243	C	T	4	0.1121	0.3333	1.0626	1.0953	0.0029	78.52
3	27918162	rs2618115	A	G	4	0.04726	0.3336	0.8907	0.9051	0.0571	60.09
3	102159700	rs2576391	C	G	4	0.5597	0.3341	1.029	1.1842	0	90.42
3	102172552	rs10511181	G	T	4	0.5676	0.3341	1.0284	1.1843	0	90.43
7	152435872	rs496724	A	G	4	0.1119	0.3342	1.0626	1.0954	0.0029	78.62
1	119091517	rs2147780	A	G	3	0.03253	0.3343	1.2536	1.2369	0.0336	70.53
9	10654583	rs10756092	A	C	4	0.3994	0.3344	0.9584	0.8818	0.001	81.67
22	33921035	rs134434	A	G	4	0.04092	0.3345	1.082	1.074	0.0351	65.11
8	54439800	rs7465458	A	G	4	0.01324	0.3346	1.1248	1.0914	0.0354	65.04
3	124805854	rs820479	A	G	4	0.05159	0.3349	0.9163	0.9089	0.0081	74.58
7	152436337	rs593874	A	G	4	0.1149	0.335	1.0621	1.095	0.0029	78.52
14	78048416	rs11159368	A	C	4	0.2562	0.335	0.9608	0.9314	0.0167	70.67
3	102130617	rs13060137	A	G	4	0.5982	0.3351	0.9744	0.8424	0	90.69
3	102127637	rs17284842	C	T	4	0.5989	0.3353	1.0262	1.187	0	90.69
1	75241712	rs12750340	C	T	4	0.2745	0.3355	0.958	0.9168	0.0055	76.27
3	102132997	rs13077353	G	T	4	0.6001	0.3355	1.0261	1.1867	0	90.67
10	6544132	rs604663	C	T	4	0.2729	0.3357	0.9624	0.9264	0.0073	75.07
7	26560257	rs12670740	C	T	4	0.6474	0.3359	0.9808	0.904	0.0019	79.86
1	119091964	rs6704254	C	T	3	0.03286	0.336	1.253	1.2364	0.0332	70.63
3	102125494	rs1036467	C	T	4	0.6037	0.336	0.9748	0.8426	0	90.69
9	10655040	rs4272438	A	T	4	0.4045	0.336	0.9588	0.882	0.0009	81.71

1	75235049	rs3912426	A	G	4	0.2848	0.3362	1.0422	1.091	0.0045	77.01
6	94846661	rs2535672	A	G	4	0.01335	0.3363	0.9162	0.943	0.0748	56.59
20	19705555	rs6035436	C	G	4	0.227	0.3363	0.9297	0.8744	0.004	77.45
11	9273306	rs4396289	C	T	4	0.04061	0.3365	1.1023	1.1032	0.0113	72.92
7	152436277	rs593793	A	G	4	0.1159	0.3366	0.9417	0.9134	0.0029	78.58
3	102178032	rs17398684	A	G	4	0.5843	0.3367	1.0272	1.1832	0	90.43
8	54436653	rs7001769	C	T	4	0.01604	0.3367	0.892	0.9178	0.0397	63.96
3	29757722	rs17024316	C	G	4	0.3014	0.3371	0.9628	0.9263	0.0105	73.31
3	102170772	rs13088524	A	C	4	0.5878	0.3371	0.9737	0.8451	0	90.45
6	94798859	rs2129859	A	C	4	0.01234	0.3373	1.0924	1.0604	0.0716	57.2
9	10654367	rs4262363	A	G	4	0.3935	0.3373	1.044	1.1335	0.0009	81.84
16	26654324	rs500285	C	G	4	0.03159	0.3373	0.8445	0.8646	0.0306	66.3
3	102155597	rs17398421	G	T	4	0.581	0.3374	1.0275	1.1829	0	90.43
14	78048235	rs10782463	C	T	4	0.2616	0.338	1.0404	1.073	0.0169	70.59
2	184940461	rs13015290	A	T	4	0.03771	0.3382	0.9115	0.9307	0.0811	55.41
9	10651622	rs7030381	A	G	4	0.3941	0.3382	1.0429	1.1305	0.0009	81.85
17	24496369	rs12452739	A	G	4	0.3801	0.3384	0.9654	0.9194	0.0107	73.23
3	102150519	rs2576382	A	T	4	0.5981	0.3385	0.9744	0.8437	0	90.67
14	78048326	rs11159367	A	G	4	0.2626	0.3385	0.9613	0.932	0.017	70.55
3	144996927	rs11706302	A	G	3	0.0004623	0.3386	0.8403	0.8993	0.0175	75.28
2	98846759	rs4851164	C	T	4	0.0449	0.3388	0.8641	0.8687	0.0167	70.69
7	152434353	rs672366	C	G	4	0.1097	0.3388	0.9407	0.9134	0.0027	78.81
9	10651798	rs7030672	C	G	4	0.3997	0.3388	1.0426	1.1307	0.0009	81.75
1	75219251	rs2346344	G	T	4	0.2872	0.3389	0.9597	0.9163	0.004	77.43
6	6092368	rs7748218	C	T	4	0.02707	0.3389	0.9033	0.9281	0.0801	55.6
9	10652358	rs7034568	C	T	4	0.4031	0.3389	1.0426	1.1317	0.0009	81.81
3	102160532	rs2595893	C	T	4	0.5918	0.339	1.0267	1.1823	0	90.44
5	13541819	rs3853117	C	T	4	0.007902	0.3391	0.8687	0.8631	0.0001	85.45
13	84112297	rs13378761	A	C	4	0.2979	0.3391	1.0598	1.13	0.0042	77.25
3	178791718	rs552757	A	G	4	0.03495	0.3393	0.9252	0.935	0.0371	64.61
9	10651370	rs10756088	A	G	4	0.3986	0.3394	0.9593	0.8848	0.0009	81.84
9	10652166	rs7019756	C	T	4	0.4095	0.3395	0.9599	0.8844	0.0009	81.76
2	105447653	rs9989768	C	T	4	0.05253	0.3396	1.1438	1.1563	0.0099	73.63
6	6092904	rs7772909	C	T	4	0.0267	0.3401	1.1073	1.0775	0.0788	55.84
2	78148150	rs17014915	C	T	4	0.01122	0.3402	1.1068	1.0926	0.0053	76.41
12	104624341	rs11833072	C	T	4	0.2203	0.3404	0.9532	0.9183	0.0061	75.82
18	57455551	rs12457154	A	G	4	0.2524	0.3405	1.0532	1.0976	0.0138	71.81

1	75199985	rs11162286	A	G	4	0.3131	0.3406	1.0398	1.0912	0.004	77.47
14	78085918	rs10483907	A	G	4	0.2673	0.3406	1.0399	1.0735	0.0153	71.2
22	33926311	rs4618151	A	C	4	0.04395	0.3406	0.9253	0.9326	0.0378	64.45
9	10649290	rs4641116	C	T	4	0.3828	0.3407	0.9582	0.8857	0.0008	81.96
2	38204318	rs3795980	G	T	4	0.009445	0.341	0.8745	0.897	0.0091	74
6	6089856	rs3024466	A	C	4	0.02889	0.3412	1.1057	1.0767	0.0823	55.18
2	160112937	rs6742654	C	T	4	0.01718	0.3414	1.1415	1.0995	0.0516	61.27
15	52099177	rs12592703	C	T	4	0.6946	0.3414	0.9832	0.9014	0.0015	80.49
20	19724391	rs16981125	A	G	4	0.2517	0.3414	0.9336	0.8748	0.0035	77.97
18	57455491	rs12454424	A	G	4	0.2544	0.3418	0.9497	0.9113	0.0138	71.82
5	175189132	rs1863931	A	G	4	0.02586	0.3419	0.9083	0.9289	0.0571	60.1
17	12110529	rs16945798	G	A	3	0.7056	0.3425	0.9694	0.7524	0.0014	84.7
17	12103857	rs714422	A	G	3	0.7377	0.3426	0.9729	0.7513	0.0013	84.94
3	102248274	rs13074729	G	T	4	0.4108	0.3427	0.9595	0.8483	0	89.76
22	33933022	rs738440	C	T	4	0.04414	0.3427	1.0807	1.0726	0.0358	64.94
4	116592228	rs6533889	G	T	4	0.6026	0.3429	0.9811	0.9203	0.0037	77.8
18	57445327	rs12454307	C	T	4	0.2412	0.343	0.9487	0.9093	0.0094	73.85
9	119033609	rs12237890	A	T	4	0.009334	0.3434	1.2195	1.1463	0.0448	62.78
11	106389222	rs11212007	A	C	4	0.146	0.3434	0.9404	0.9124	0.0069	75.31
4	114747468	rs6857556	A	G	4	0.3487	0.3435	1.069	1.1506	0.0125	72.4
9	10658198	rs7045753	C	T	4	0.4084	0.3438	0.958	0.8817	0.001	81.58
3	44994064	rs4683014	A	G	4	0.2705	0.344	0.9624	0.9304	0.0115	72.82
4	13358506	rs4698460	G	T	4	0.4235	0.3446	0.9674	0.9131	0.0063	75.66
8	17545472	rs3817664	G	T	4	0.2276	0.3447	1.0459	1.0792	0.0106	73.24
1	75215582	rs7522882	A	T	4	0.3053	0.3448	0.9611	0.9174	0.0041	77.36
18	57438389	rs11876431	A	G	4	0.2409	0.3449	1.0541	1.097	0.0123	72.48
14	42258065	rs10498375	A	C	4	0.1188	0.3454	0.8975	0.8597	0.0058	76.06
1	55469135	rs7512894	A	G	4	0.007617	0.3456	0.8896	0.9272	0.0507	61.45
7	26566825	rs12671326	C	T	4	0.6716	0.3461	0.9822	0.9087	0.003	78.5
10	85963395	rs10887256	C	G	4	0.06447	0.3461	0.926	0.9213	0.0174	70.44
14	78086868	rs1015964	A	G	4	0.2703	0.3461	0.9616	0.9317	0.0148	71.4
4	116462047	rs1507942	A	T	4	0.3188	0.3463	1.039	1.0812	0.0111	73.03
22	33925331	rs134442	C	T	4	0.04492	0.3467	1.0803	1.072	0.0352	65.09
14	78087589	rs2098518	C	G	4	0.2496	0.347	0.9599	0.9273	0.0074	74.98
20	19708160	rs17298185	A	G	4	0.2455	0.3471	1.0725	1.1413	0.0037	77.76
21	16556290	rs2823718	A	G	4	0.03722	0.3471	1.0768	1.0892	0.0014	80.78
7	48310276	rs6943725	A	G	4	0.3818	0.3475	1.0312	1.0764	0.0095	73.81

1	75222180	rs3845358	A	C	4	0.3149	0.3479	1.0396	1.0892	0.0042	77.25
17	12108360	rs12150546	G	A	3	0.7835	0.3482	0.9779	0.7535	0.0013	84.97
4	92459915	rs6816636	A	C	4	0.3216	0.3488	1.0422	1.1062	0.0014	80.73
3	102108512	rs13072000	A	G	4	0.5664	0.3489	0.9722	0.8452	0	90.85
8	32646497	rs2919390	A	C	4	0.3037	0.3489	1.0375	1.0905	0.0014	80.65
10	125987432	rs4303189	A	G	4	0.3745	0.3489	1.0874	1.2037	0.0111	73.02
18	5575158	rs1719934	A	G	4	0.4445	0.349	1.0277	1.0983	0.0003	83.84
3	102102450	rs4928096	A	G	4	0.5597	0.3494	0.9719	0.8456	0	90.91
3	102105082	rs9832195	A	C	4	0.551	0.3494	1.0297	1.183	0	90.88
18	64661900	rs9962491	C	T	4	0.02016	0.3495	0.9128	0.935	0.0503	61.54
5	16935090	rs16869212	A	G	4	0.01498	0.3496	1.1789	1.1476	0.0117	72.75
5	105458740	rs1991970	A	C	4	0.7043	0.3496	1.0179	1.1251	0.0005	83.05
3	102107128	rs2713787	C	G	4	0.5546	0.3501	0.9714	0.8453	0	90.91
15	31694343	rs11637847	A	G	4	0.6686	0.3501	0.9848	0.928	0.0087	74.25
4	116558768	rs6847969	A	G	4	0.4548	0.3502	0.9734	0.9252	0.0058	76.04
6	94798998	rs2171518	C	T	4	0.01296	0.3503	0.9161	0.9443	0.0684	57.82
7	152452942	rs4726247	A	G	4	0.1055	0.3504	0.9418	0.9198	0.0035	77.91
5	105649426	rs13361333	C	T	4	0.4767	0.3505	1.0342	1.1175	0.0017	80.22
3	102107251	rs4060963	A	G	4	0.5573	0.3506	1.0293	1.1828	0	90.91
22	33903856	rs134386	C	T	4	0.04541	0.3506	1.0801	1.0735	0.0285	66.89
5	105632419	rs6883970	C	T	4	0.6594	0.3507	0.9809	0.903	0.0018	79.96
3	102101864	rs2713793	A	G	4	0.5474	0.3508	1.0302	1.1822	0	90.75
3	102104116	rs2576365	A	C	4	0.5598	0.3509	0.9718	0.8455	0	90.91
4	149810031	rs2358469	A	G	4	0.03947	0.3509	0.9248	0.9358	0.0394	64.05
5	105644816	rs6891526	A	G	4	0.6472	0.3513	1.0203	1.1086	0.0017	80.22
14	78053255	rs11629123	C	T	4	0.266	0.3514	0.9615	0.928	0.0069	75.32
3	102112831	rs13079002	C	T	4	0.5844	0.3515	0.9735	0.8455	0	90.9
6	6095762	rs4960167	C	T	4	0.0255	0.3515	0.9024	0.9279	0.0675	58
2	98853280	rs17022034	A	T	4	0.04659	0.3516	0.8646	0.8704	0.0152	71.26
13	84114641	rs9602525	A	T	4	0.3113	0.3516	1.0582	1.1271	0.0041	77.35
2	83399672	rs12232909	A	G	4	0.4005	0.3517	0.9709	0.9282	0.007	75.22
2	219004789	rs17572485	A	G	4	0.2214	0.3517	0.9571	0.9289	0.0112	72.97
3	102100845	rs2576369	A	G	4	0.5517	0.3517	0.971	0.8462	0	90.73
3	102101463	rs2245266	C	T	4	0.5517	0.3517	0.971	0.8462	0	90.73
22	33870423	rs5999742	A	G	4	0.02082	0.3523	1.0958	1.0886	0.0061	75.86
9	10647332	rs4578000	A	G	4	0.3879	0.3526	0.9585	0.8879	0.0008	81.94
21	29968170	rs363550	C	G	4	0.2645	0.3526	0.8985	0.834	0.0167	70.67

12	114335802	rs768860	G	T	4	0.01217	0.3527	1.1104	1.0757	0.0373	64.57
3	102111994	rs2713782	A	G	4	0.5822	0.3528	0.9732	0.8457	0	90.85
8	140497987	rs9324508	A	G	4	0.5588	0.353	1.0246	1.0914	0.0066	75.52
20	58942206	rs6128962	A	G	4	0.1338	0.353	0.9485	0.9314	0.0115	72.84
5	105507616	rs12719550	A	T	4	0.6796	0.3531	0.9807	0.889	0.0005	82.93
20	58926954	rs2024676	A	G	4	0.1149	0.3531	1.0571	1.0754	0.0089	74.13
4	116502459	rs10000358	A	G	4	0.446	0.3532	1.0281	1.0796	0.0069	75.32
12	114336692	rs7964025	A	G	4	0.01256	0.3534	0.901	0.9299	0.038	64.39
9	10645642	rs10756076	A	G	4	0.3915	0.3535	1.043	1.1254	0.0009	81.77
6	30203582	rs10947056	C	G	4	0.01694	0.3536	0.8409	0.8729	0.0218	68.91
9	10645189	rs10809145	A	G	4	0.3913	0.3541	1.0433	1.1253	0.001	81.65
20	19730288	rs17298654	G	T	4	0.265	0.3542	1.0689	1.1371	0.0041	77.34
2	98860167	rs4851166	C	T	4	0.03914	0.3546	0.858	0.8722	0.0185	70.04
6	25280013	rs6910965	C	G	4	0.003173	0.3547	0.8749	0.9208	0.0265	67.47
6	30134215	rs12208867	A	G	4	0.005102	0.3547	1.2336	1.1631	0.0099	73.61
12	130809881	rs10751692	C	T	4	0.02612	0.3547	0.924	0.9423	0.0538	60.8
4	116514942	rs7436414	A	G	4	0.4544	0.3553	0.9732	0.9266	0.0068	75.33
7	152436269	rs521309	A	G	4	0.1048	0.3553	0.9369	0.9141	0.004	77.51
9	10629445	rs4741044	A	G	4	0.3948	0.3553	0.9588	0.8915	0.0014	80.65
21	16557827	rs2823722	C	T	4	0.05508	0.3554	0.9314	0.9149	0.001	81.54
2	30848531	rs4952179	C	T	4	0.003139	0.3558	0.8925	0.9317	0.0272	67.26
1	48877073	rs12562662	C	T	4	0.5069	0.3559	1.0493	1.1632	0.0054	76.33
4	116481279	rs12650886	C	T	4	0.4281	0.3563	1.0292	1.0772	0.0088	74.16
7	26562895	rs2286180	C	G	4	0.7205	0.3565	1.0152	1.0993	0.0026	78.95
13	84121490	rs9565956	C	T	4	0.3346	0.3567	1.0554	1.127	0.0037	77.78
1	48896154	rs7556311	A	G	4	0.2484	0.3568	1.092	1.1679	0.0075	74.95
20	19725525	rs6136836	C	T	4	0.281	0.3571	1.0667	1.1391	0.0031	78.31
4	92459825	rs6532289	C	T	4	0.3147	0.3575	0.9612	0.9118	0.0018	80.01
4	116537368	rs6533870	A	G	4	0.4801	0.3575	1.0258	1.0801	0.0054	76.34
7	152437650	rs2018083	A	G	4	0.1222	0.3576	1.059	1.0852	0.0039	77.54
12	51731549	rs10747658	A	G	4	0.09068	0.3576	0.9393	0.921	0.0064	75.64
12	128847165	rs10773708	A	G	4	0.04136	0.3576	0.925	0.934	0.0331	65.63
4	116501880	rs7437909	C	T	4	0.4589	0.3577	0.9734	0.9268	0.0067	75.43
9	10647075	rs4587381	G	T	4	0.4029	0.3578	1.042	1.1252	0.0008	82.06
14	78035507	rs1122840	A	G	4	0.2696	0.3583	1.0399	1.0754	0.0084	74.41
22	33932582	rs7284380	A	G	4	0.04899	0.3583	1.0788	1.0708	0.0334	65.55
2	38406957	rs6745929	C	T	4	0.4742	0.3584	1.0295	1.1146	0.0002	84.93

5	105495362	rs972529	A	C	4	0.7036	0.3587	0.9822	0.8896	0.0005	83.16
13	89217299	rs10851281	A	G	4	0.2728	0.3588	0.8876	0.8041	0.0068	75.36
9	10645366	rs10809147	C	T	4	0.4054	0.359	0.9597	0.8894	0.0009	81.77
13	89220997	rs6492451	C	T	4	0.2852	0.359	1.1235	1.2432	0.0072	75.11
3	102098826	rs2245473	A	G	4	0.5735	0.3595	0.9724	0.8481	0	90.72
14	78084707	rs11844960	A	C	4	0.3041	0.3595	1.0369	1.0713	0.0139	71.77
4	116508739	rs7685112	C	T	4	0.4675	0.3598	0.9739	0.927	0.0067	75.46
9	10646211	rs10756079	C	T	4	0.4098	0.3598	1.0413	1.1244	0.0008	81.98
21	16557703	rs2823721	A	G	4	0.04666	0.3599	1.0747	1.0892	0.0012	81.1
5	13544938	rs11952402	C	T	4	0.02316	0.3601	1.1548	1.1704	0.0005	83.03
21	40106968	rs9305680	C	G	4	0.04922	0.3601	0.9285	0.9404	0.0588	59.75
14	78085602	rs2193670	A	G	4	0.276	0.3605	1.0395	1.0768	0.0067	75.41
6	30221529	rs12202131	A	T	4	0.01626	0.3606	1.1926	1.1446	0.0223	68.73
13	89121163	rs1327342	C	G	3	0.09914	0.3606	0.7815	0.6793	0.0015	84.58
4	8400638	rs1678305	C	T	4	0.4285	0.3612	1.0296	1.0815	0.0057	76.13
4	92459054	rs9999729	C	G	4	0.2904	0.3614	0.9589	0.9117	0.0017	80.11
21	16557408	rs238964	C	G	4	0.04419	0.3614	0.9303	0.9192	0.0013	80.93
4	116548408	rs6814621	A	C	4	0.4794	0.3615	0.9746	0.9261	0.0055	76.28
4	116554439	rs7440324	A	T	4	0.4794	0.3615	0.9746	0.9261	0.0055	76.28
4	92459103	rs9999885	A	G	4	0.29	0.3617	1.0429	1.0971	0.0017	80.27
2	83407484	rs7425554	C	T	4	0.4136	0.362	0.9714	0.9301	0.0081	74.59
4	116495156	rs6533856	G	T	4	0.3839	0.3624	1.0333	1.0762	0.0127	72.3
18	5569427	rs1785427	A	G	4	0.3843	0.3624	1.0306	1.0948	0.0002	84.64
21	29945121	rs2832424	A	C	4	0.2808	0.3625	0.902	0.8361	0.0155	71.15
21	16557390	rs6517695	G	T	4	0.03926	0.3626	1.0761	1.0871	0.0012	81.04
21	16556577	rs2823720	A	C	4	0.04037	0.3627	0.9297	0.9202	0.0013	80.96
22	33925528	rs134443	C	T	4	0.04871	0.3627	0.9269	0.9339	0.031	66.19
8	14884317	rs10109779	A	G	4	0.057	0.3628	0.9325	0.9385	0.0353	65.06
14	78067940	rs4243660	C	T	4	0.2764	0.3629	1.0394	1.0765	0.0065	75.55
18	5570911	rs1719933	C	T	4	0.3884	0.3629	0.9705	0.9136	0.0002	84.63
21	40073319	rs7278733	A	G	4	0.03275	0.3629	0.9226	0.9374	0.0397	63.97
6	94814379	rs9363138	G	T	4	0.01425	0.3633	1.0903	1.0572	0.07	57.5
4	116542863	rs11933617	A	G	4	0.4857	0.3635	1.0257	1.0797	0.0053	76.41
4	116540440	rs7687193	A	G	4	0.4861	0.3638	0.975	0.9264	0.0054	76.34
4	116548085	rs11947264	C	T	4	0.4861	0.3638	0.975	0.9264	0.0054	76.34
2	83404583	rs6745924	C	G	4	0.441	0.3646	1.0273	1.0752	0.0067	75.44
2	107783958	rs13414755	A	C	3	0.01367	0.3648	0.9044	0.9299	0.0408	68.73

14	78060216	rs1030124	G	T	4	0.2792	0.3648	0.9623	0.9291	0.0065	75.59
21	29954574	rs363569	C	T	4	0.277	0.3648	0.9011	0.8355	0.0144	71.58
12	119024673	rs3852587	A	C	3	0.3818	0.3654	1.0516	1.17	0.0027	83.1
18	64690810	rs2051303	A	T	4	0.01313	0.3655	1.1005	1.0693	0.0361	64.87
18	64691203	rs2051301	C	T	4	0.01313	0.3655	1.1005	1.0693	0.0361	64.87
18	64693088	rs2004027	A	T	4	0.01313	0.3655	1.1005	1.0693	0.0361	64.87
4	116540808	rs12233647	A	G	4	0.4925	0.3657	1.0253	1.0794	0.0052	76.47
4	116549189	rs4833478	A	G	4	0.4925	0.3657	1.0253	1.0794	0.0052	76.47
3	102098240	rs2245556	C	T	4	0.5865	0.3658	0.9732	0.8495	0	90.69
8	17655354	rs6586642	C	T	4	0.01312	0.3658	0.8887	0.9203	0.0357	64.96
5	13541800	rs151152	C	T	4	0.0113	0.3659	0.8757	0.8698	0.0001	85.86
18	5591403	rs1785418	A	G	4	0.3897	0.3662	0.9703	0.9156	0.0004	83.6
6	51884494	rs12196767	C	T	4	0.05242	0.3666	0.9143	0.9168	0.0168	70.64
18	44764374	rs8089910	C	G	4	0.4278	0.3669	1.0291	1.0818	0.0034	78.05
21	16555965	rs1492957	C	T	4	0.0429	0.367	1.0745	1.0859	0.0012	81.02
2	29149180	rs13385188	A	G	3	0.04633	0.3672	1.0901	1.0877	0.0234	73.36
14	78060082	rs1030123	A	G	4	0.2831	0.3673	1.0388	1.0758	0.0064	75.59
21	16553084	rs2823705	A	G	4	0.04974	0.3675	0.9326	0.9231	0.002	79.75
7	26553081	rs17153906	C	T	4	0.9687	0.3677	0.9983	0.8974	0.0002	84.74
4	116523298	rs4834470	C	T	4	0.4922	0.3679	1.0253	1.078	0.006	75.88
4	92462703	rs6532292	C	T	4	0.3074	0.3681	1.041	1.0939	0.0019	79.94
5	105493632	rs974073	G	T	4	0.7616	0.3685	1.0144	1.1222	0.0004	83.49
12	114337140	rs11067584	C	T	4	0.01393	0.3686	1.1074	1.0732	0.0355	65.01
2	30841879	rs6548032	A	G	4	0.003583	0.3691	1.1157	1.0711	0.0223	68.76
10	30461295	rs11007912	C	G	4	0.003634	0.3692	1.1244	1.0686	0.0522	61.12
1	75106090	rs12743570	C	G	4	0.2548	0.3693	1.0466	1.091	0.0029	78.58
5	114715541	rs1455845	A	G	4	0.361	0.3693	1.0612	1.1244	0.0157	71.05
8	140497072	rs10104031	C	T	4	0.5482	0.3693	1.0253	1.0845	0.0102	73.47
3	102089971	rs17338506	C	T	4	0.7621	0.3698	1.0155	1.1335	0.0004	83.71
6	130362937	rs945889	C	T	4	0.3274	0.3699	0.9375	0.8432	0.0005	82.91
21	16555455	rs4465860	C	T	4	0.04462	0.3699	0.9312	0.9212	0.0012	81.09
21	16555664	rs2823716	A	G	4	0.04462	0.3699	0.9312	0.9212	0.0012	81.09
4	116518282	rs7663921	C	T	4	0.4985	0.37	0.9757	0.9278	0.0059	75.95
21	40129825	rs741866	C	T	4	0.05081	0.3705	0.9289	0.9388	0.0429	63.21
4	92459702	rs7659326	A	T	4	0.3497	0.3706	0.9618	0.9073	0.0012	81.2
21	16555396	rs2251006	C	T	4	0.04524	0.3706	1.0737	1.0853	0.0012	81.06
4	116558804	rs6847471	A	G	4	0.5062	0.3708	1.0245	1.0786	0.0051	76.55

18	64676889	rs9948116	A	G	4	0.01771	0.3708	0.9125	0.9372	0.0423	63.35
9	10647559	rs10756080	C	T	4	0.4409	0.3709	1.0386	1.1232	0.0007	82.5
2	105447178	rs6711988	C	T	4	0.05667	0.371	1.1415	1.1465	0.0099	73.63
5	105642920	rs10068181	A	G	4	0.6174	0.3711	1.0238	1.1159	0.0009	81.76
21	16554963	rs2823712	A	G	4	0.04632	0.3712	1.0733	1.085	0.0013	80.97
6	130363872	rs2876066	A	C	4	0.3485	0.3716	0.9403	0.8435	0.0005	82.99
15	52109020	rs12917513	A	T	4	0.4267	0.3721	0.9629	0.8981	0.0018	79.98
4	92463052	rs6532293	A	G	4	0.321	0.3726	1.0395	1.0925	0.0018	79.97
22	33929534	rs5999761	C	G	4	0.05311	0.3726	1.0773	1.0694	0.0304	66.35
4	116559642	rs6854632	A	G	4	0.5135	0.3728	0.9765	0.9273	0.0051	76.59
2	113527418	rs9678578	A	T	4	0.01966	0.3731	0.9154	0.9352	0.0267	67.42
1	75112763	rs7552148	C	T	4	0.2608	0.3732	0.956	0.9171	0.0028	78.73
16	7338453	rs9934586	A	G	4	0.01848	0.3733	0.8704	0.912	0.0673	58.04
21	40071834	rs2205205	A	G	4	0.03375	0.3735	1.0834	1.0661	0.0364	64.79
20	19711787	rs17370440	A	T	4	0.3131	0.3736	1.0621	1.136	0.0026	78.94
6	51868413	rs12206267	C	T	4	0.05838	0.3741	1.0929	1.0872	0.0248	67.97
18	5584739	rs1785409	C	T	4	0.37	0.3741	0.9694	0.9163	0.0003	84.26
21	16553507	rs1389073	G	T	4	0.05162	0.3744	0.9332	0.9229	0.0015	80.58
4	92466196	rs1528578	C	G	4	0.3195	0.3745	1.0396	1.0898	0.0026	78.9
4	92462591	rs1919227	G	T	4	0.3275	0.3746	1.0393	1.0928	0.0018	80.04
6	83346508	rs9443987	C	T	3	0.1804	0.3751	1.1927	1.3589	0.004	81.88
15	89951919	rs7495265	C	T	4	0.1974	0.3751	0.9484	0.9085	0.0009	81.79
3	102218829	rs17399603	A	G	4	0.6454	0.3752	0.9777	0.8589	0	89.97
10	129849048	rs6482660	A	G	4	0.3217	0.3753	1.0384	1.0962	0.0004	83.3
6	83349658	rs6939695	C	A	3	0.1966	0.3754	1.1831	1.3566	0.0041	81.81
21	16549874	rs239009	A	G	4	0.05571	0.3756	1.0716	1.0856	0.0013	80.93
21	16551609	rs2823702	A	G	4	0.05198	0.3757	0.9333	0.9242	0.0019	79.93
6	55494436	rs9357865	A	G	4	0.9375	0.376	1.0042	0.8874	0.0013	80.83
2	83410251	rs6760584	G	T	4	0.4328	0.3762	1.0285	1.0699	0.0134	71.99
21	16555717	rs2823717	A	T	4	0.04731	0.3763	0.932	0.9217	0.0011	81.35
1	95591184	rs11590181	G	T	4	0.1787	0.3764	1.075	1.1163	0.005	76.61
18	5577607	rs1719937	A	G	4	0.507	0.3764	1.0242	1.0925	0.0004	83.44
7	97308426	rs6465629	C	T	4	0.5366	0.3765	0.9697	0.8983	0.0022	79.44
10	30470812	rs10508745	C	T	4	0.004977	0.3766	1.1198	1.0666	0.0554	60.44
21	16553692	rs4381854	C	T	4	0.05132	0.3768	0.9331	0.9227	0.0013	80.85
18	5584350	rs1785407	A	G	4	0.3767	0.3771	1.0311	1.0913	0.0002	84.45
18	5584648	rs1785408	A	G	4	0.3767	0.3771	1.0311	1.0913	0.0002	84.45

18	5584667	rs1719943	C	T	4	0.3767	0.3771	1.0311	1.0913	0.0002	84.45
3	44998914	rs6441875	C	T	4	0.366	0.3774	1.0317	1.0714	0.0084	74.43
3	45005286	rs4683016	A	G	4	0.3686	0.3774	0.9695	0.9332	0.0082	74.54
20	19731315	rs17370886	G	T	4	0.3026	0.3774	0.9405	0.8832	0.0032	78.23
10	30470483	rs7896890	C	T	4	0.004957	0.3775	0.893	0.9376	0.0553	60.47
21	16554814	rs238962	C	T	4	0.08243	0.3775	0.9385	0.9235	0.0024	79.18
11	80661677	rs17141854	A	G	4	0.243	0.3778	0.9047	0.8479	0.0106	73.25
21	16553672	rs1389071	A	T	4	0.05267	0.3779	1.0712	1.0833	0.0014	80.76
6	130357104	rs1415699	A	G	4	0.3443	0.3783	0.9405	0.845	0.0004	83.46
3	45011179	rs9835136	A	G	4	0.3714	0.3784	1.0313	1.0715	0.0081	74.6
22	33926150	rs134445	C	T	4	0.05342	0.3784	0.9283	0.9351	0.0278	67.1
15	84618315	rs1159895	A	G	4	0.01073	0.3785	1.103	1.0613	0.0639	58.71
8	6812946	rs4543566	C	G	4	0.02429	0.3789	1.1288	1.0847	0.0671	58.07
21	16554235	rs2823709	A	G	4	0.05264	0.3791	1.0712	1.0836	0.0013	80.96
2	70819307	rs11126291	G	T	4	0.08318	0.3798	0.8722	0.8459	0.0047	76.89
5	105638139	rs10063657	C	T	4	0.738	0.3798	1.0154	1.1183	0.0003	84.17
21	16555037	rs2823713	A	T	4	0.05033	0.38	1.072	1.0843	0.0011	81.37
4	21227279	rs6848248	A	G	4	0.005428	0.3811	0.9073	0.9349	0.0102	73.47
18	5577094	rs1785378	A	G	4	0.4601	0.3818	0.9738	0.9161	0.0004	83.72
7	157015643	rs221238	C	T	4	0.04006	0.3821	0.8904	0.8947	0.0085	74.34
11	131494847	rs3925045	C	G	4	0.4078	0.3821	1.0387	1.1062	0.0026	78.94
11	80661868	rs10897779	G	T	4	0.3454	0.3825	1.0397	1.0871	0.0068	75.38
21	16554494	rs2823710	A	G	4	0.0525	0.3825	0.9335	0.9229	0.0011	81.23
21	40081847	rs2837218	C	G	4	0.05128	0.3825	1.0762	1.0626	0.0458	62.54
4	89068576	rs17842205	A	C	4	0.2519	0.3828	1.0756	1.142	0.0036	77.83
8	14879068	rs9650382	A	G	4	0.04802	0.3828	1.0758	1.0607	0.046	62.51
21	16553023	rs2823704	C	T	4	0.05494	0.3829	1.0706	1.0821	0.0015	80.52
2	17222881	rs484687	C	T	4	0.4947	0.3831	1.0351	1.1027	0.0113	72.91
4	116552171	rs6836582	A	G	4	0.5133	0.3831	1.0241	1.0765	0.0052	76.46
6	83342419	rs6904410	C	T	3	0.2069	0.3831	1.1777	1.3556	0.0034	82.41
21	16551998	rs239010	A	G	4	0.05474	0.3832	1.0706	1.0813	0.0017	80.25
16	47680675	rs1345408	C	G	4	0.02401	0.3835	0.9236	0.9406	0.0254	67.77
16	74938492	rs17698989	A	G	4	0.5793	0.3835	1.026	1.1017	0.003	78.45
14	78030008	rs1544623	A	G	4	0.326	0.3836	0.966	0.9351	0.0106	73.24
21	16558862	rs2823725	A	T	4	0.06447	0.384	1.0727	1.0859	0.0018	80
3	29736510	rs1371844	C	T	4	0.4312	0.3843	0.971	0.9318	0.0108	73.17
2	38439578	rs6716350	C	T	4	0.4079	0.3844	1.0329	1.109	0.0001	86.21

2	51647831	rs1406429	C	T	4	0.03556	0.3846	0.9292	0.9444	0.0394	64.06
4	116456988	rs17686110	A	C	4	0.3836	0.3848	1.0331	1.0748	0.0088	74.21
21	40085103	rs2837223	C	T	4	0.04882	0.3848	1.0772	1.0625	0.0455	62.61
18	5582779	rs1719939	C	T	4	0.3979	0.3854	0.9711	0.9171	0.0002	84.68
21	16550664	rs2823700	C	G	4	0.05727	0.3855	1.0698	1.0809	0.0016	80.27
3	45009415	rs4683017	C	T	4	0.3947	0.3859	0.9711	0.9345	0.0084	74.43
3	29738242	rs6783723	A	G	4	0.4344	0.3863	1.0296	1.0727	0.0109	73.11
4	92527407	rs7668527	A	T	4	0.486	0.3864	1.0274	1.0826	0.0051	76.57
10	30463891	rs11007913	A	G	4	0.004028	0.3865	1.1228	1.0664	0.0493	61.77
18	5579721	rs1785381	C	T	4	0.4758	0.3871	1.0263	1.091	0.0004	83.4
2	113532952	rs990524	C	T	4	0.02254	0.3872	1.0902	1.068	0.0241	68.19
2	105446439	rs13385109	A	T	4	0.06265	0.3877	0.8778	0.8732	0.0079	74.69
5	30094872	rs11743490	A	G	4	0.02077	0.3878	0.8675	0.9118	0.0655	58.38
6	30201343	rs10947055	C	T	4	0.02305	0.3881	1.1767	1.1393	0.0152	71.24
21	16549688	rs2823696	A	T	4	0.05844	0.3882	1.0696	1.082	0.0013	80.85
21	16550560	rs2823699	C	T	4	0.05984	0.3882	0.9354	0.9255	0.0016	80.31
21	17225906	rs7282020	A	C	4	0.006503	0.3883	1.1145	1.0652	0.0496	61.69
9	119032843	rs1335405	C	T	4	0.01042	0.3884	0.8211	0.8797	0.038	64.39
21	16552797	rs2823703	C	G	4	0.05723	0.3884	0.9347	0.9254	0.0016	80.37
3	29737133	rs6780134	A	G	4	0.4407	0.3886	1.0292	1.0724	0.0108	73.16
3	29736653	rs1371846	A	C	4	0.4439	0.3889	0.9718	0.9324	0.0106	73.27
2	51632332	rs2715088	C	T	4	0.02478	0.389	1.0815	1.0609	0.0279	67.05
1	199359602	rs942703	C	T	4	0.2653	0.3893	0.9553	0.9205	0.0048	76.77
7	97309563	rs13223125	A	T	4	0.5874	0.3895	0.9734	0.9003	0.002	79.71
8	60881049	rs10101487	A	G	4	0.5974	0.3895	0.98	0.9275	0.0068	75.37
21	16550037	rs2823697	C	T	4	0.05909	0.3898	1.0694	1.0816	0.0013	80.88
4	21227268	rs6824942	C	T	4	0.005719	0.3899	0.908	0.9358	0.0094	73.87
2	30844445	rs7592480	A	G	4	0.003978	0.3902	1.1133	1.0663	0.0248	67.96
18	5586091	rs1539812	C	T	4	0.4149	0.3906	0.9721	0.9176	0.0002	84.82
18	5586603	rs1719944	C	T	4	0.4149	0.3906	0.9721	0.9176	0.0002	84.82
4	92461122	rs1528581	C	T	4	0.3549	0.3908	1.0374	1.0897	0.002	79.74
2	70823291	rs3755352	A	T	4	0.08748	0.3909	1.1449	1.1801	0.0041	77.4
21	40083524	rs760285	A	G	4	0.04935	0.391	0.9285	0.9415	0.0433	63.13
7	157017352	rs221242	A	C	4	0.04297	0.3915	0.8919	0.8969	0.0088	74.16
18	5584917	rs1785410	C	T	4	0.4162	0.3915	1.0286	1.0899	0.0002	84.94
5	105650703	rs13185392	C	T	4	0.653	0.3916	1.0214	1.1108	0.001	81.64
21	16550380	rs9808741	G	T	4	0.06359	0.3917	1.0681	1.0806	0.0014	80.63

6	52615564	rs9463810	T	G	3	0.042	0.3919	1.3047	1.3099	0.0104	78.09
18	5580926	rs1785382	C	T	4	0.4079	0.3919	1.0292	1.0868	0.0004	83.74
11	131483057	rs11605616	C	G	2	0.002447	0.3923	0.3069	0.4345	0.0245	80.22
4	21227551	rs13117892	A	T	4	0.00593	0.3936	0.9083	0.9361	0.0092	73.98
4	92472949	rs1406316	C	T	4	0.3945	0.3939	0.9673	0.9206	0.0026	78.99
4	116441466	rs10434023	C	T	4	0.405	0.3939	1.0316	1.0731	0.009	74.07
4	116472360	rs7655124	C	T	4	0.4088	0.3939	1.0313	1.0743	0.0076	74.87
7	97313206	rs17131831	A	G	4	0.6003	0.3941	0.9743	0.901	0.002	79.77
3	29753247	rs1866773	C	T	4	0.3816	0.3943	1.0315	1.0688	0.009	74.06
15	86281541	rs1435399	A	T	4	0.01064	0.3944	0.8878	0.9281	0.0373	64.55
16	50054960	rs13338826	C	G	4	0.1374	0.3945	0.9377	0.9205	0.0077	74.8
21	40114073	rs1984023	A	G	4	0.05661	0.3946	1.0746	1.0609	0.0467	62.34
4	92471115	rs6833290	C	T	4	0.4025	0.3948	1.0332	1.086	0.0026	78.96
15	89900920	rs11637543	C	T	4	0.2726	0.3948	0.9564	0.9131	0.0008	81.98
7	157023027	rs221250	A	G	4	0.04365	0.395	1.1208	1.1145	0.0084	74.39
17	51880345	rs7224952	C	T	4	0.005472	0.395	0.8983	0.9352	0.0227	68.61
2	30858582	rs2030383	G	T	4	0.001234	0.3958	0.8849	0.9339	0.0143	71.63
2	55796721	rs12474717	G	T	4	0.007739	0.3961	0.8431	0.883	0.0061	75.8
4	116485614	rs6828907	C	G	4	0.4087	0.3961	0.9694	0.9304	0.0071	75.17
18	5579629	rs1785380	A	C	4	0.5253	0.3961	1.0232	1.0882	0.0004	83.4
2	51629015	rs1528814	C	T	4	0.02574	0.3962	1.0816	1.0595	0.0318	65.99
2	30843832	rs13003439	G	T	4	0.004369	0.3963	1.112	1.0654	0.0247	68
2	51641486	rs2698022	A	C	4	0.03105	0.3968	1.0782	1.0599	0.0288	66.81
4	92459301	rs7653977	A	T	4	0.3215	0.3969	0.9617	0.9165	0.0013	80.96
22	33897413	rs134370	C	G	4	0.05943	0.397	1.0753	1.0692	0.0204	69.37
4	21227772	rs10000010	C	T	4	0.006148	0.3972	0.9087	0.9365	0.009	74.08
4	58782188	rs2570073	A	C	4	0.01138	0.3975	1.1032	1.0692	0.0211	69.12
2	30858583	rs2030384	G	T	4	0.001245	0.3977	0.885	0.9342	0.0142	71.67
5	105650965	rs13185419	A	C	4	0.6784	0.3979	0.9806	0.9011	0.0009	81.8
21	40101083	rs2837232	A	G	4	0.04679	0.398	1.0779	1.0621	0.0392	64.1
4	116438169	rs6853566	C	T	4	0.4172	0.3983	0.9701	0.9323	0.0087	74.22
8	17542512	rs6981782	C	T	2	0.0116	0.3983	2.0451	1.8516	0.0111	84.5
3	151370478	rs16862540	C	G	4	0.6685	0.3988	1.0192	1.0892	0.0078	74.75
8	12893231	rs1519150	A	T	4	0.001942	0.3988	0.8831	0.936	0.0281	67
2	38431205	rs6737169	C	T	4	0.4515	0.3989	0.971	0.9032	0.0001	86.56
12	119031310	rs3936255	T	G	3	0.4106	0.3989	1.0485	1.1586	0.0027	83.07
12	128846223	rs1376795	C	T	4	0.04818	0.3989	1.0784	1.0657	0.0288	66.81

5	105608827	rs6878200	C	T	4	0.7587	0.3992	0.9868	0.9148	0.0026	78.91
12	118998008	rs3852585	T	C	3	0.4667	0.3992	1.0428	1.1589	0.0024	83.46
21	17222789	rs17210470	C	T	4	0.01289	0.3995	1.1066	1.0624	0.0629	58.9
3	151376909	rs1386291	C	T	4	0.6559	0.3998	1.02	1.0888	0.0078	74.74
1	48896205	rs7556329	C	G	4	0.3259	0.4001	1.0776	1.1563	0.0055	76.28
2	17296529	rs6712339	C	T	4	0.7084	0.4004	1.0183	1.0947	0.0111	73.02
12	17575942	rs11043491	G	T	4	0.4006	0.4005	0.9627	0.9119	0.0038	77.67
12	128845279	rs1031400	A	G	4	0.04867	0.4005	0.9274	0.9383	0.0277	67.11
9	4855256	rs12554461	A	G	4	0.8339	0.4009	0.9922	0.9316	0.0088	74.2
18	5588976	rs1785415	A	G	4	0.4444	0.4009	0.9738	0.9185	0.0002	85.16
11	131489477	rs12223742	C	T	4	0.4171	0.401	0.9635	0.9078	0.0026	78.96
21	40083878	rs11701338	C	T	4	0.05186	0.4012	0.9293	0.9423	0.0407	63.73
18	5586929	rs1785413	A	G	4	0.4477	0.4013	1.0267	1.0886	0.0002	85.15
2	51644884	rs1919433	C	G	4	0.03563	0.4017	1.0767	1.0581	0.0347	65.23
1	108005170	rs17479604	A	C	4	0.09217	0.402	1.0898	1.1067	0.0046	76.96
4	116498891	rs12651062	A	G	4	0.4256	0.402	1.0304	1.0743	0.0066	75.47
16	7375184	rs7202219	A	T	4	0.00784	0.402	0.8517	0.91	0.0458	62.55
22	33870522	rs5750066	G	T	4	0.03148	0.402	1.0909	1.0852	0.0034	78.04
14	94397359	rs7157782	C	T	4	0.05314	0.4024	0.861	0.8622	0.0074	74.99
18	5587676	rs1785414	G	T	4	0.4666	0.4024	0.9748	0.9176	0.0001	85.36
22	33899690	rs134378	G	T	4	0.06248	0.4028	1.0744	1.0689	0.019	69.85
1	75084050	rs12747472	C	T	4	0.3054	0.4029	1.0424	1.0848	0.0032	78.23
6	30227869	rs9468692	G	T	4	0.02192	0.4029	0.8457	0.8841	0.0231	68.51
10	110674541	rs3934875	A	G	4	0.01789	0.4034	1.1136	1.0702	0.0558	60.38
18	5586822	rs1719983	C	T	4	0.4537	0.4034	1.0263	1.0884	0.0001	85.22
4	92477494	rs1528564	C	T	4	0.3559	0.4037	0.9645	0.9251	0.0042	77.33
12	10711189	rs10743918	A	C	4	0.01125	0.4038	1.096	1.0551	0.0578	59.96
10	110505088	rs17769395	C	T	4	0.03553	0.4039	1.1022	1.0694	0.0652	58.46
5	13551578	rs6874889	A	G	4	0.0369	0.4042	1.1401	1.1596	0.0002	84.39
2	51644950	rs1919432	C	T	4	0.03365	0.4046	0.928	0.9443	0.0298	66.53
13	84181912	rs7319590	C	T	4	0.5195	0.4054	1.0365	1.1175	0.0021	79.62
18	5588554	rs1719985	C	T	4	0.4678	0.4054	1.0255	1.0859	0.0002	84.52
3	151371682	rs1486796	C	T	4	0.6931	0.4055	0.9826	0.9189	0.0075	74.93
18	44767911	rs12962825	A	G	4	0.494	0.4066	0.975	0.9286	0.0032	78.23
2	51635788	rs2715077	A	C	4	0.02855	0.4067	1.0801	1.0599	0.0254	67.79
10	30332603	rs11007851	C	T	4	0.05099	0.4067	0.9328	0.9457	0.0394	64.05
21	29943925	rs363586	G	T	4	0.3528	0.4069	1.0936	1.1783	0.0154	71.18

14	32680251	rs6571583	C	T	4	0.05364	0.4073	1.0782	1.0629	0.0393	64.08
16	45361965	rs11247495	C	T	4	0.656	0.408	0.9767	0.8981	0.0019	79.85
7	97314777	rs6966699	C	T	4	0.6558	0.4089	0.9781	0.9033	0.0018	80.08
9	10622596	rs2890924	G	T	4	0.588	0.4089	0.9735	0.9021	0.0014	80.79
12	118973019	rs5028648	G	A	3	0.4344	0.4094	1.0466	1.1547	0.0027	83.04
16	7371378	rs8057663	A	G	4	0.01152	0.41	0.8585	0.9128	0.0513	61.32
14	94397102	rs7157079	A	G	4	0.06065	0.4101	0.8676	0.8657	0.0069	75.28
22	33890448	rs134318	C	T	4	0.06398	0.4103	1.074	1.0679	0.0186	70
2	219002502	rs6720403	A	C	4	0.3509	0.4104	1.0342	1.0691	0.009	74.09
2	219003493	rs3821031	C	T	4	0.3509	0.4104	1.0342	1.0691	0.009	74.09
21	40094036	rs2837227	C	T	4	0.05022	0.4105	0.9288	0.9434	0.0412	63.62
7	157012904	rs6944484	A	C	4	0.05095	0.4109	1.1173	1.1131	0.0068	75.35
1	48894788	rs6674328	C	T	4	0.3474	0.411	0.9309	0.8655	0.0044	77.09
4	92459340	rs7683541	C	T	4	0.4201	0.4111	1.0325	1.0809	0.0043	77.23
17	68393833	rs4969122	A	C	4	0.01896	0.4111	0.9205	0.9499	0.062	59.08
17	68393953	rs4969123	A	G	4	0.01896	0.4111	0.9205	0.9499	0.062	59.08
6	117190939	rs603540	C	T	4	0.05399	0.4113	1.0748	1.0695	0.0143	71.62
2	51633763	rs2698029	G	T	4	0.02185	0.4114	0.9225	0.9434	0.0229	68.55
7	152454977	rs1107875	A	G	4	0.1623	0.4117	1.0536	1.0768	0.0036	77.85
11	18858429	rs4757732	C	T	4	0.0247	0.4122	0.8812	0.9125	0.0269	67.33
9	10614748	rs2146089	A	G	4	0.5481	0.4124	0.9708	0.9079	0.003	78.5
21	40095584	rs2837229	C	T	4	0.04883	0.4124	0.9284	0.9433	0.0395	64.04
9	10616033	rs7030993	A	G	4	0.5557	0.413	1.0294	1.1012	0.0029	78.63
14	94396959	rs7156858	A	C	4	0.06379	0.4132	0.8686	0.8664	0.0071	75.17
7	152455222	rs1107874	A	T	4	0.1663	0.4138	0.9493	0.9284	0.0035	77.96
22	33928993	rs713969	A	C	4	0.06868	0.4139	0.9323	0.9386	0.0236	68.33
12	97075690	rs10860299	A	G	4	0.8371	0.414	1.0077	0.9269	0.0025	79.03
17	68392507	rs4494615	C	T	4	0.02068	0.4141	0.9216	0.9504	0.0638	58.74
22	33909346	rs134406	C	T	4	0.06423	0.4143	0.9312	0.9373	0.0196	69.65
4	72311240	rs7655668	C	G	4	0.1557	0.4144	0.9272	0.8795	0.0001	85.63
6	83348993	rs1999412	C	A	3	0.2742	0.4147	1.1516	1.3396	0.0024	83.4
2	51640024	rs2698024	A	G	4	0.03704	0.4149	1.0755	1.0571	0.03	66.48
7	97316047	rs10486009	C	G	4	0.6857	0.415	0.9799	0.9036	0.0017	80.21
3	24755270	rs4075988	A	G	4	0.02447	0.4151	1.118	1.0823	0.0279	67.06
4	40505735	rs882733	A	G	4	0.742	0.4151	0.9841	0.9073	0.0033	78.18
2	51646842	rs1528812	C	G	4	0.0383	0.4152	1.0751	1.0576	0.0286	66.86
2	38424759	rs10198323	C	T	4	0.5298	0.4155	0.9757	0.9066	0.0001	86.51

3	117034860	rs2944404	A	G	4	0.01331	0.4155	1.1856	1.1068	0.0552	60.5
4	72302238	rs7689609	C	T	4	0.1174	0.4156	1.0834	1.126	0.0002	84.61
4	13326569	rs13120921	C	T	4	0.2491	0.4159	1.0422	1.0705	0.0054	76.33
15	58093606	rs12595222	A	G	4	0.9554	0.416	1.0028	1.1091	0.001	81.59
12	126490843	rs4761007	C	T	4	0.04038	0.4163	0.9204	0.9297	0.0094	73.84
21	40127381	rs9980807	C	T	4	0.06215	0.4163	0.9321	0.9441	0.0409	63.69
17	68391508	rs4476236	A	G	4	0.02096	0.4165	1.0849	1.0519	0.0631	58.86
18	5589104	rs1785416	C	T	4	0.5197	0.4166	0.9777	0.9189	0.0001	85.78
17	68393030	rs4969120	C	T	4	0.01995	0.4173	0.9211	0.9504	0.0611	59.28
4	40498127	rs17441923	C	T	4	0.709	0.4174	0.982	0.9091	0.004	77.48
4	115536217	rs11935578	G	T	4	0.2529	0.4174	0.9595	0.9334	0.0047	76.84
10	110629257	rs12258374	C	T	4	0.03993	0.4177	1.0862	1.0587	0.0638	58.73
5	64329326	rs1309540	A	G	4	0.01347	0.418	1.1272	1.0831	0.0222	68.78
12	68680548	rs11178026	C	T	4	0.3003	0.4181	0.9599	0.9266	0.0045	77.02
16	29922065	rs11150580	C	T	3	0.8991	0.4182	0.9953	0.9166	0.001	85.61
21	40087332	rs2837225	A	C	4	0.06791	0.4182	1.074	1.064	0.0291	66.73
16	7375166	rs7202208	A	G	4	0.008576	0.4183	0.8532	0.9123	0.0437	63.04
13	89221294	rs7984054	A	C	4	0.3378	0.4185	1.1104	1.2165	0.0064	75.6
11	18846017	rs1384642	A	G	4	0.02361	0.4187	1.1365	1.095	0.0265	67.46
17	68394861	rs4570929	A	C	4	0.02031	0.4194	1.0854	1.0519	0.0613	59.23
17	68392999	rs4969119	C	T	4	0.02092	0.4195	0.9217	0.9509	0.0626	58.96
10	110714483	rs11599609	C	T	4	0.02777	0.4197	1.1059	1.0665	0.0646	58.58
2	51639121	rs2950942	C	T	4	0.03214	0.4198	0.9279	0.9447	0.0228	68.59
4	116428916	rs2135965	A	G	4	0.4708	0.4199	0.973	0.9323	0.006	75.87
5	105416189	rs10056331	C	T	4	0.858	0.4199	1.0067	1.0768	0.0027	78.8
13	84142066	rs9575636	A	G	4	0.5383	0.4201	1.0335	1.1096	0.0021	79.52
2	113543867	rs1446521	A	G	4	0.0176	0.4203	0.9117	0.9364	0.0167	70.69
2	51646400	rs1528813	A	T	4	0.04125	0.4205	0.9307	0.9471	0.034	65.42
10	110748773	rs11592575	C	T	4	0.02522	0.4205	0.9037	0.9387	0.0683	57.84
4	92469018	rs6532296	A	G	4	0.382	0.4207	1.0335	1.073	0.0059	75.97
2	64135002	rs7560803	A	G	4	0.03192	0.4212	1.1651	1.1118	0.0474	62.18
2	172243583	rs10803863	C	T	4	0.2684	0.4212	0.9584	0.9219	0.0009	81.86
17	68394639	rs8078727	C	T	4	0.0201	0.4213	0.9212	0.9508	0.0603	59.44
4	92462653	rs6532291	A	G	4	0.3549	0.4218	1.0376	1.086	0.0014	80.64
8	112148387	rs1896238	A	G	4	0.2794	0.4219	0.9572	0.9205	0.0018	80.02
5	115858991	rs32972	C	T	4	0.7182	0.422	1.013	1.0891	0.0001	85.8
21	16548642	rs2823692	A	C	4	0.06726	0.422	0.935	0.9266	0.0011	81.29

13	43932814	rs9533862	C	G	3	0.002227	0.4221	0.6063	0.7634	0.0872	59.01
4	72340320	rs12650549	G	T	4	0.1562	0.4224	0.9295	0.8888	0.0002	84.39
11	18845442	rs1384641	C	G	4	0.02531	0.4228	0.8822	0.9138	0.0247	68
2	51639646	rs2715062	A	G	4	0.03668	0.423	1.0757	1.0567	0.0275	67.18
4	72342980	rs2363717	G	T	4	0.1573	0.423	1.0756	1.1247	0.0003	84.32
2	51632225	rs2715086	A	T	4	0.02663	0.4233	1.0804	1.0575	0.0242	68.15
4	72339473	rs10938138	C	G	4	0.1576	0.4233	1.0756	1.1253	0.0002	84.49
15	89910099	rs6496832	A	G	4	0.2518	0.4235	1.0453	1.0749	0.0045	77.04
1	48893107	rs973886	G	T	4	0.356	0.4236	1.0734	1.1537	0.0039	77.54
2	51635357	rs2698028	C	T	4	0.02469	0.424	0.924	0.9446	0.022	68.85
17	68389374	rs4575596	C	T	4	0.02128	0.4242	1.0847	1.0512	0.0616	59.18
4	40496876	rs17513709	G	T	4	0.7313	0.4245	0.9834	0.91	0.0039	77.53
6	83348901	rs1999411	T	C	3	0.2847	0.4245	1.1494	1.3351	0.0022	83.62
7	97316254	rs10486010	C	T	4	0.6903	0.4249	1.0202	1.105	0.0016	80.36
9	71237455	rs3737172	C	T	4	0.03508	0.425	1.0993	1.0697	0.0406	63.75
11	2794317	rs12285496	C	G	4	0.05793	0.4253	1.0887	1.0721	0.03	66.48
7	97319748	rs10486011	C	T	4	0.6963	0.4257	0.9805	0.9049	0.0017	80.24
17	787555	rs7222776	G	T	4	0.02682	0.4259	0.9188	0.9185	0.0003	83.95
2	172266418	rs2138348	G	T	4	0.27	0.426	0.9586	0.9219	0.0007	82.32
14	42261110	rs17633001	A	G	4	0.1912	0.426	0.9038	0.8656	0.0037	77.77
17	68395088	rs4503863	C	T	4	0.02069	0.4261	0.9216	0.9512	0.0595	59.61
4	72334532	rs1563045	C	T	4	0.1181	0.4272	0.9262	0.894	0.0002	84.71
4	92464469	rs955500	C	T	4	0.4043	0.4274	0.9691	0.9309	0.004	77.49
2	38427194	rs11687138	A	G	4	0.751	0.4278	0.9872	0.908	0.0001	85.68
21	40131660	rs1004663	C	G	4	0.06463	0.428	1.0722	1.0584	0.0377	64.46
2	51632624	rs2715089	A	C	4	0.02744	0.4283	1.08	1.057	0.0235	68.36
2	17263732	rs287300	A	G	4	0.716	0.4287	1.0178	1.0884	0.0111	73
4	72340027	rs4694388	A	G	4	0.1647	0.4292	0.9306	0.8897	0.0002	84.44
17	9717196	rs12953287	C	T	4	0.1281	0.4293	0.9298	0.9172	0.0065	75.57
4	72341689	rs2016353	A	G	4	0.1622	0.4296	1.0754	1.124	0.0002	84.37
5	64346595	rs266581	A	T	4	0.008977	0.4297	0.8811	0.9224	0.0156	71.09
17	68393965	rs4969124	C	T	4	0.02152	0.4297	1.0846	1.0509	0.0595	59.59
4	72327457	rs12506660	C	T	4	0.1132	0.43	1.0807	1.1198	0.0001	85.27
10	110747661	rs11194333	C	T	4	0.02777	0.43	0.9053	0.9399	0.0684	57.83
3	106367794	rs884477	A	G	3	0.0102	0.4301	0.8757	0.919	0.0309	71.25
7	97318328	rs13224424	C	T	4	0.7163	0.4305	1.0186	1.1039	0.0017	80.21
2	134741150	rs3791275	A	G	3	0.03556	0.4309	0.8273	0.8548	0.0156	75.95

2	51645727	rs1609361	A	G	4	0.03475	0.431	0.9295	0.9465	0.0238	68.28
11	18844035	rs4325289	C	G	4	0.02961	0.4311	1.1302	1.0931	0.024	68.2
11	13577497	rs11022897	C	T	4	0.7545	0.4315	0.9885	0.9357	0.0063	75.71
14	42258562	rs1712699	A	C	4	0.1838	0.4315	0.9094	0.8734	0.0032	78.25
17	68394559	rs8078564	C	G	4	0.0213	0.4316	0.9219	0.9516	0.0585	59.8
2	172249855	rs1554166	G	T	4	0.2922	0.4318	0.9604	0.9229	0.0007	82.23
4	92460094	rs6816883	A	G	4	0.4038	0.4323	0.9688	0.9311	0.004	77.51
15	58091041	rs4775230	C	T	4	0.8928	0.4323	0.9933	1.1102	0.0005	83.19
2	17251821	rs287293	C	T	4	0.7274	0.4325	1.0171	1.0876	0.0111	73
2	172257876	rs6757773	A	T	4	0.2831	0.4326	0.9597	0.9223	0.0006	82.64
6	52586483	rs9474254	G	A	3	0.04517	0.4326	1.303	1.2947	0.0074	79.62
8	54337603	rs16918960	A	T	4	0.02021	0.4327	0.8753	0.9085	0.0128	72.23
7	44209963	rs2971668	C	G	3	0.03591	0.4329	1.1048	1.0785	0.0348	70.21
2	113541857	rs2100071	A	C	4	0.02845	0.433	0.9203	0.9411	0.0208	69.24
8	129304629	rs16902742	A	G	4	0.3538	0.4337	1.0804	1.1508	0.0099	73.62
11	18877606	rs2200174	A	G	4	0.02154	0.4338	1.1417	1.0948	0.0246	68.04
4	92491016	rs6532301	A	G	4	0.4781	0.434	0.9725	0.9272	0.003	78.44
2	38417031	rs10177042	C	G	4	0.6705	0.4341	1.0165	1.0937	0.0001	85.55
1	95558817	rs17113368	C	T	4	0.267	0.4342	0.935	0.8909	0.0035	77.91
1	199367062	rs10800760	A	G	4	0.302	0.4343	1.0451	1.0843	0.0031	78.31
4	72332316	rs2045012	G	T	4	0.1206	0.4343	1.079	1.119	0.0001	85.34
2	29148258	rs17744093	C	G	4	0.02975	0.4344	1.0955	1.0623	0.0496	61.71
2	51630745	rs11563043	C	G	4	0.02832	0.4344	0.9264	0.9465	0.0228	68.6
14	78027611	rs11622766	A	G	4	0.3282	0.4344	0.9655	0.9361	0.0046	76.94
2	51632158	rs2715084	C	T	4	0.02845	0.4347	1.0794	1.0564	0.0228	68.57
9	71237419	rs1217339	A	G	4	0.03743	0.4351	0.9107	0.9359	0.039	64.15
3	178807690	rs9855198	A	G	4	0.01877	0.4353	1.0967	1.0577	0.0524	61.09
9	71237918	rs1217338	C	T	4	0.03861	0.4355	0.9117	0.936	0.0381	64.38
12	65462660	rs994302	C	G	4	0.06695	0.4357	1.0664	1.0535	0.0349	65.18
2	29142915	rs17744052	A	G	4	0.03704	0.4358	0.9178	0.9422	0.0456	62.6
10	122962348	rs11593067	C	T	4	0.5445	0.436	0.9792	0.9429	0.0114	72.87
2	172300209	rs6722757	A	G	4	0.3003	0.4361	0.961	0.9238	0.0008	82.13
17	68395153	rs7223107	C	T	4	0.02192	0.4364	0.9223	0.952	0.0577	59.97
10	110697815	rs7070406	A	T	4	0.02396	0.4368	1.1081	1.0653	0.0552	60.5
10	110747675	rs11194334	A	C	4	0.03026	0.4369	0.8982	0.935	0.0668	58.14
1	75124915	rs6664850	A	G	4	0.3835	0.4373	1.0346	1.0768	0.0027	78.77
7	125563862	rs626762	A	C	4	0.05575	0.4376	0.902	0.9206	0.023	68.53

4	92478508	rs1534556	A	G	4	0.6293	0.4377	1.019	1.081	0.0016	80.4
4	72334992	rs1319630	C	T	4	0.1327	0.4379	1.0765	1.1161	0.0002	84.84
12	68683295	rs1565723	C	T	4	0.3361	0.438	0.9628	0.9287	0.0038	77.68
2	113537588	rs2515404	C	T	4	0.02926	0.4384	1.0861	1.0618	0.021	69.18
4	92459948	rs6532290	G	T	4	0.4311	0.439	1.0304	1.0734	0.0037	77.73
8	4083982	rs17069682	A	C	4	0.2449	0.439	1.1054	1.1976	0.0004	83.73
6	117190566	rs682747	A	C	4	0.05519	0.4393	0.9307	0.9378	0.0126	72.34
4	72328528	rs3907208	A	T	4	0.1194	0.4394	1.0797	1.118	0.0001	85.35
2	172294897	rs2292815	C	G	4	0.3027	0.44	0.9612	0.9238	0.0007	82.47
1	75146613	rs17562236	A	G	4	0.3894	0.4404	0.967	0.9294	0.0028	78.68
10	110679319	rs17700354	C	T	4	0.02168	0.4404	1.11	1.0657	0.0499	61.64
6	1653870	rs9405506	C	T	4	0.7647	0.4407	1.0125	1.0837	0.0017	80.15
2	51649917	rs1528809	A	G	4	0.03847	0.4408	1.0755	1.0551	0.0267	67.42
6	51283445	rs13211684	C	T	4	0.3399	0.4409	0.9656	0.9359	0.0049	76.74
1	199367119	rs12025414	A	G	4	0.2923	0.4411	0.956	0.923	0.003	78.51
2	172268975	rs12185567	A	C	4	0.2998	0.4412	1.0406	1.083	0.0006	82.79
3	29735511	rs1440524	C	T	4	0.4363	0.4415	1.0286	1.0666	0.0055	76.23
12	128846311	rs1376796	G	T	4	0.05853	0.4416	0.9302	0.9418	0.0221	68.83
2	172244094	rs11678984	G	T	4	0.3092	0.4417	0.9617	0.924	0.0007	82.49
4	92530648	rs6820807	A	T	4	0.4518	0.4419	0.9713	0.9332	0.006	75.86
1	75147442	rs12755578	C	G	4	0.4025	0.4422	0.9676	0.9292	0.0027	78.76
10	110680293	rs17700389	G	T	4	0.0218	0.4426	1.1099	1.0655	0.0495	61.71
2	113503827	rs4849143	C	G	4	0.01677	0.4427	0.9132	0.9445	0.0309	66.22
5	115859204	rs32973	A	G	3	0.1932	0.4429	0.9408	0.8942	0.0021	83.81
18	40396618	rs9949152	C	T	4	0.03277	0.4431	1.1026	1.0647	0.0582	59.86
16	7375151	rs7202052	A	G	4	0.01073	0.4432	0.8578	0.9162	0.0407	63.73
4	92528251	rs1528579	A	T	4	0.4614	0.4433	0.9719	0.933	0.0056	76.21
3	8907353	rs658339	A	G	3	0.007626	0.4436	0.7163	0.819	0.0568	65.12
5	104055382	rs17350038	C	G	4	0.07337	0.4437	1.0855	1.0868	0.0035	77.92
2	38443251	rs11687878	G	T	4	0.7705	0.444	1.012	1.0984	0.0001	85.75
4	92528566	rs10856885	C	T	4	0.459	0.4441	0.9718	0.9335	0.006	75.9
5	13526523	rs16902590	C	T	4	0.02897	0.4442	0.8628	0.8649	0.0003	83.91
8	4084387	rs17069688	C	G	4	0.242	0.4443	1.1062	1.196	0.0003	83.8
4	92524147	rs6844256	C	G	4	0.5708	0.4447	0.9785	0.932	0.0041	77.38
4	92484643	rs1881454	C	G	4	0.4221	0.4448	1.0307	1.0697	0.0054	76.33
2	38441642	rs11900967	A	T	4	0.7831	0.4455	0.9888	0.9107	0.0001	85.75
6	30248519	rs13212414	A	T	4	0.01899	0.4456	0.838	0.8901	0.0237	68.32

5	178244599	rs6894878	A	G	3	0.3075	0.4458	1.0578	1.1499	0.0001	89.61
17	9717002	rs12936268	A	T	4	0.1489	0.4459	0.9332	0.9197	0.0062	75.79
22	23839747	rs713876	A	G	4	0.534	0.4459	1.0239	1.0666	0.0086	74.29
5	105465931	rs10066864	C	T	4	0.9529	0.4462	1.003	0.9099	0.002	79.79
4	92489733	rs6841781	C	T	4	0.432	0.4463	1.0301	1.0692	0.0056	76.16
6	94859869	rs2787950	A	C	4	0.01482	0.4464	0.9162	0.9513	0.05	61.6
6	94782808	rs1352380	C	T	4	0.02624	0.4465	1.0801	1.0488	0.0551	60.52
9	71238297	rs2991695	A	G	4	0.04307	0.4473	0.9136	0.938	0.0397	63.98
4	92521289	rs2178221	C	T	4	0.5843	0.4475	0.9792	0.9323	0.0041	77.42
2	51648256	rs1581667	C	T	4	0.04171	0.4481	0.9313	0.9483	0.0243	68.13
2	51649426	rs2698014	G	T	4	0.04211	0.4482	1.0736	1.0545	0.0246	68.04
5	104037774	rs17415237	A	C	4	0.07398	0.4483	1.0853	1.0839	0.0047	76.86
5	64338340	rs1309534	A	G	4	0.01434	0.4484	1.126	1.0798	0.0172	70.48
7	152454874	rs2311855	G	T	4	0.279	0.4484	0.9623	0.9341	0.002	79.66
10	110692416	rs11596345	A	G	4	0.02621	0.4485	1.1063	1.0637	0.0542	60.7
10	110687958	rs11595032	A	T	4	0.0251	0.4486	0.9032	0.9398	0.0523	61.12
2	172277833	rs312918	C	G	4	0.3307	0.4487	1.0378	1.082	0.0005	83.16
2	38418894	rs11884107	C	T	4	0.7933	0.4491	1.0106	1.0939	0.0002	85.17
2	64137490	rs13429819	A	G	4	0.03418	0.4491	0.8592	0.903	0.0418	63.47
4	72345306	rs2579331	A	G	4	0.1508	0.4496	1.0739	1.1091	0.0004	83.41
16	45321875	rs2075157	C	T	4	0.7554	0.4497	0.9838	0.9063	0.0015	80.49
2	172285522	rs10206062	A	T	4	0.3184	0.4503	0.9625	0.9246	0.0005	82.92
2	64129701	rs17028360	A	G	4	0.002292	0.4507	0.7867	0.8871	0.0285	66.88
11	83240882	rs7943773	C	T	4	0.5211	0.4508	1.0659	1.1852	0.0059	75.94
15	36730429	rs10852029	A	G	4	0.04543	0.4508	1.0741	1.0598	0.0128	72.26
3	117050666	rs3772968	A	G	4	0.02711	0.4509	1.165	1.0952	0.0688	57.75
4	92523247	rs6837355	A	G	4	0.5929	0.4509	0.9797	0.9327	0.004	77.46
8	54348944	rs9792157	A	C	4	0.01968	0.4509	0.8736	0.9093	0.0102	73.45
16	70564733	rs7197967	A	G	4	0.01981	0.4509	1.1369	1.099	0.0049	76.73
12	68683857	rs1565725	C	T	4	0.3504	0.4511	1.0381	1.0757	0.0036	77.81
13	89487776	rs1491005	C	T	4	0.03891	0.4512	1.0955	1.0634	0.0448	62.77
17	68396477	rs8069336	A	G	4	0.02378	0.4515	1.0831	1.0492	0.0548	60.58
6	116133539	rs9400871	T	A	3	0.01413	0.4516	1.1558	1.1375	0.0029	82.88
13	76023588	rs285669	A	G	4	0.01406	0.452	0.9103	0.9423	0.0193	69.75
2	51633654	rs2222779	A	G	4	0.04528	0.4521	0.9319	0.9494	0.0297	66.55
7	152443576	rs607348	C	T	4	0.3239	0.4525	1.0381	1.0723	0.0027	78.86
10	110687591	rs6584909	A	G	4	0.02482	0.4527	1.1074	1.0638	0.0507	61.46

1	75159525	rs12121720	A	G	4	0.4067	0.4528	1.033	1.0749	0.0024	79.15
13	84143232	rs12100200	A	G	4	0.6796	0.4528	1.0222	1.101	0.0021	79.53
2	172285362	rs7597387	C	T	4	0.3237	0.453	1.0386	1.0812	0.0005	82.99
4	72336555	rs2060903	A	G	4	0.1483	0.453	0.9308	0.8983	0.0002	84.88
2	172288200	rs973889	A	G	4	0.3265	0.4531	0.9631	0.9253	0.0006	82.81
2	51649455	rs2715057	C	T	4	0.04291	0.4532	0.9317	0.9487	0.0235	68.35
2	51649652	rs1528811	C	T	4	0.04447	0.4532	0.9322	0.9489	0.0246	68.02
2	51652775	rs2715076	A	C	4	0.04441	0.4533	1.0727	1.0538	0.0246	68.04
2	172294131	rs10207085	G	T	4	0.3216	0.4534	1.0388	1.0807	0.0006	82.77
12	10712107	rs7297205	C	T	4	0.0131	0.4534	1.0957	1.0524	0.0449	62.75
12	68683835	rs1565724	A	C	4	0.3583	0.4534	0.9639	0.9302	0.0038	77.65
7	152475034	rs7810943	A	G	4	0.4006	0.4535	1.0303	1.0656	0.0044	77.1
2	172488378	rs10202823	C	T	3	0.6502	0.4536	1.0178	1.1023	0.0001	89.47
4	72337409	rs10470737	A	G	4	0.1495	0.4537	0.931	0.8987	0.0002	84.8
11	86022325	rs1938928	C	T	4	0.441	0.4537	1.0493	1.1049	0.0122	72.53
5	104047674	rs12516369	A	G	4	0.0776	0.454	1.0842	1.0827	0.0047	76.84
13	84147159	rs9575638	G	T	4	0.6861	0.454	0.9787	0.9081	0.0021	79.57
5	168144746	rs11134531	A	G	4	0.06997	0.4541	0.9356	0.9422	0.0111	73.03
10	110686488	rs12258030	A	G	4	0.02387	0.4541	1.1082	1.064	0.0487	61.9
8	5510132	rs10100498	A	C	4	0.6486	0.4544	0.9817	0.9329	0.006	75.91
10	110734026	rs11596046	A	G	4	0.029	0.4544	0.9054	0.9408	0.0548	60.58
10	110734457	rs17701356	A	G	4	0.029	0.4544	0.9054	0.9408	0.0548	60.58
10	110734927	rs17779611	C	T	4	0.029	0.4544	0.9054	0.9408	0.0548	60.58
1	75134581	rs1327098	A	G	4	0.4748	0.4546	1.0289	1.0733	0.0038	77.68
2	172350303	rs12692973	C	T	4	0.3212	0.4547	0.9626	0.9273	0.0009	81.83
8	17651768	rs3862101	C	T	4	0.02903	0.4548	1.1132	1.0699	0.0458	62.54
13	53936097	rs9536735	A	G	4	0.9194	0.4553	1.0059	1.1064	0.0074	74.96
4	183403463	rs7696796	A	G	4	0.09072	0.4554	0.9347	0.9333	0.0058	76.04
11	83252000	rs2037194	A	G	4	0.5197	0.4557	0.9357	0.8385	0.0051	76.56
17	68395857	rs6501572	G	T	4	0.02515	0.4557	1.0823	1.0487	0.0554	60.45
2	38366214	rs875654	C	T	4	0.7735	0.4566	0.9861	0.9183	0.0051	76.56
8	135092098	rs11998159	A	G	4	0.06789	0.4566	0.9386	0.9484	0.0209	69.2
8	54346783	rs2162181	C	T	4	0.02256	0.4568	1.1411	1.0987	0.0097	73.72
10	110740736	rs11593939	C	T	4	0.02978	0.4568	0.9059	0.9413	0.0561	60.31
2	134738798	rs3828176	A	T	4	0.01862	0.4572	0.8165	0.8702	0.0218	68.92
21	32946315	rs2833934	C	T	4	0.04252	0.4574	1.2192	1.1375	0.0565	60.23
4	92514491	rs7672780	A	G	4	0.5717	0.4575	1.022	1.0713	0.0039	77.6

8	54355648	rs2059547	C	T	4	0.02239	0.4577	0.8766	0.9097	0.0089	74.11
18	6397483	rs4797242	A	C	4	0.01784	0.4578	0.9124	0.9414	0.0151	71.3
2	38418548	rs13431831	C	G	4	0.8395	0.4579	0.9919	0.9159	0.0002	85.1
13	39443193	rs7338145	A	G	4	0.5714	0.458	0.9791	0.9346	0.0026	78.89
2	51649771	rs1528810	C	T	4	0.04575	0.4583	0.9326	0.9493	0.0239	68.25
6	121666786	rs9320803	C	T	4	0.01097	0.4583	0.8903	0.9396	0.0514	61.32
6	94777061	rs10806484	A	C	4	0.03018	0.4592	1.078	1.0478	0.0517	61.24
2	172313645	rs4667694	A	G	4	0.3244	0.4594	1.0386	1.0794	0.0006	82.56
5	104020427	rs7445539	A	G	4	0.07995	0.4595	1.0835	1.0834	0.0036	77.84
10	110740500	rs11593900	C	T	4	0.03027	0.4603	0.9057	0.9416	0.0563	60.26
10	110736026	rs11597293	A	C	4	0.0298	0.4606	0.9059	0.9415	0.0538	60.79
8	54352873	rs9792266	A	T	4	0.0202	0.4609	0.8741	0.9104	0.0093	73.93
2	172343943	rs10174525	C	T	4	0.3308	0.4615	1.038	1.0781	0.0007	82.25
12	10711585	rs10845199	C	T	4	0.01318	0.4616	0.9143	0.9524	0.0472	62.23
6	99031254	rs6941388	A	T	4	0.01657	0.4617	0.8071	0.8735	0.0154	71.17
2	172345846	rs6705200	A	G	4	0.3312	0.462	0.9634	0.9277	0.0008	82.21
2	172348869	rs10497374	A	G	4	0.3312	0.462	0.9634	0.9277	0.0008	82.21
9	10616389	rs1322294	A	G	4	0.6119	0.462	1.0254	1.0888	0.0038	77.67
10	124859893	rs17104648	C	G	4	0.05971	0.462	1.1788	1.133	0.0276	67.15
11	115309136	rs427875	A	C	4	0.02528	0.4621	1.0939	1.0658	0.0118	72.68
2	172317202	rs10184866	G	T	4	0.3292	0.4625	1.0382	1.0786	0.0006	82.57
5	104050721	rs12513560	C	T	4	0.08427	0.4625	0.9239	0.925	0.0047	76.84
2	172349291	rs11757	C	G	4	0.338	0.4626	0.9639	0.9281	0.0008	82.06
8	140500127	rs12680834	C	T	4	0.8782	0.4626	0.993	0.9254	0.0045	77.03
5	104017956	rs12189083	C	T	4	0.08162	0.4627	0.9234	0.9234	0.0035	77.96
4	72333961	rs9790757	C	T	4	0.1519	0.4631	1.0768	1.12	0.0001	85.79
4	187045575	rs13110782	A	G	4	0.7749	0.4634	0.9897	0.9362	0.0022	79.41
8	135211030	rs1446995	G	T	4	0.01684	0.4635	1.0854	1.0566	0.0109	73.1
6	116137208	rs9320546	T	C	3	0.01723	0.4639	1.1525	1.1346	0.0027	83.04
12	126490295	rs10847348	C	T	4	0.05551	0.464	1.0793	1.0709	0.005	76.66
1	65085401	rs10789166	A	G	4	0.07323	0.4641	1.0972	1.0875	0.0085	74.36
3	117048717	rs2972479	C	T	4	0.02899	0.4641	1.1621	1.0928	0.0651	58.47
12	97094264	rs1847534	A	C	4	0.5715	0.4641	1.0225	0.9272	0.0011	81.24
2	172334389	rs10194102	C	G	4	0.3352	0.4643	1.0377	1.0781	0.0007	82.5
6	136476887	rs3757154	C	G	4	0.4631	0.4643	0.9739	0.939	0.0039	77.56
9	10573907	rs4741038	A	T	3	0.2101	0.4643	1.0993	1.1673	0.0041	81.85
11	2799123	rs12294675	A	G	4	0.07443	0.4644	1.0905	1.0729	0.0256	67.74

7	52155467	rs2953431	A	G	4	0.0461	0.4646	1.0723	1.059	0.0087	74.26
12	68673713	rs7134411	C	T	4	0.3401	0.4651	1.038	1.0724	0.0033	78.19
1	75167786	rs12127639	C	G	4	0.4555	0.4655	0.9711	0.9321	0.0025	79.03
1	75176175	rs10782637	A	C	4	0.4603	0.4657	0.9714	0.9322	0.0026	78.98
2	172328016	rs4668412	A	G	4	0.338	0.4658	0.9639	0.9275	0.0006	82.64
4	92480699	rs4593093	G	T	4	0.4898	0.4658	0.9743	0.9374	0.0051	76.58
8	54352922	rs9792384	A	G	4	0.02096	0.4658	0.8748	0.911	0.009	74.1
2	172335589	rs11904009	G	T	4	0.3413	0.4662	1.0372	1.0777	0.0007	82.44
2	98851853	rs4851165	C	T	4	0.06327	0.4664	0.879	0.8941	0.0071	75.16
8	54353550	rs16918988	C	T	4	0.02256	0.4669	1.1437	1.0996	0.0083	74.46
2	51624921	rs1919434	C	T	4	0.02726	0.467	1.0793	1.0521	0.023	68.51
6	121445811	rs9401367	C	T	4	0.01803	0.4676	0.9005	0.9416	0.0437	63.02
10	128737210	rs7092964	C	T	4	0.9677	0.4676	1.0025	0.8949	0.0015	80.55
16	6838730	rs8054432	C	T	4	0.02865	0.4676	1.0872	1.0699	0.0029	78.56
8	129307851	rs7812998	A	G	4	0.3878	0.468	1.0746	1.1408	0.0086	74.28
2	51645271	rs1569190	G	T	4	0.0614	0.4681	0.9344	0.9476	0.021	69.16
4	149818435	rs4435727	C	G	4	0.0718	0.4685	0.9283	0.9376	0.0123	72.47
8	54356785	rs2376422	A	G	4	0.02068	0.4685	1.1436	1.0969	0.0093	73.92
1	48859991	rs12566140	A	G	4	0.8444	0.4686	1.0143	1.1317	0.0032	78.24
3	29756855	rs1866774	A	G	4	0.4522	0.4689	1.0271	1.06	0.0071	75.2
5	104018213	rs12189097	C	T	4	0.08501	0.4689	0.9242	0.924	0.0032	78.2
8	129311457	rs7840538	C	G	4	0.3899	0.4689	1.0743	1.1406	0.0085	74.33
2	51628777	rs1528815	C	G	4	0.02698	0.469	1.0795	1.0522	0.0217	68.93
5	104028035	rs6892501	A	C	4	0.08634	0.4693	1.0817	1.082	0.0033	78.13
3	151327125	rs12485454	C	T	4	0.8877	0.4694	1.0054	1.067	0.0046	76.91
6	94788810	rs10944710	C	T	4	0.02729	0.4696	1.0795	1.0467	0.0518	61.21
6	136508827	rs2170231	C	T	4	0.5469	0.4696	0.9786	0.9336	0.0008	82.04
4	92539047	rs2904382	A	G	4	0.5694	0.4698	1.0221	1.0684	0.0044	77.13
10	110709762	rs11593385	C	T	4	0.02915	0.4701	0.9056	0.9427	0.0535	60.86
8	135210399	rs7011020	A	G	4	0.02149	0.4704	0.9235	0.947	0.0109	73.09
2	51628765	rs1528816	A	G	4	0.02716	0.4706	1.0794	1.052	0.0217	68.93
2	113541556	rs7599662	C	T	4	0.0325	0.4707	0.9207	0.9442	0.0187	69.97
12	126488790	rs11059127	G	T	4	0.06791	0.4708	1.0762	1.07	0.0054	76.31
6	20974836	rs9368246	C	T	4	0.7403	0.4709	1.0123	1.061	0.0088	74.17
6	136500942	rs2046091	A	G	4	0.5343	0.4709	0.9778	0.9361	0.0016	80.27
13	54051478	rs9597010	A	T	4	0.3578	0.4709	1.0466	0.9041	0.0004	83.43
8	129311983	rs10505507	C	T	4	0.3946	0.4711	1.0735	1.1401	0.0084	74.39

13	39470053	rs7339164	A	G	4	0.4594	0.4712	1.0268	1.0693	0.0011	81.41
2	51636011	rs2698026	A	G	4	0.04094	0.4713	1.0746	1.0542	0.0169	70.59
8	129316558	rs9693045	C	T	4	0.3951	0.4714	1.0735	1.1405	0.0081	74.55
2	51651289	rs2698011	G	T	4	0.04472	0.4719	0.9323	0.9506	0.0232	68.47
2	51626532	rs1358580	A	G	4	0.02751	0.472	0.9266	0.9508	0.0219	68.87
13	104284662	rs9519490	C	T	4	0.4922	0.472	1.0308	1.0725	0.0092	73.97
2	172272267	rs312924	A	T	4	0.3685	0.4724	0.9661	0.9265	0.0004	83.68
7	26555282	rs4140898	A	G	3	0.9362	0.4724	1.0033	1.0817	0.0025	83.32
4	92512505	rs1358554	C	T	4	0.6318	0.473	0.9818	0.9356	0.0038	77.64
6	124511753	rs9388306	C	G	4	0.0146	0.473	1.1414	1.0743	0.042	63.42
1	75170858	rs12732265	C	T	4	0.4863	0.4734	1.0278	1.0712	0.0027	78.83
5	64299723	rs13178969	C	T	4	0.01454	0.4734	1.125	1.0756	0.0163	70.83
12	126488548	rs11059124	A	G	4	0.06936	0.4737	1.0758	1.0697	0.0053	76.43
6	136500931	rs2046092	A	G	4	0.5482	0.474	0.9785	0.9364	0.0016	80.37
21	40088875	rs2837226	A	C	4	0.06928	0.4746	1.071	1.0554	0.025	67.92
2	172376928	rs3770452	A	G	4	0.3206	0.4747	0.9626	0.9305	0.0009	81.77
13	89159717	rs9560417	A	G	4	0.4054	0.4747	0.9044	0.8194	0.0028	78.68
21	40145943	rs2837258	A	C	4	0.07279	0.4748	1.0706	1.0566	0.0227	68.63
4	92510260	rs7654013	G	T	4	0.5467	0.475	1.0243	1.069	0.0055	76.22
1	75167915	rs12129191	A	G	4	0.4911	0.4752	0.9733	0.9337	0.0026	78.88
8	135214566	rs6994801	C	G	4	0.0174	0.4754	0.9211	0.9475	0.0108	73.18
8	135212703	rs4897681	C	T	4	0.01746	0.4758	1.0855	1.0555	0.0104	73.34
10	110707237	rs17778715	C	T	4	0.03052	0.4763	0.9063	0.9431	0.0509	61.42
6	116136091	rs9372449	G	C	3	0.01536	0.4767	1.1606	1.1351	0.0022	83.61
2	51625061	rs1528817	A	G	4	0.02947	0.4768	0.9275	0.9514	0.0223	68.74
22	33870650	rs9610223	C	T	4	0.05452	0.4769	0.9248	0.9339	0.0042	77.33
2	51626312	rs2698031	A	G	4	0.02834	0.477	0.927	0.9512	0.0213	69.07
12	97094459	rs1354486	A	G	4	0.6219	0.4772	1.0203	0.9303	0.0023	79.36
5	178226479	rs11948690	C	G	4	0.3698	0.4775	0.9521	0.8969	0.0002	84.43
13	84157238	rs9319065	A	G	4	0.7254	0.4776	0.9815	0.9129	0.0022	79.5
2	172379340	rs7586207	A	G	4	0.3226	0.4778	0.9627	0.9309	0.0009	81.81
14	77999119	rs11625200	A	C	4	0.3339	0.478	1.0354	1.06	0.0072	75.12
6	121698543	rs9320809	A	G	4	0.009762	0.4781	0.8886	0.9414	0.0469	62.3
1	199367371	rs11589642	A	G	4	0.3166	0.4782	1.0438	1.078	0.0024	79.15
16	47669016	rs2967255	A	C	4	0.03756	0.4783	0.9284	0.9495	0.0219	68.88
10	110729755	rs10509885	C	T	4	0.03057	0.4784	1.1034	1.0602	0.051	61.39
14	32679948	rs8013167	A	G	4	0.07291	0.4786	1.0725	1.0579	0.0211	69.12

1	51248076	rs3813634	A	G	4	0.08214	0.4788	0.9406	0.9482	0.0135	71.96
8	135092082	rs11990927	A	G	4	0.07679	0.479	1.0633	1.0526	0.0177	70.29
5	178229382	rs11958941	C	T	4	0.3509	0.4791	0.9506	0.8978	0.0002	84.43
16	47674551	rs2908915	C	T	4	0.03697	0.4791	0.929	0.95	0.0202	69.42
6	94860568	rs546226	A	G	4	0.01892	0.4796	0.9198	0.9546	0.0468	62.32
13	39474064	rs12873354	C	T	4	0.4934	0.4797	0.9758	0.9365	0.0011	81.35
6	94860527	rs546100	A	C	4	0.01865	0.4798	1.0874	1.0476	0.0462	62.46
5	104064571	rs17416034	C	T	4	0.07673	0.48	0.9216	0.923	0.0022	79.43
7	52158227	rs2465796	C	T	4	0.04989	0.48	1.071	1.0565	0.0092	73.98
16	47669641	rs2967254	C	T	4	0.03854	0.4802	1.0767	1.0528	0.0225	68.68
5	178257390	rs6895371	C	T	4	0.3312	0.4803	0.9496	0.8994	0.0002	84.43
8	135092194	rs11998140	A	C	4	0.08507	0.4804	0.9415	0.9496	0.0171	70.54
3	113072462	rs1282932	A	C	4	0.9153	0.4811	1.004	0.9369	0.0022	79.41
6	157077339	rs6913743	A	G	4	0.02728	0.4813	0.8432	0.8937	0.0232	68.45
2	115868314	rs17453131	A	G	4	0.8106	0.4818	0.9869	0.9171	0.0063	75.69
11	3638426	rs10834744	A	G	4	0.03919	0.4818	0.9076	0.9422	0.0598	59.54
8	135219115	rs7012406	A	T	4	0.03901	0.4819	0.9306	0.9517	0.0226	68.66
6	52591585	rs9463804	T	A	3	0.04019	0.4823	1.3162	1.2773	0.0051	81.05
8	54356965	rs2376420	A	T	4	0.02255	0.4823	0.8761	0.9134	0.0083	74.46
5	178239194	rs6862829	C	T	4	0.3418	0.4824	0.9507	0.8996	0.0002	84.55
5	178239195	rs6883566	A	G	4	0.3418	0.4824	0.9507	0.8996	0.0002	84.55
5	178253452	rs11954382	C	T	4	0.3353	0.4824	0.9501	0.8997	0.0002	84.49
7	121757354	rs920802	A	G	4	0.01393	0.4824	0.9127	0.9497	0.0267	67.4
16	6838963	rs8054809	C	G	4	0.03317	0.483	1.0848	1.0685	0.0024	79.14
10	36634477	rs4934805	A	G	4	0.4213	0.4831	1.0494	1.1009	0.0061	75.86
11	13470839	rs6254	C	T	4	0.9695	0.4831	1.0014	0.9413	0.0043	77.19
6	20964682	rs4712556	A	G	4	0.7888	0.4833	1.0099	1.0598	0.0081	74.6
11	13531228	rs1903102	A	C	4	0.9535	0.4834	1.0021	1.0611	0.0053	76.41
1	81205753	rs7537835	A	G	4	0.0184	0.4836	1.0888	1.0534	0.0203	69.4
5	178232797	rs6870926	C	T	4	0.348	0.4838	1.0512	1.1113	0.0002	84.55
5	178229129	rs11949892	C	T	4	0.3668	0.4839	1.0503	1.1134	0.0002	84.63
22	23850095	rs5752064	C	T	4	0.6137	0.4839	0.981	0.9423	0.0081	74.58
5	178229142	rs11949180	A	G	4	0.3674	0.484	0.9522	0.8982	0.0002	84.63
6	136516487	rs9494457	A	T	4	0.599	0.4842	1.019	1.0694	0.0007	82.35
10	110724687	rs4314990	C	T	4	0.03152	0.4846	0.9068	0.9439	0.0502	61.56
5	178227589	rs11948175	A	C	4	0.3853	0.4848	0.9536	0.8981	0.0002	84.56
10	110722721	rs11596823	A	G	4	0.03143	0.4849	1.1028	1.0594	0.05	61.61

10	110723326	rs17779320	A	G	4	0.03143	0.4849	1.1028	1.0594	0.05	61.61
4	58802595	rs2553316	C	G	4	0.01156	0.4851	1.1009	1.0605	0.009	74.07
8	12887282	rs13281642	A	T	4	0.002589	0.4853	1.2486	1.117	0.0102	73.45
6	33235965	rs4713614	A	C	4	0.0859	0.4854	0.9401	0.9509	0.0243	68.12
10	110707994	rs17700585	C	T	4	0.03066	0.4854	1.1033	1.0594	0.0495	61.73
10	122674538	rs11199656	C	T	4	0.2791	0.4866	1.1058	1.1627	0.0057	76.12
6	52589637	rs9474257	G	T	3	0.04217	0.4867	1.3127	1.275	0.005	81.16
16	7375088	rs7184072	C	T	4	0.01422	0.4873	1.1595	1.084	0.0365	64.76
3	113073512	rs1282931	A	T	4	0.8927	0.4877	0.995	1.0673	0.0018	80.02
11	13516530	rs11608098	C	T	4	0.9791	0.4879	1.001	1.0606	0.0053	76.39
5	104073920	rs325524	C	G	4	0.08364	0.4881	1.0835	1.0815	0.0024	79.23
5	104081546	rs325538	A	G	4	0.05901	0.4882	0.9158	0.9192	0.0008	81.96
15	89915807	rs7174086	C	G	4	0.3129	0.4883	0.9618	0.937	0.0027	78.85
8	135164118	rs6981423	C	T	4	0.07501	0.4884	1.0641	1.0497	0.0246	68.03
2	51634538	rs2715079	A	G	4	0.02955	0.4887	1.0789	1.0532	0.0131	72.11
3	56421736	rs931461	G	T	4	0.7279	0.4887	0.9874	1.0643	0.0025	79.01
5	104016997	rs6859797	A	C	4	0.06995	0.4888	1.0895	1.0839	0.0021	79.64
10	30332299	rs12779954	A	T	4	0.0674	0.4888	0.9363	0.9521	0.0285	66.9
2	51626897	rs1358578	A	G	4	0.06823	0.4892	1.0658	1.0484	0.0296	66.59
2	51629318	rs2715081	C	T	4	0.03091	0.4893	0.9274	0.9512	0.0177	70.31
5	178229183	rs11958887	C	T	4	0.3783	0.4893	0.9532	0.8991	0.0002	84.7
5	104076454	rs325527	C	T	4	0.07788	0.4894	0.9218	0.9236	0.0018	80.01
8	129318285	rs16902754	A	C	4	0.4142	0.49	1.0725	1.1381	0.0079	74.71
2	172363343	rs6758704	C	T	4	0.3574	0.4902	1.036	1.0723	0.0009	81.9
2	172304324	rs6710698	C	G	4	0.4661	0.4905	1.0286	1.0735	0.0008	82.17
3	29734340	rs17550007	G	T	4	0.5486	0.4907	0.9783	0.9445	0.0069	75.29
6	30245628	rs1018846	A	G	4	0.01707	0.4909	1.1945	1.1142	0.0169	70.62
7	125587676	rs593517	A	C	4	0.06335	0.4911	1.1036	1.0686	0.0488	61.87
3	113072652	rs1913494	A	G	4	0.8748	0.4912	1.0059	0.9376	0.0019	79.89
7	125587627	rs593446	C	T	4	0.06248	0.4912	1.1039	1.0688	0.048	62.06
6	136506453	rs7770469	A	G	4	0.6854	0.4917	1.0149	1.0648	0.002	79.75
2	17289256	rs1983375	C	T	4	0.925	0.4918	0.9954	0.9278	0.0096	73.78
2	29140696	rs10495767	A	G	4	0.06786	0.4921	1.08	1.0548	0.0474	62.18
5	104080504	rs325533	A	G	4	0.08266	0.4923	1.0835	1.0837	0.0015	80.61
5	104073206	rs325522	C	G	4	0.08122	0.4925	1.0838	1.082	0.0018	79.98
14	39252820	rs12147244	A	G	4	0.03142	0.4928	1.1323	1.0731	0.0619	59.12
2	134734676	rs3791261	G	T	4	0.0281	0.4934	1.2171	1.1398	0.0207	69.26

5	62562511	rs347670	C	T	4	0.8218	0.4934	0.9875	0.9086	0.0023	79.31
2	60183809	rs6726368	C	G	4	0.9947	0.4935	1.0003	1.0642	0.0042	77.25
20	39604287	rs2866743	A	G	4	0.1618	0.4936	0.8337	0.805	0.0055	76.27
14	39253036	rs10483520	A	G	4	0.0318	0.4937	1.132	1.0733	0.0604	59.42
10	30332480	rs12780390	C	T	4	0.07301	0.4938	0.9376	0.9521	0.0255	67.76
10	32470365	rs2998089	G	T	4	0.04543	0.4941	0.8241	0.8814	0.0359	64.9
5	104092841	rs161785	A	C	4	0.09343	0.4946	0.9249	0.9229	0.0015	80.59
2	172443575	rs6724337	C	T	4	0.3491	0.4949	0.9647	0.9333	0.0009	81.87
2	113545707	rs4849147	A	T	4	0.02824	0.4952	1.0899	1.0605	0.0103	73.38
10	110687487	rs11592721	A	G	4	0.03214	0.4954	0.9	0.9393	0.042	63.44
4	92549226	rs4301075	A	T	4	0.5463	0.4955	0.9768	0.9408	0.0066	75.5
4	92515582	rs1554850	A	C	4	0.699	0.496	1.0163	1.0697	0.0043	77.23
5	104072799	rs12514766	A	T	4	0.08353	0.496	1.0831	1.0813	0.0018	80.02
3	56416017	rs9817231	A	T	4	0.6972	0.4966	1.014	0.941	0.002	79.7
5	104076769	rs106451	A	C	4	0.0824	0.4966	1.0835	1.082	0.0016	80.35
15	52090751	rs1897042	A	T	4	0.8712	0.4966	0.9939	1.0656	0.0024	79.14
6	116136871	rs9374567	T	C	3	0.01385	0.4968	1.1585	1.1286	0.0021	83.82
5	104093326	rs161787	C	T	4	0.09532	0.4975	0.9254	0.9232	0.0014	80.69
1	48880413	rs12058997	C	T	4	0.7262	0.4978	1.0222	1.0985	0.0082	74.55
7	125586751	rs473762	A	T	4	0.06362	0.4981	1.1034	1.0677	0.0475	62.16
8	135092624	rs1379440	C	T	4	0.08813	0.4985	1.0615	1.0521	0.0135	71.96
21	16544957	rs238946	A	G	4	0.09625	0.4985	0.9396	0.9338	0.0006	82.82
20	55497673	rs6099656	C	T	4	0.05536	0.4988	0.9318	0.9527	0.0317	66.02
2	172371640	rs6754817	C	T	4	0.3797	0.4994	0.9668	0.9332	0.0007	82.32
5	104074988	rs325526	A	G	4	0.0833	0.4995	0.9232	0.9248	0.0016	80.3
9	82311365	rs11138705	C	G	4	0.01825	0.4995	0.9042	0.9472	0.0432	63.15
2	172398426	rs908670	C	T	4	0.3378	0.4997	1.0375	1.0718	0.0007	82.49
6	52612989	rs1884456	A	G	3	0.05879	0.4998	1.2863	1.2695	0.0042	81.75
2	51632112	rs11563162	A	G	4	0.03248	0.5003	1.082	1.0524	0.0178	70.27
8	135192071	rs1124525	A	G	4	0.02454	0.5003	0.9246	0.9493	0.0094	73.89
5	104095776	rs161788	C	T	4	0.09764	0.5004	1.0801	1.0828	0.0014	80.77
11	13530401	rs10500784	A	C	4	0.9935	0.5006	1.0003	0.9447	0.0052	76.47
2	172358072	rs10167419	A	G	4	0.3818	0.5007	0.967	0.9336	0.0007	82.24
21	17228121	rs2824148	A	G	4	0.007378	0.5011	1.1099	1.0529	0.0301	66.43
2	51622700	rs1997326	G	T	4	0.06504	0.5015	0.936	0.9522	0.0211	69.13
4	92549378	rs7672281	A	C	4	0.5452	0.5016	0.9767	0.9413	0.0063	75.68
7	44215353	rs2908282	A	G	4	0.04651	0.5018	1.0956	1.0567	0.0614	59.21

2	172355011	rs7608403	A	C	4	0.3858	0.502	0.9673	0.9335	0.0007	82.4
11	86021251	rs2155035	A	G	4	0.5056	0.503	1.0426	1.0949	0.0105	73.3
11	86018768	rs10898515	C	T	4	0.5012	0.5031	0.9586	0.913	0.0104	73.36
5	104090924	rs161456	C	T	4	0.09919	0.5032	0.9262	0.9238	0.0013	80.89
5	104091863	rs161783	C	T	4	0.09919	0.5032	0.9262	0.9238	0.0013	80.89
7	52238030	rs10250470	A	G	4	0.03225	0.5032	0.9226	0.9542	0.0449	62.76
5	104093239	rs161786	C	T	4	0.09962	0.5034	1.0796	1.0824	0.0013	80.87
8	135216479	rs992526	C	T	4	0.02154	0.5034	0.9242	0.9499	0.0085	74.34
2	172412537	rs4668414	A	C	4	0.3717	0.504	0.9663	0.9342	0.0008	82.15
5	104090937	rs161457	C	T	4	0.09995	0.5041	1.0795	1.0822	0.0013	80.86
5	104091358	rs161782	A	G	4	0.09995	0.5041	1.0795	1.0822	0.0013	80.86
2	134734535	rs3791259	C	T	4	0.0218	0.5042	0.818	0.8752	0.0133	72.05
10	110717700	rs17779136	C	T	4	0.03347	0.5048	0.9079	0.946	0.0468	62.31
13	89055707	rs7994475	A	G	4	0.504	0.5052	1.0853	1.2112	0.0022	79.45
3	56416159	rs11130520	G	T	4	0.6658	0.5055	0.9847	1.0618	0.0018	79.98
3	56418235	rs6445788	C	G	4	0.6029	0.5055	0.9813	1.0631	0.0017	80.19
7	125587892	rs526981	C	T	4	0.06741	0.5056	1.1019	1.0667	0.046	62.5
15	91523799	rs17539990	C	G	3	0.7869	0.5056	0.9861	0.8982	0.0019	84.11
21	40141997	rs2837249	A	G	4	0.08568	0.5057	1.0675	1.0528	0.0211	69.12
4	57460303	rs4865165	C	T	4	0.0525	0.5059	1.0694	1.0454	0.0335	65.53
2	172398511	rs908671	C	G	4	0.3498	0.5061	0.9647	0.9335	0.0006	82.75
3	56415469	rs6763636	G	T	4	0.6638	0.5063	0.9846	1.0615	0.0019	79.88
5	104087924	rs325565	G	T	4	0.09119	0.5063	1.0812	1.082	0.0012	81.14
1	48878877	rs7535727	G	T	4	0.7618	0.5068	0.9813	0.912	0.0077	74.8
6	136507734	rs1600620	A	T	4	0.7212	0.5068	0.9874	0.9391	0.0008	82.05
4	92557826	rs2091765	A	G	4	0.587	0.5073	0.9789	0.9418	0.0062	75.73
6	136507868	rs1600619	A	T	4	0.7101	0.5074	1.0133	1.0652	0.0007	82.31
8	135205190	rs765847	A	G	4	0.0258	0.5074	1.0808	1.0527	0.0088	74.2
12	97093097	rs1504558	C	G	4	0.3765	0.5075	0.9665	1.0708	0.0008	81.97
2	172417165	rs3770445	C	T	4	0.3518	0.5076	1.0364	1.0706	0.0006	82.54
14	78012231	rs10431730	A	G	4	0.3828	0.5078	0.9688	0.9454	0.0055	76.28
4	21477856	rs2063658	A	T	4	0.7696	0.5085	0.9896	0.9375	0.0005	83.1
7	9678156	rs6973468	G	T	4	0.05025	0.5086	1.0927	1.0663	0.0131	72.1
14	78016834	rs1990531	A	G	4	0.4251	0.5087	1.0291	1.0591	0.0036	77.86
21	40139786	rs9982859	C	T	4	0.08585	0.5088	1.0674	1.0521	0.0218	68.9
8	12906017	rs13252623	G	T	4	0.0034	0.5089	1.2447	1.1134	0.0087	74.26
4	171427766	rs2030549	A	T	4	0.02425	0.509	0.7818	0.862	0.0277	67.11

1	65081975	rs4916005	C	T	4	0.07889	0.5093	0.913	0.926	0.007	75.25
1	51252846	rs7555006	A	G	4	0.04457	0.5094	1.0769	1.0535	0.012	72.58
5	104119377	rs161776	C	G	4	0.1032	0.5097	1.0795	1.081	0.0016	80.34
8	12897996	rs12375378	A	C	4	0.003632	0.5097	1.24	1.1108	0.0099	73.6
10	32469248	rs3006662	A	C	4	0.04317	0.5098	1.2164	1.1301	0.0349	65.17
5	104118535	rs325492	C	T	4	0.1029	0.5099	0.9263	0.9251	0.0016	80.35
5	104077349	rs325530	G	T	4	0.09045	0.5103	0.9248	0.9255	0.0013	80.9
5	104077611	rs325531	A	G	4	0.09045	0.5103	0.9248	0.9255	0.0013	80.9
5	104077750	rs325532	C	T	4	0.09082	0.5105	1.0812	1.0804	0.0013	80.88
6	136506228	rs7748159	G	T	4	0.7251	0.5107	1.0126	1.0643	0.0008	82.06
21	37142961	rs17192962	A	G	4	0.793	0.5109	0.9776	0.8804	0.0071	75.2
2	115870472	rs13022199	A	G	4	0.8574	0.511	1.0099	1.0839	0.0061	75.81
2	184952504	rs13036001	C	T	4	0.05351	0.5114	1.0946	1.057	0.0508	61.44
6	136508312	rs12662330	A	C	4	0.7267	0.5116	0.9876	0.9392	0.0007	82.41
2	51618222	rs3915321	C	T	4	0.06664	0.5124	0.9343	0.95	0.014	71.75
5	104119936	rs161777	C	T	4	0.1052	0.5126	1.079	1.0806	0.0016	80.44
2	51618920	rs2354378	C	T	4	0.0688	0.513	0.9348	0.9503	0.0146	71.48
6	136507265	rs4896199	A	C	4	0.7354	0.5131	0.988	0.94	0.0008	82
4	57460809	rs9998008	A	G	4	0.05501	0.5132	1.0687	1.0448	0.0323	65.84
2	51618512	rs3915322	A	G	4	0.06824	0.5133	1.0699	1.0524	0.0144	71.56
3	56416835	rs9880091	C	T	4	0.6173	0.5133	0.9821	1.061	0.0021	79.63
7	52237378	rs11238186	A	C	4	0.03263	0.5134	1.0837	1.0468	0.0446	62.82
5	104089373	rs325569	A	T	4	0.09607	0.514	0.926	0.9249	0.001	81.46
5	104077128	rs325529	C	T	4	0.09298	0.5141	1.0806	1.0799	0.0013	80.97
4	58794368	rs2570089	C	T	4	0.009541	0.5147	1.1049	1.0591	0.0063	75.72
5	104088490	rs325567	C	T	4	0.09664	0.5152	0.9261	0.9252	0.0011	81.43
12	51736002	rs2364153	C	T	4	0.1417	0.5152	0.9476	0.9384	0.0017	80.15
6	30235852	rs1318638	C	T	4	0.01902	0.5153	0.8402	0.9024	0.0155	71.15
10	110714051	rs17779016	A	G	4	0.03809	0.5154	1.0989	1.0555	0.0477	62.11
13	89054175	rs9634611	G	T	4	0.5206	0.5156	0.9241	0.8282	0.002	79.7
1	66960695	rs11208951	C	T	4	0.07328	0.5157	0.9346	0.9548	0.0386	64.25
8	54357042	rs2376419	A	G	4	0.02546	0.5159	0.8784	0.9191	0.0077	74.78
6	54711017	rs4715472	A	G	4	0.08098	0.5162	0.9076	0.9337	0.0352	65.1
3	151314149	rs9844449	C	T	4	0.7087	0.5163	0.9823	1.0776	0.004	77.51
21	40136888	rs2837246	C	T	4	0.08425	0.5165	1.0677	1.0521	0.0186	69.98
10	36637209	rs12571128	A	G	4	0.4784	0.5169	0.9583	0.9139	0.0056	76.19
6	121702869	rs9398632	A	C	4	0.01233	0.517	0.8919	0.9457	0.0431	63.16

21	37142296	rs8134687	C	T	4	0.806	0.5172	1.0213	1.1329	0.0072	75.12
5	104115918	rs17351308	A	G	4	0.1098	0.5174	1.0779	1.08	0.0014	80.66
9	7514847	rs10124892	C	T	4	0.07871	0.5175	1.0635	1.046	0.028	67.02
5	104086941	rs325563	A	G	4	0.09876	0.5177	1.0793	1.0806	0.001	81.53
4	65093689	rs4434285	A	T	4	0.03962	0.5181	0.9124	0.9451	0.0304	66.35
5	104087577	rs325564	C	G	4	0.09858	0.5181	0.9265	0.9255	0.001	81.53
5	104015822	rs12522864	A	G	4	0.09572	0.5184	0.9264	0.9306	0.0026	78.94
5	104090901	rs12520736	C	T	4	0.1103	0.5184	1.0771	1.0804	0.0011	81.35
13	89086817	rs9560407	A	G	4	0.4743	0.5184	0.916	0.8269	0.0016	80.39
13	72776677	rs9318155	A	C	4	0.01838	0.5185	1.0877	1.0456	0.0325	65.79
9	2690620	rs1454629	C	T	4	0.7239	0.5191	1.0137	1.0576	0.0078	74.77
2	172397314	rs6759575	C	T	4	0.3171	0.5193	0.9612	0.935	0.0008	82.13
21	37142992	rs2835491	G	T	4	0.821	0.5196	1.0197	1.1334	0.0068	75.37
13	89050456	rs12561049	A	G	4	0.5325	0.5197	1.08	1.2057	0.002	79.67
6	136507126	rs4896198	C	T	4	0.7614	0.5198	1.0109	1.0631	0.0008	82.2
7	49031338	rs10258925	A	G	4	0.5669	0.5202	1.0241	1.0655	0.0036	77.82
1	51249676	rs12092511	A	G	4	0.09512	0.5203	0.9429	0.9523	0.0122	72.52
8	135087684	rs1379435	C	T	4	0.1041	0.5204	1.0585	1.0495	0.013	72.16
3	56410015	rs9851360	C	T	4	0.6172	0.5206	1.0179	0.9435	0.0016	80.32
6	30236421	rs12212092	C	T	4	0.01963	0.5207	0.841	0.9033	0.0151	71.29
19	61182755	rs11084419	C	T	4	0.9227	0.5207	1.0046	1.0854	0.0011	81.41
3	176307233	rs4894477	A	G	4	0.6722	0.5211	1.0158	1.0587	0.0032	78.21
10	124863434	rs17104653	C	G	4	0.07622	0.5212	1.1726	1.1235	0.0191	69.83
6	124523218	rs802272	C	T	4	0.0142	0.5213	1.1392	1.066	0.036	64.9
2	38369932	rs13417898	C	T	4	0.4222	0.522	0.9712	0.9466	0.0047	76.85
3	56410435	rs1546060	A	C	4	0.5947	0.5224	1.0191	0.9436	0.0016	80.36
3	56411201	rs1491158	A	G	4	0.6284	0.523	0.9829	1.0593	0.0017	80.15
3	56412896	rs11130518	C	T	4	0.6216	0.5239	0.9826	1.0591	0.0018	80.07
8	54357197	rs4565474	A	G	4	0.0252	0.524	1.138	1.0866	0.0071	75.17
2	197778099	rs2712900	C	T	4	0.1318	0.5241	0.8623	0.8553	0.0033	78.15
12	87460779	rs1492348	A	G	3	0.003257	0.5248	0.7368	0.8641	0.0426	68.31
18	20409134	rs12960420	C	T	4	0.6867	0.5255	0.9851	1.0621	0.0017	80.24
3	56410482	rs1546061	C	G	4	0.6184	0.5258	0.9824	1.0586	0.0019	79.91
13	89081759	rs994066	C	G	4	0.5296	0.5261	1.0792	1.2041	0.0015	80.61
3	56414093	rs6805882	C	T	4	0.6067	0.5267	0.9818	1.059	0.0016	80.29
6	136513400	rs1471545	C	T	4	0.7607	0.5277	1.0108	1.0621	0.0006	82.65
2	51625919	rs13001767	G	T	4	0.03305	0.5281	0.9277	0.9533	0.0123	72.45

5	104014181	rs1120480	C	T	4	0.06883	0.5284	0.9173	0.9317	0.0034	78.01
4	72354222	rs1840086	A	G	4	0.4404	0.5291	1.0396	1.0813	0.0024	79.13
15	58974308	rs729978	C	T	4	0.06926	0.5291	0.9307	0.9315	0.0002	84.55
6	52599645	rs9474262	C	T	3	0.0521	0.5296	1.2948	1.2618	0.0023	83.49
11	118009952	rs633683	C	T	4	0.04916	0.5296	0.9313	0.9576	0.0357	64.95
6	136514132	rs4896201	A	G	4	0.753	0.5297	1.0112	1.0596	0.0011	81.3
21	25543181	rs17000817	C	T	4	0.1782	0.5299	1.1533	1.1775	0.0034	78.03
3	29736947	rs6779932	G	T	4	0.6518	0.5301	0.9837	0.9493	0.0069	75.29
8	54357083	rs2376418	A	T	4	0.02567	0.5305	1.1382	1.0857	0.007	75.26
21	32930403	rs2833927	C	T	4	0.06114	0.5305	1.2009	1.1209	0.0409	63.68
21	40136828	rs12627540	A	C	4	0.09168	0.5305	1.0662	1.0508	0.0174	70.43
6	136514189	rs4896202	G	T	4	0.7422	0.5306	1.0117	1.0621	0.0005	82.9
10	110624642	rs10884688	A	G	4	0.05251	0.5308	1.0922	1.0529	0.0516	61.26
4	15282435	rs11723554	C	G	4	0.05504	0.531	0.8926	0.9178	0.0056	76.21
1	48006804	rs12038866	C	G	4	0.1297	0.5312	1.0559	1.054	0.005	76.62
4	58784187	rs2570071	G	T	4	0.01116	0.5312	1.1026	1.0573	0.0056	76.2
5	104007471	rs11242529	C	T	4	0.1015	0.5313	1.0781	1.0724	0.0025	78.99
6	52600553	rs9474264	A	T	3	0.06528	0.5314	1.2808	1.2518	0.0037	82.17
4	92541356	rs12648320	A	C	4	0.7346	0.5315	1.0131	1.0591	0.0044	77.16
8	54411642	rs7819906	C	T	4	0.02535	0.5316	1.1333	1.086	0.0046	76.93
7	48944124	rs2215361	A	G	4	0.4917	0.5322	0.9728	0.9429	0.0046	76.98
2	51620902	rs11680441	A	G	4	0.08158	0.5325	1.0665	1.0498	0.0142	71.64
8	14903851	rs7005262	A	G	4	0.07418	0.5331	1.065	1.0422	0.0408	63.71
18	20409016	rs12185417	A	C	4	0.6647	0.5334	1.0166	0.9406	0.0012	81.03
5	104101159	rs161791	G	T	4	0.1015	0.5335	1.0793	1.0767	0.0013	80.85
7	124677258	rs7776954	A	G	4	0.5748	0.5342	0.9767	0.9414	0.0051	76.52
8	97177903	rs542253	A	G	4	0.9111	0.5344	1.0093	1.1521	0.0003	83.96
7	125578124	rs635680	C	G	4	0.06836	0.5351	0.9078	0.9393	0.0348	65.19
15	58974360	rs729977	C	T	4	0.07185	0.5352	1.0732	1.0716	0.0002	84.38
11	86016483	rs12289252	G	T	4	0.6048	0.5356	0.9682	0.9193	0.0098	73.65
21	17230025	rs11701807	C	T	4	0.006057	0.536	1.1178	1.0524	0.0225	68.69
4	13322444	rs13147974	C	G	4	0.4047	0.5371	1.0307	1.0553	0.0037	77.76
13	39493139	rs9603660	C	T	4	0.5818	0.5373	0.9807	0.9506	0.0053	76.43
8	135087435	rs2896732	A	C	4	0.1078	0.5374	1.0579	1.0473	0.0134	71.97
4	15281298	rs10516289	C	T	4	0.05966	0.538	0.8945	0.9188	0.0053	76.42
1	48870913	rs7516699	A	G	4	0.85	0.5384	0.9883	0.9176	0.0071	75.15
5	104001831	rs12514247	C	T	4	0.1122	0.5385	1.0752	1.0713	0.0023	79.29

7	125583266	rs489655	A	G	4	0.07256	0.5385	1.1001	1.0636	0.0374	64.55
5	104004713	rs17156764	A	C	4	0.1063	0.539	1.0769	1.0713	0.0024	79.17
11	115308412	rs369845	C	T	4	0.04522	0.5392	1.0805	1.0526	0.0126	72.32
5	104100998	rs161790	C	T	4	0.1061	0.5394	0.9275	0.9294	0.0012	81.03
5	40304970	rs11950581	A	G	4	0.008013	0.5399	0.9035	0.9529	0.0191	69.82
5	104090005	rs325571	A	G	4	0.09158	0.5407	1.0821	1.0773	0.0009	81.73
6	26816186	rs12195114	A	G	4	0.8865	0.5409	0.9944	0.9453	0.0049	76.73
21	17229575	rs2824149	C	T	4	0.01063	0.5413	0.9053	0.9538	0.0279	67.07
5	62568648	rs346423	G	A	3	0.3978	0.5416	0.9405	0.8603	0.001	85.5
3	176309283	rs11710345	A	G	4	0.66	0.5419	1.0155	1.0594	0.0006	82.75
7	125577694	rs498875	C	T	4	0.06896	0.5419	0.908	0.9398	0.0327	65.74
8	4081661	rs17069679	A	G	4	0.3611	0.5419	1.0835	1.1572	0.0003	83.82
6	26817570	rs9467847	C	T	4	0.8887	0.5421	1.0055	1.0576	0.005	76.66
13	39454803	rs7322623	A	C	4	0.7321	0.543	1.0126	1.0587	0.0012	81.09
6	51918458	rs12194995	C	T	4	0.05488	0.5437	0.9195	0.9484	0.0233	68.42
12	87293154	rs10777110	A	G	4	0.08702	0.5437	1.1173	1.0938	0.0062	75.77
6	136513493	rs1471546	C	T	4	0.839	0.5438	1.0071	1.0598	0.0005	82.9
3	144997632	rs6807571	A	G	4	0.001419	0.5439	1.1654	1.0651	0.0134	71.97
2	210413152	rs10178431	G	T	4	0.001927	0.5442	0.8436	0.9284	0.0094	73.86
13	89090502	rs9555925	C	T	4	0.5543	0.5444	1.0746	1.1974	0.0012	81.05
2	150391583	rs9288698	T	G	3	0.4458	0.5446	1.0401	1.0997	0.0021	83.79
2	51622443	rs2950945	A	G	4	0.08896	0.5451	1.0619	1.0442	0.0223	68.75
7	125579026	rs650045	A	G	4	0.07174	0.5453	0.9089	0.9404	0.0332	65.6
5	73287077	rs283616	C	G	4	0.02024	0.546	0.9202	0.9408	0.0003	83.84
7	49098405	rs7796330	C	T	4	0.5921	0.546	0.9777	0.9404	0.0031	78.35
2	51617864	rs17864534	C	T	4	0.09255	0.5463	1.0633	1.0469	0.0169	70.6
5	73286248	rs283612	C	T	4	0.01848	0.5463	0.9191	0.9407	0.0003	83.92
7	49039292	rs12718319	C	T	4	0.5573	0.5463	0.9759	0.9433	0.0047	76.85
18	20409841	rs1945153	A	G	4	0.6138	0.5463	0.9813	1.06	0.0013	80.94
7	125580265	rs475294	C	T	4	0.07398	0.5467	1.0995	1.0628	0.0344	65.31
7	125580852	rs501483	A	G	4	0.07398	0.5467	1.0995	1.0628	0.0344	65.31
7	125581531	rs507803	C	T	4	0.07499	0.5467	1.0991	1.0627	0.035	65.14
7	125581817	rs613484	A	G	4	0.076	0.5467	1.0987	1.0625	0.0357	64.97
7	125584379	rs520807	C	T	4	0.08018	0.5468	1.0973	1.0619	0.0384	64.29
7	125581262	rs505793	C	T	4	0.0737	0.547	0.9095	0.9409	0.0341	65.37
3	176311011	rs4505709	A	G	4	0.6562	0.5475	1.0158	1.0591	0.0005	82.96
9	123780890	rs13299260	C	T	4	0.2995	0.5475	1.0372	1.0589	0.0006	82.73

2	38366026	rs875653	C	T	4	0.7083	0.5479	0.9826	1.0761	0.0014	80.64
8	97181208	rs546474	A	G	4	0.9086	0.5485	0.9906	0.8728	0.0003	84.04
7	125579381	rs556478	C	T	4	0.07461	0.5487	0.9097	0.9411	0.0338	65.46
5	73286880	rs283615	A	T	4	0.02044	0.549	0.9203	0.9411	0.0003	83.9
12	87291483	rs10745479	A	G	4	0.09075	0.5497	0.8962	0.9152	0.006	75.89
15	58975113	rs12592999	A	G	4	0.07648	0.5499	0.932	0.9348	0.0002	84.39
7	125579136	rs553952	C	T	4	0.07417	0.55	1.0994	1.0626	0.0332	65.61
3	176306452	rs17588879	A	T	4	0.6973	0.5501	1.0138	1.0605	0.0003	84.04
1	66953077	rs1498354	A	T	4	0.08682	0.5502	1.0668	1.0441	0.0348	65.19
7	125584083	rs518066	C	T	4	0.07931	0.5502	1.0976	1.0618	0.0364	64.78
1	107983470	rs6693140	C	T	4	0.8015	0.5503	1.011	1.0705	0.001	81.65
15	86265806	rs1836592	A	T	4	0.008642	0.5504	0.8895	0.9435	0.0094	73.87
7	125583763	rs515267	G	T	4	0.07841	0.5505	0.9108	0.9417	0.0358	64.94
10	110614661	rs11599840	A	G	4	0.05881	0.5506	0.9172	0.9516	0.0485	61.94
2	172434227	rs12692978	C	T	4	0.328	0.5507	0.9619	0.9379	0.0006	82.79
3	176306392	rs17588796	A	G	4	0.6986	0.5507	1.0137	1.0604	0.0003	84
3	176310488	rs6782155	A	G	4	0.6712	0.5508	1.0149	1.0582	0.0005	82.92
6	26812951	rs12202849	A	G	4	0.92	0.5509	1.0039	1.0564	0.0049	76.67
12	87297081	rs4842604	C	T	4	0.1046	0.551	1.1126	1.0945	0.0051	76.57
10	110617893	rs11194286	C	T	4	0.05938	0.5515	1.09	1.0507	0.0488	61.87
10	110618205	rs10884687	A	T	4	0.05938	0.5515	1.09	1.0507	0.0488	61.87
2	197777124	rs2579408	A	G	4	0.1663	0.5522	1.1457	1.1606	0.0025	79.07
4	72303517	rs4521314	A	C	3	0.116	0.5522	1.1153	1.1773	0	90.16
13	75986324	rs283982	C	T	4	0.04785	0.5523	1.0898	1.0508	0.0329	65.69
12	89248606	rs825959	C	T	4	0.01012	0.5529	1.0985	1.0463	0.0163	70.81
3	176305423	rs936474	A	G	4	0.7222	0.5531	0.9877	0.944	0.0003	83.78
6	73415061	rs17749408	A	G	4	0.06763	0.5541	1.0847	1.0515	0.0354	65.04
5	73287272	rs283618	A	T	4	0.02274	0.5543	0.9216	0.9418	0.0003	83.97
4	58828037	rs13105776	C	T	4	0.02417	0.5549	1.1025	1.0556	0.0141	71.69
10	110615683	rs12249791	C	T	4	0.06001	0.555	0.9176	0.952	0.0478	62.09
11	109527878	rs1675981	G	T	3	0.6625	0.5551	1.0182	0.9234	0.0001	89.02
11	44189011	rs4755234	C	T	4	0.958	0.5555	0.9981	0.9489	0.0024	79.22
1	66950593	rs10889649	A	G	4	0.08885	0.5556	1.0663	1.0436	0.0339	65.43
2	51622416	rs7592062	A	G	4	0.09364	0.5557	1.061	1.0434	0.0209	69.21
8	109516004	rs10089406	C	T	4	0.1131	0.556	0.942	0.9527	0.0103	73.4
20	47357021	rs11907908	C	T	4	0.01628	0.556	0.8412	0.9143	0.0156	71.09
2	38459723	rs3806551	C	G	4	0.5022	0.5567	0.9761	0.9471	0.0015	80.56

12	87296649	rs2111038	C	T	4	0.1088	0.5569	1.1112	1.0933	0.0049	76.7
11	44191829	rs1532353	C	T	4	0.9617	0.557	1.0017	1.0537	0.0024	79.24
3	176309927	rs6797428	A	G	4	0.6976	0.5575	1.0137	1.0571	0.0006	82.88
3	176309960	rs6797510	A	G	4	0.6976	0.5575	1.0137	1.0571	0.0006	82.88
6	73415342	rs17749420	C	G	4	0.07006	0.5581	1.084	1.051	0.0353	65.08
1	152592990	rs6688376	C	T	4	0.8582	0.5585	0.993	0.9483	0.0065	75.58
4	58818055	rs11133552	A	G	4	0.01377	0.5588	1.0993	1.0538	0.005	76.64
8	54427066	rs11995645	C	T	4	0.02946	0.5588	1.1316	1.0816	0.0043	77.24
11	109528270	rs667625	G	T	3	0.6515	0.5588	1.0189	0.9243	0.0001	88.97
2	107791059	rs17021776	C	T	3	0.006494	0.5593	0.7643	0.8625	0.012	77.39
18	20402971	rs9304466	C	G	4	0.5629	0.5596	0.9786	1.0584	0.0012	81.16
6	121495669	rs9401370	A	T	4	0.01804	0.5605	0.8998	0.9499	0.0286	66.86
14	32679185	rs7155495	C	T	4	0.08983	0.5606	0.9394	0.9595	0.0336	65.5
4	21478058	rs2063657	A	G	4	0.8266	0.5607	0.9923	0.9462	0.0006	82.72
18	20407884	rs4800186	A	T	4	0.5541	0.5608	0.9781	1.0585	0.0011	81.36
8	54427119	rs11985025	A	T	4	0.03001	0.561	1.1311	1.0812	0.0042	77.3
6	29908080	rs2517897	A	C	4	0.08385	0.5616	0.9154	0.9402	0.017	70.55
12	97086002	rs1160327	A	G	4	0.5884	0.5616	1.0197	0.9506	0.0036	77.87
10	110625352	rs12250102	C	T	4	0.05856	0.5622	1.0904	1.0497	0.0466	62.37
2	134735206	rs3791266	C	G	4	0.02751	0.5628	0.8214	0.8876	0.0112	72.98
4	21478155	rs2063656	A	C	4	0.8318	0.5629	1.0075	1.0567	0.0006	82.81
12	87295390	rs2407649	C	T	4	0.103	0.5629	0.8993	0.9164	0.005	76.65
7	44212378	rs917793	A	T	4	0.06223	0.563	0.9181	0.9522	0.0488	61.88
6	121498592	rs9375002	A	C	4	0.01857	0.5631	1.1108	1.0524	0.0286	66.86
7	49076176	rs11762613	A	C	4	0.6066	0.5634	1.0217	1.0604	0.0026	78.93
15	58977303	rs17237465	C	T	4	0.08034	0.5634	0.9348	0.9387	0.0003	84.32
7	125571034	rs648172	A	T	4	0.07506	0.5635	0.9099	0.942	0.0284	66.91
5	98306052	rs327807	A	G	4	0.6526	0.5636	1.0169	1.0525	0.0041	77.35
18	20402119	rs4800580	A	G	4	0.5455	0.5637	1.0228	0.9451	0.0011	81.4
11	44205402	rs4755236	C	G	4	0.9494	0.5641	0.9977	0.9494	0.0017	80.12
1	202827613	rs4951409	A	T	4	0.08928	0.5647	0.9387	0.9593	0.0334	65.55
2	38396077	rs12712583	C	T	4	0.4644	0.565	0.9744	0.9492	0.0016	80.39
6	124526687	rs811418	A	C	4	0.01381	0.5653	0.873	0.941	0.0282	66.98
13	39500347	rs9603665	C	T	4	0.6784	0.5654	0.9853	0.9535	0.0052	76.5
7	49051370	rs4129516	C	T	4	0.5771	0.5655	1.0236	1.062	0.0017	80.15
18	20403739	rs9950310	C	T	4	0.5435	0.5658	1.023	0.9455	0.0011	81.31
18	20403162	rs9304467	A	G	4	0.543	0.5663	1.023	0.9456	0.0011	81.3

1	66948145	rs1547644	A	G	4	0.09539	0.5665	0.939	0.9592	0.0333	65.58
14	32677988	rs8011345	A	G	4	0.086	0.5665	0.9387	0.9594	0.0293	66.65
2	38464515	rs10182455	A	G	4	0.532	0.5668	0.9779	0.9482	0.0013	81
2	38374562	rs3755025	C	T	4	0.4219	0.568	0.9717	0.9524	0.004	77.49
7	6384803	rs2347338	C	T	4	0.9895	0.5682	1.0013	0.8639	0.0005	83.28
11	125258570	rs540225	C	T	4	0.6935	0.5691	1.0149	1.0534	0.0031	78.4
20	14862709	rs2423853	A	T	4	0.4278	0.5692	0.9724	0.9484	0.001	81.66
6	83338480	rs9449500	G	T	4	0.8035	0.57	1.0263	1.158	0.0012	81.13
4	71149965	rs6811318	C	T	4	0.1308	0.5701	1.0795	1.0675	0.0074	74.98
15	89929416	rs12324460	C	T	4	0.8304	0.5704	1.0114	0.9321	0.0055	76.28
5	98947056	rs17167077	C	T	4	0.07725	0.5712	0.8677	0.9164	0.0318	65.99
3	144993002	rs16854336	C	T	4	0.001002	0.5715	0.854	0.9416	0.0106	73.28
4	71147532	rs3775747	C	T	4	0.09973	0.5727	0.9158	0.9295	0.003	78.46
2	38374360	rs4670861	C	T	4	0.4356	0.573	0.9725	0.953	0.004	77.49
15	58976901	rs3803487	A	G	4	0.09012	0.5733	0.9367	0.9401	0.0002	84.38
20	47387176	rs7261606	C	T	4	0.07729	0.5737	0.8895	0.9306	0.0353	65.07
5	62564201	rs164105	A	G	4	0.6854	0.5742	0.9783	0.9262	0.0023	79.28
7	125574072	rs585146	C	T	4	0.08045	0.5744	1.0972	1.06	0.0278	67.09
10	110512008	rs7091393	C	T	4	0.04526	0.5747	1.1015	1.0527	0.0339	65.43
4	58821899	rs2412885	C	T	4	0.01584	0.5748	0.9114	0.9506	0.0045	77.05
12	87265181	rs10745477	G	T	4	0.1015	0.5749	0.8985	0.9214	0.0076	74.89
12	87296520	rs2160432	C	T	4	0.1102	0.5753	0.9012	0.9181	0.0044	77.15
7	44202193	rs4607517	A	G	4	0.06267	0.5762	1.0891	1.049	0.0454	62.65
12	9920781	rs7313246	A	T	4	0.4903	0.5764	0.9735	1.0619	0.0004	83.38
3	176312988	rs7646135	A	T	4	0.7031	0.5769	1.0135	1.0554	0.0005	83.26
1	202834775	rs6594018	A	G	4	0.09614	0.577	1.064	1.0407	0.0353	65.07
16	7338030	rs13330100	C	T	4	0.01691	0.5771	0.8791	0.9409	0.0255	67.75
3	117048396	rs2972481	A	G	4	0.03193	0.5772	1.1577	1.0765	0.0346	65.24
12	32214624	rs10506083	A	G	4	0.007623	0.5775	1.1017	1.0486	0.0042	77.28
5	62549494	rs346405	A	C	4	0.6915	0.5779	1.0215	1.0788	0.0021	79.6
5	62564968	rs346420	G	T	4	0.6705	0.5779	0.9771	0.926	0.0021	79.54
2	38397553	rs1022076	C	T	4	0.4847	0.5784	1.025	1.0519	0.0015	80.61
8	109508139	rs6469185	A	T	4	0.1726	0.579	1.0506	1.0485	0.0045	77.05
5	62565739	rs346421	G	T	4	0.6682	0.5791	1.0238	1.0798	0.0022	79.45
13	39493988	rs4943722	A	G	4	0.6855	0.5792	1.0146	1.0476	0.0044	77.12
8	2652265	rs12542624	A	G	4	0.03435	0.5793	1.0903	1.0493	0.0151	71.29
8	135176557	rs7830450	C	T	4	0.03233	0.5795	0.928	0.955	0.004	77.51

7	147248774	rs7805492	C	T	4	0.3721	0.58	1.0359	1.0572	0.0016	80.38
10	110644569	rs17778423	C	G	4	0.05227	0.5805	1.0922	1.048	0.0407	63.74
10	110644600	rs17700240	A	G	4	0.05227	0.5805	1.0922	1.048	0.0407	63.74
7	147248819	rs7805515	C	T	4	0.3727	0.5806	1.0358	1.057	0.0016	80.34
4	71150032	rs6811366	C	T	4	0.1386	0.5808	1.0778	1.0661	0.0067	75.41
3	176306423	rs9290531	A	G	4	0.9329	0.5813	0.9971	1.056	0.0002	84.4
11	13480447	rs10832047	A	T	4	0.9228	0.5817	1.0036	0.9544	0.0061	75.83
20	47349857	rs761498	C	T	4	0.01777	0.5821	0.8443	0.9183	0.0123	72.45
12	87270942	rs10745478	G	T	4	0.1307	0.5823	0.9046	0.9181	0.004	77.48
7	44198411	rs6975024	C	T	4	0.06432	0.5827	1.0885	1.0483	0.0443	62.9
3	176304842	rs936475	G	T	4	0.7422	0.5828	0.9886	0.9474	0.0003	84.09
7	125570670	rs473816	A	G	4	0.08057	0.5828	0.9114	0.9439	0.0249	67.94
21	36478878	rs2252991	A	G	4	0.4578	0.5834	0.9722	0.9494	0.0023	79.32
21	29936192	rs363529	C	G	4	0.6867	0.5837	0.9807	0.932	0.0007	82.33
7	147248660	rs7805223	C	T	4	0.3839	0.5844	1.035	1.0565	0.0016	80.43
9	123781479	rs7855045	A	G	4	0.4311	0.5844	1.0282	1.0515	0.0011	81.29
2	197769903	rs2579409	G	T	4	0.1852	0.5849	0.8754	0.8678	0.0019	79.92
4	58824709	rs2244536	A	C	4	0.01751	0.5849	1.0956	1.0508	0.0043	77.22
6	90707807	rs3734662	C	T	3	0.4957	0.5855	0.9687	0.9253	0.0024	83.39
8	4081435	rs17069674	C	T	4	0.4581	0.5858	1.0685	1.1388	0.0005	83.04
18	6396037	rs11081233	A	G	4	0.08427	0.5862	0.9355	0.9581	0.0195	69.67
8	124803982	rs3898733	C	T	4	0.9695	0.5863	0.9985	1.0582	0.001	81.65
14	34502938	rs2273154	C	T	4	0.6274	0.5872	1.023	1.0649	0.0025	79.1
8	54353314	rs9792306	C	T	4	0.03424	0.5874	0.8857	0.9331	0.0073	75.07
16	45096893	rs9935841	A	G	4	0.8398	0.5882	0.99	1.0743	0.0005	83.02
20	47381910	rs6012644	C	G	4	0.1101	0.5886	1.1192	1.0799	0.024	68.21
1	202833323	rs11240761	A	C	4	0.09818	0.5888	0.9402	0.9616	0.0321	65.91
14	42258722	rs1698517	C	T	4	0.2181	0.5891	1.0991	1.1176	0.0011	81.29
3	151306869	rs9834782	A	C	4	0.7149	0.5896	1.0193	0.9335	0.0034	78.08
2	38371019	rs11894455	C	T	4	0.4697	0.5897	1.0262	1.0476	0.0035	77.93
7	147249143	rs7805990	G	T	4	0.3933	0.5904	1.0343	1.0557	0.0015	80.51
2	107969863	rs2433718	A	G	4	0.1029	0.5907	0.9229	0.9431	0.0084	74.42
4	21465676	rs1040036	G	T	4	0.9983	0.5908	0.9999	0.9504	0.0009	81.92
2	38403041	rs7593981	A	T	4	0.5496	0.5909	0.979	0.9522	0.0015	80.58
2	38403917	rs9808407	A	C	4	0.5496	0.5909	0.979	0.9522	0.0015	80.58
11	115297985	rs374729	A	G	4	0.08279	0.5909	1.0693	1.0422	0.0264	67.48
7	147244691	rs2538959	G	T	4	0.4119	0.591	1.0329	1.055	0.0018	80.06

5	159173066	rs6862385	A	C	4	0.7965	0.5912	0.9621	0.8342	0.0039	77.54
10	110493441	rs11597369	A	C	4	0.05063	0.5912	1.0948	1.0474	0.0405	63.78
4	171439939	rs17055545	G	T	4	0.04891	0.5918	1.2343	1.1288	0.0237	68.3
3	24635868	rs11129156	A	G	4	0.07606	0.592	1.0733	1.0485	0.0083	74.48
1	81202644	rs7515605	A	G	4	0.07883	0.5924	0.9185	0.9477	0.0165	70.73
19	57268291	rs8101936	A	T	4	0.8854	0.5927	0.9944	1.0499	0.0043	77.22
2	134740952	rs3791273	C	G	4	0.0345	0.5937	1.1989	1.1053	0.0192	69.76
8	54378028	rs11995818	A	T	4	0.03528	0.5938	1.1268	1.073	0.005	76.66
1	202831635	rs2887429	G	T	4	0.1024	0.5942	1.0628	1.0395	0.031	66.19
5	159163705	rs11957357	A	C	4	0.8034	0.5943	0.9635	0.835	0.0038	77.68
5	159164640	rs1432711	C	T	4	0.8072	0.5943	0.9641	0.8353	0.0039	77.57
16	7343080	rs17146172	C	T	4	0.01217	0.5947	1.1517	1.066	0.0156	71.08
1	202832806	rs6682208	C	T	4	0.1019	0.5953	0.9409	0.962	0.0306	66.3
10	122586221	rs12360470	A	G	4	0.395	0.5953	1.106	1.1893	0.0005	83.07
2	51330460	rs2098441	A	G	4	0.5093	0.5956	0.976	0.9549	0.0041	77.34
15	51195489	rs689991	A	G	4	0.02255	0.5957	0.9071	0.9516	0.01	73.55
19	57270159	rs1560690	A	G	4	0.8723	0.5961	1.0062	0.9528	0.0042	77.33
1	46637098	rs6429600	A	G	4	0.9552	0.5964	0.9977	0.9523	0.0061	75.85
15	31695395	rs12593288	C	T	4	0.7121	0.5964	0.984	1.0599	0.0024	79.24
1	55446008	rs6703366	G	T	4	0.02286	0.5967	1.1067	1.0468	0.0337	65.48
8	54386635	rs7465082	G	T	4	0.03522	0.5975	1.1269	1.0727	0.0046	76.92
8	97172072	rs16894295	A	G	4	0.8616	0.5977	0.9858	1.1274	0.0003	84.21
5	178252143	rs6865216	A	G	4	0.5115	0.598	1.0388	1.0882	0.0003	83.95
7	147247057	rs2538957	C	T	4	0.383	0.598	1.0351	1.055	0.0014	80.79
2	38391130	rs2305245	A	C	4	0.5515	0.5983	1.0213	1.0492	0.0015	80.54
5	6573684	rs931062	C	T	4	0.7895	0.5985	0.9879	1.0629	0.0014	80.67
5	178229512	rs11950641	C	T	4	0.5436	0.5986	1.0345	1.0853	0.0003	84.11
14	32677389	rs4982055	G	T	4	0.108	0.5987	0.942	0.9617	0.0255	67.77
6	136520887	rs1038214	A	G	4	0.8433	0.599	0.993	0.9507	0.0006	82.73
13	39501308	rs9549041	C	T	4	0.7419	0.5993	0.9883	0.957	0.0046	76.97
13	67631961	rs17083147	C	T	3	0.1741	0.5996	0.8248	1.3173	0.0001	89.39
5	159168956	rs6883903	A	G	4	0.8104	0.5998	1.0366	1.1932	0.0042	77.31
4	58828880	rs1368608	A	G	4	0.02064	0.5999	0.9149	0.9533	0.0039	77.52
4	71136589	rs1825033	A	G	4	0.1132	0.6001	0.923	0.938	0.0036	77.87
21	17225142	rs2243683	A	G	4	0.04036	0.6002	1.0759	1.0383	0.0247	68.01
4	71146872	rs17520678	A	C	4	0.1201	0.6006	1.0858	1.0676	0.0043	77.17
13	67606518	rs11840273	A	G	3	0.1713	0.6008	0.8237	1.3166	0.0001	89.42

13	67611790	rs2325107	A	G	3	0.1713	0.6008	0.8237	1.3166	0.0001	89.42
19	57264112	rs11669439	C	T	4	0.8605	0.6009	1.0068	0.9534	0.0042	77.27
13	67598341	rs17083120	C	T	3	0.1702	0.6013	1.2146	0.7596	0.0001	89.43
13	67599095	rs17083124	A	T	3	0.1702	0.6013	1.2146	0.7596	0.0001	89.43
5	159168575	rs6884390	C	T	4	0.8161	0.6022	0.9657	0.8391	0.0042	77.31
8	21342868	rs7460673	C	T	4	0.516	0.6022	0.9719	0.9416	0.0008	82.17
3	134945497	rs16840812	C	T	4	0.1488	0.6025	1.0708	1.0559	0.0085	74.34
7	44195593	rs1799884	C	T	4	0.07248	0.6026	0.9211	0.9559	0.0402	63.86
11	125183381	rs7929262	A	T	4	0.6952	0.6027	0.9854	0.9533	0.0029	78.63
4	92645841	rs6849851	A	G	4	0.2521	0.6028	1.0429	1.0522	0.0009	81.69
5	6574202	rs4702359	A	G	4	0.9908	0.6034	1.0005	0.942	0.0006	82.72
11	10881592	rs11043009	C	T	4	0.06211	0.6035	1.1035	1.0582	0.0159	70.98
13	39500866	rs366300	C	T	4	0.8263	0.6035	1.0078	1.0462	0.0027	78.76
2	51334759	rs2098446	A	G	4	0.5256	0.6036	1.0236	1.0464	0.0039	77.59
2	38456015	rs6760123	C	T	4	0.5918	0.6039	1.0194	1.0496	0.0012	81.09
12	87292097	rs2407653	A	C	4	0.122	0.6043	0.9046	0.9228	0.0034	78.08
10	110531064	rs945824	C	T	4	0.05854	0.6047	1.0902	1.0453	0.0386	64.24
2	51341929	rs13420545	C	T	4	0.5553	0.6048	0.9785	0.9563	0.0048	76.78
3	176315311	rs6774509	A	T	4	0.8825	0.6049	0.9949	0.9512	0.0004	83.51
9	24988099	rs10966629	A	G	4	0.8825	0.605	0.9946	1.0469	0.0032	78.21
4	58850166	rs17603347	C	T	4	0.03085	0.6055	1.095	1.0539	0.0029	78.59
3	176304233	rs9869809	A	T	4	0.9993	0.6061	1	0.9478	0.0001	85.51
7	125572333	rs674616	C	T	4	0.09202	0.607	0.9145	0.9468	0.0227	68.6
16	29901187	rs9925915	C	G	4	0.7913	0.6074	0.9908	1.0466	0.0017	80.24
1	202835233	rs6594019	C	T	4	0.1087	0.6075	0.942	0.9633	0.0307	66.27
8	21341257	rs17607798	A	C	4	0.4755	0.6076	0.9705	0.9437	0.0006	82.8
6	124525535	rs749212	A	G	4	0.01542	0.6077	1.1354	1.0547	0.0227	68.62
19	61166048	rs12611033	A	G	4	0.8546	0.6083	1.009	0.9342	0.0007	82.33
16	29895850	rs4283241	A	G	4	0.7835	0.6087	0.9905	1.0464	0.0016	80.27
1	46634494	rs2145408	A	G	4	0.9935	0.6094	0.9997	1.0486	0.005	76.6
8	109494368	rs13249775	C	T	4	0.1909	0.6094	0.954	0.9573	0.0044	77.11
20	47306203	rs6012627	A	G	4	0.01644	0.6101	0.8416	0.9223	0.01	73.58
13	67594394	rs17083114	C	T	3	0.1643	0.6104	1.2179	0.7666	0.0001	89.26
20	47147339	rs2426130	C	T	4	0.04772	0.611	1.14	1.0687	0.0288	66.8
15	58089832	rs9920841	A	G	3	0.6174	0.6111	1.0262	0.9233	0.0003	87.54
9	2663393	rs1542358	C	T	4	0.6615	0.6116	0.9702	0.9126	0.0009	81.73
16	29894026	rs11150577	A	G	4	0.7788	0.6119	0.9902	1.0456	0.0019	79.83

1	214179910	rs772713	A	C	4	0.62	0.612	1.0233	0.932	0.0001	86.48
2	134735267	rs3828175	A	G	4	0.03397	0.612	0.827	0.8993	0.0099	73.6
8	21342815	rs734364	C	T	4	0.488	0.6121	1.0296	1.059	0.0006	82.86
9	2671397	rs7870258	G	T	4	0.6343	0.6121	1.0281	1.0798	0.001	81.67
1	214178831	rs492474	G	T	4	0.5962	0.6122	0.9759	1.0733	0	86.84
1	214171349	rs647908	A	C	4	0.5865	0.6123	0.9751	1.0738	0	86.93
16	29892340	rs4318227	C	G	4	0.7778	0.6124	1.0099	0.9565	0.0019	79.81
3	18165497	rs13060927	A	G	4	0.8538	0.6125	0.9906	1.0648	0.0028	78.74
13	89090532	rs9555926	A	G	4	0.7303	0.6127	1.0429	1.1698	0.0006	82.58
5	26174463	rs11953897	A	G	3	0.146	0.6132	1.1359	1.1404	0.0022	83.61
1	160510650	rs6427667	C	G	4	0.3317	0.6133	0.9558	0.9348	0.0003	84.25
7	6389325	rs10234438	A	G	4	0.8087	0.6134	1.0232	0.876	0.0002	84.49
16	7339253	rs17143484	C	T	4	0.01145	0.6135	1.1543	1.0629	0.0158	71.03
16	29903381	rs4787489	A	G	4	0.7655	0.6138	0.9896	1.0459	0.0016	80.35
16	29891571	rs11901	C	G	4	0.781	0.6145	1.0098	0.957	0.0021	79.51
1	95561952	rs17113374	C	T	4	0.5236	0.6147	0.9646	0.9295	0.0014	80.7
16	29885063	rs4787486	A	T	4	0.7815	0.6147	1.0097	0.957	0.0021	79.52
16	29881668	rs6565173	A	G	4	0.7817	0.6154	0.9904	1.0447	0.0022	79.46
6	124523315	rs802273	G	T	4	0.01756	0.6157	0.8824	0.9492	0.0229	68.55
9	117019231	rs10817727	A	G	4	0.004988	0.6157	0.8499	0.9362	0.0098	73.68
20	47271275	rs6019695	A	G	4	0.01907	0.616	1.1815	1.0841	0.0079	74.69
7	125567593	rs492757	A	T	4	0.09412	0.6163	1.093	1.0552	0.0211	69.13
16	29902719	rs4788204	A	G	4	0.7565	0.6163	0.9892	1.0456	0.0016	80.39
13	39470070	rs276420	G	T	4	0.9085	0.6167	0.996	0.957	0.0016	80.34
3	176319542	rs2862042	C	T	4	0.9003	0.6168	0.9956	0.9519	0.0004	83.72
6	124525158	rs802274	A	G	4	0.01703	0.617	0.8824	0.9495	0.0229	68.56
8	54386673	rs7462232	A	G	4	0.04731	0.6172	1.1196	1.0669	0.0065	75.53
4	71093585	rs17148330	A	G	4	0.1197	0.6175	0.9243	0.9403	0.0031	78.4
4	71148222	rs10518071	C	T	4	0.1697	0.6176	0.9329	0.9422	0.0048	76.81
4	71146110	rs1849717	C	T	4	0.1411	0.6178	1.0773	1.0626	0.0037	77.75
10	110514731	rs11591352	G	T	4	0.05581	0.6179	1.0926	1.0467	0.0255	67.77
3	176319087	rs6774272	C	T	4	0.9131	0.618	1.0038	1.0498	0.0004	83.75
16	29910577	rs9924686	A	G	4	0.7306	0.6186	0.9881	1.0459	0.0013	80.96
11	10869437	rs16908503	A	G	4	0.0538	0.6188	1.102	1.0519	0.0202	69.43
4	71149649	rs3775739	A	G	4	0.1621	0.6194	0.9323	0.9446	0.0056	76.2
10	122589381	rs12355703	C	G	4	0.4443	0.6199	1.0968	1.1796	0.0005	83.14
3	176315077	rs6796537	C	T	4	0.9009	0.62	0.9957	0.953	0.0004	83.69

3	176315114	rs6809009	G	T	4	0.9069	0.6208	1.0041	1.0492	0.0004	83.72
3	176318751	rs6773961	A	T	4	0.9069	0.6208	1.0041	1.0492	0.0004	83.72
6	124522342	rs802270	A	G	4	0.01819	0.6212	1.1326	1.0526	0.0235	68.38
3	176299621	rs1381130	C	T	4	0.6972	0.6215	1.0139	0.9545	0.0008	82.1
2	51625568	rs12995836	C	T	4	0.1025	0.6216	0.9445	0.9634	0.0123	72.49
10	110659654	rs11596191	C	T	4	0.06354	0.6217	0.9192	0.9586	0.0376	64.49
6	124512460	rs2146252	C	T	4	0.02004	0.6218	1.1335	1.0537	0.0236	68.33
10	110511738	rs17769672	C	G	4	0.05992	0.6219	1.0921	1.0444	0.0369	64.67
1	214169893	rs517577	A	G	4	0.58	0.6221	0.9746	1.0709	0.0001	86.52
3	176318826	rs6809556	C	T	4	0.9102	0.6221	0.9961	0.9533	0.0004	83.68
9	7518098	rs10758880	A	C	4	0.1164	0.6224	1.0565	1.0366	0.0182	70.12
9	7518239	rs10815626	C	T	4	0.1164	0.6224	1.0565	1.0366	0.0182	70.12
14	42262582	rs10149887	A	T	3	0.4313	0.6225	1.0844	1.1643	0.0013	84.88
7	136935020	rs706568	A	T	4	0.08333	0.6229	1.1407	1.1049	0.0007	82.25
1	21832177	rs9426772	C	T	4	0.05397	0.623	0.9329	0.9656	0.0288	66.81
4	71136840	rs1817460	A	T	4	0.1306	0.6232	0.9263	0.9407	0.0028	78.74
13	39479629	rs276407	A	G	4	0.9557	0.6234	0.9981	0.958	0.0017	80.18
10	129848954	rs6482659	A	C	3	0.775	0.6246	0.9851	1.0942	0.0002	88.47
1	214165817	rs942837	C	T	4	0.5637	0.6254	1.0272	0.9343	0.0001	86.55
13	104283297	rs7997861	C	T	4	0.9361	0.6257	0.9972	1.0469	0.0009	81.82
15	51195545	rs584758	A	G	4	0.03198	0.6259	0.9125	0.955	0.0089	74.16
3	176311154	rs4355289	A	G	4	0.9279	0.6261	1.0031	1.0485	0.0004	83.72
16	29896442	rs4583255	A	G	4	0.7221	0.6261	1.0125	0.9574	0.0015	80.55
13	104282736	rs1326452	A	G	4	0.9348	0.6265	0.9971	1.0467	0.0009	81.78
15	31694920	rs4238566	A	C	4	0.7606	0.6269	1.0122	0.9531	0.0028	78.71
5	40303687	rs2279170	C	T	4	0.009422	0.6271	1.1006	1.0392	0.0135	71.94
10	110503291	rs12256452	C	G	4	0.04812	0.6271	1.0944	1.0439	0.03	66.47
3	176314128	rs9877212	C	T	4	0.9309	0.6272	1.003	1.048	0.0004	83.71
3	176315642	rs6763592	G	T	4	0.8306	0.6272	1.0077	1.0426	0.0033	78.11
1	214170400	rs662355	C	G	4	0.5761	0.6273	1.0264	0.9348	0.0001	86.49
7	125571959	rs654111	C	T	4	0.1017	0.6273	0.9168	0.949	0.0203	69.42
2	38403351	rs7606701	A	C	4	0.6299	0.6274	1.0173	1.0459	0.0013	80.94
16	29902237	rs3814884	A	T	4	0.7748	0.6275	0.9898	1.0436	0.0026	78.98
10	110517348	rs17697405	C	T	4	0.05913	0.6276	0.917	0.9586	0.035	65.14
2	29148520	rs10200693	A	G	4	0.1026	0.6277	0.9348	0.9597	0.0206	69.31
13	104284951	rs1409470	A	G	4	0.9536	0.628	1.0021	0.9554	0.0011	81.34
13	104285669	rs1853979	A	G	4	0.9392	0.6282	0.9972	1.0464	0.0013	80.99

1	66825324	rs2166307	C	T	4	0.06538	0.6285	1.102	1.0524	0.029	66.73
6	124513424	rs6569377	C	T	4	0.0203	0.6287	0.8831	0.9502	0.0235	68.36
13	104283684	rs7139884	A	C	4	0.948	0.6287	0.9977	1.0465	0.001	81.61
5	26178629	rs4701526	C	G	3	0.1347	0.6293	1.1399	1.1305	0.0029	82.85
6	124512495	rs2146253	A	G	4	0.02172	0.6294	1.1316	1.0525	0.0238	68.26
8	4080287	rs7819694	C	T	4	0.4919	0.6294	1.0648	1.1204	0.0011	81.44
4	71098553	rs2306445	A	G	4	0.1304	0.6295	0.9263	0.9411	0.0023	79.24
13	104284523	rs9519488	A	T	4	0.9271	0.6296	1.0033	0.9557	0.0011	81.42
2	232169359	rs4973009	A	G	3	0.2019	0.6304	1.0857	1.1057	0.0001	88.95
6	124516437	rs802253	C	G	4	0.02035	0.6304	0.8839	0.9509	0.024	68.21
3	176312381	rs9847129	C	T	4	0.9472	0.6305	0.9977	0.9544	0.0004	83.69
6	124516266	rs802251	G	T	4	0.02176	0.6309	0.8844	0.9508	0.0245	68.05
10	110512515	rs6584895	C	T	4	0.06634	0.631	1.0888	1.0432	0.0347	65.22
4	71088800	rs17148328	C	T	4	0.1234	0.6315	0.925	0.9425	0.003	78.48
7	125569040	rs618766	G	T	4	0.1018	0.6317	0.9168	0.9493	0.019	69.84
1	214169419	rs513746	C	T	4	0.5494	0.6318	1.0281	0.9361	0.0001	86.39
6	124516294	rs802252	C	T	4	0.02227	0.6327	0.8849	0.9511	0.0245	68.06
9	86103553	rs17427184	A	G	4	0.05171	0.6327	1.1343	1.09	0.0004	83.69
14	42261991	rs1777075	A	G	3	0.4113	0.6327	1.0877	1.159	0.0012	85.19
6	124517096	rs802255	A	G	4	0.02079	0.633	0.8843	0.9512	0.024	68.22
13	104287517	rs9514325	A	G	4	0.9546	0.6331	0.9979	1.0461	0.0015	80.52
16	29875516	rs7204797	C	T	4	0.7257	0.6332	1.0123	0.9591	0.002	79.69
16	22620480	rs154537	G	T	4	0.06953	0.6333	1.0887	1.0433	0.0341	65.38
2	210413593	rs10178675	C	G	4	0.003915	0.6334	0.8524	0.9439	0.0133	72.02
3	176299863	rs9848123	A	G	4	0.6507	0.6337	1.0161	0.9558	0.0007	82.26
16	29908402	rs3814881	A	G	4	0.6778	0.6337	0.9856	1.0442	0.0012	81.21
6	26794868	rs7755721	C	T	4	0.9254	0.634	0.9963	1.0476	0.0028	78.66
6	124512907	rs2008699	C	T	4	0.02055	0.6341	1.1321	1.0518	0.0228	68.58
6	124515810	rs802249	C	G	4	0.02248	0.6345	1.13	1.0512	0.0245	68.07
7	136934899	rs6949094	C	T	4	0.05343	0.6346	1.1693	1.1049	0.0013	80.94
4	58833846	rs2553297	C	T	4	0.02315	0.6351	0.9164	0.9575	0.0039	77.59
12	87293574	rs10858718	C	G	4	0.168	0.6351	1.0921	1.079	0.0018	79.99
10	122705142	rs11199677	A	C	4	0.5899	0.6352	1.0704	1.1844	0.0004	83.49
3	144993820	rs12233446	C	T	4	0.00129	0.6356	0.8588	0.9504	0.0084	74.43
6	124513036	rs2008708	A	G	4	0.02127	0.6357	0.8839	0.9511	0.0232	68.46
7	44190467	rs2908289	A	G	4	0.09102	0.6365	1.0815	1.0435	0.0322	65.87
10	110506325	rs17769499	A	C	4	0.06427	0.6365	0.9179	0.9589	0.0327	65.74

11	10861334	rs1589596	G	T	4	0.05687	0.6365	0.9075	0.951	0.0148	71.4
8	109423278	rs4734174	A	G	4	0.1648	0.6368	1.0514	1.0384	0.0104	73.35
6	124513519	rs6932946	G	T	4	0.02188	0.637	1.1306	1.0511	0.0233	68.42
7	125564351	rs639166	C	T	4	0.1292	0.6374	1.0855	1.0523	0.0228	68.58
10	110506183	rs17769443	A	G	4	0.06422	0.6376	1.0895	1.0427	0.0324	65.81
10	110537793	rs7920198	A	G	4	0.06613	0.6379	1.088	1.0414	0.0372	64.6
1	95555047	rs17113360	C	T	4	0.5251	0.6381	1.0364	1.0685	0.002	79.71
16	29925396	rs3814880	C	T	4	0.7182	0.6383	0.9875	1.0439	0.0011	81.4
10	110501214	rs11194258	A	G	4	0.05039	0.6387	1.0935	1.0427	0.0283	66.94
9	7517476	rs10758876	G	T	4	0.1274	0.6393	0.948	0.966	0.0164	70.78
16	29941134	rs12325539	C	T	4	0.6789	0.6395	0.9847	1.0485	0.0006	82.79
9	2682393	rs11788193	A	T	4	0.5284	0.64	1.0496	1.09	0.0028	78.66
8	109448088	rs11780184	C	T	4	0.1932	0.6402	1.0487	1.0397	0.0068	75.37
7	44190246	rs730497	A	G	4	0.09094	0.6404	1.0816	1.0433	0.031	66.2
9	7517489	rs10758877	C	T	4	0.1265	0.6407	1.055	1.0351	0.0161	70.92
11	10865614	rs10840506	C	T	4	0.05277	0.641	0.9075	0.953	0.0173	70.44
16	29938200	rs11150581	C	T	4	0.6856	0.641	0.985	1.0482	0.0006	82.81
3	176302128	rs9859106	A	T	4	0.5598	0.6412	1.0208	0.9579	0.0012	81.2
5	125194811	rs17560965	A	G	4	0.7045	0.6416	1.0331	1.1009	0.0031	78.36
16	7342542	rs9933137	G	T	4	0.0148	0.6417	1.1486	1.0588	0.0134	71.98
20	3499637	rs17709518	A	G	4	0.9069	0.6421	0.9913	0.9192	0.0029	78.57
10	110503533	rs10509877	A	G	4	0.05234	0.6424	1.0926	1.0422	0.0286	66.86
1	202835999	rs11240764	C	T	4	0.1238	0.6426	0.9443	0.9661	0.0263	67.53
8	109444070	rs1597145	G	T	4	0.1965	0.6426	1.0484	1.0396	0.0065	75.55
2	210419671	rs6752217	G	T	4	0.00485	0.6427	0.8548	0.945	0.0133	72.03
6	26866458	rs4711122	C	T	4	0.8298	0.643	1.0086	0.956	0.0029	78.53
16	29937696	rs11642612	A	C	4	0.6806	0.6431	1.0155	0.9543	0.0006	82.77
16	29920767	rs4788209	C	T	4	0.7229	0.6433	1.0127	0.9592	0.0017	80.23
7	125564375	rs639211	A	C	4	0.1219	0.6434	1.0867	1.0517	0.0208	69.25
7	125565143	rs642710	C	T	4	0.1041	0.6434	1.0901	1.0515	0.0191	69.83
4	183400923	rs6840036	C	T	4	0.1562	0.6435	1.0589	1.0483	0.0017	80.14
2	107976696	rs333217	A	G	4	0.1367	0.6438	0.9311	0.9531	0.0099	73.62
20	3508191	rs17782370	C	T	4	0.896	0.6439	0.9903	0.92	0.003	78.5
9	2684201	rs748787	A	G	3	0.7561	0.644	1.0293	1.1466	0.0008	85.92
8	109497697	rs10098022	A	G	4	0.2056	0.6441	1.0466	1.0401	0.0046	76.98
20	3504956	rs17782347	C	T	4	0.9037	0.6443	1.0091	1.0869	0.003	78.45
16	29926001	rs3935873	C	T	4	0.694	0.6447	1.0138	0.9586	0.001	81.51

2	210418651	rs13028068	G	T	4	0.004367	0.6451	1.171	1.0577	0.0129	72.22
9	7517926	rs10758879	A	G	4	0.1291	0.6452	1.0546	1.0347	0.0155	71.12
2	210418038	rs12386218	C	G	4	0.004329	0.6456	0.8538	0.9455	0.0127	72.28
16	29902423	rs3814883	C	T	4	0.6173	0.6457	1.0182	0.9561	0.0006	82.62
13	89120930	rs6492439	T	C	3	0.08705	0.646	1.1951	1.1418	0.0025	83.29
8	109442301	rs1448160	C	T	4	0.1989	0.6463	0.9541	0.9621	0.0061	75.8
13	39465395	rs276422	G	T	4	0.9874	0.6466	1.0005	0.961	0.002	79.76
7	103388421	rs10246267	C	T	4	0.3121	0.6468	1.078	1.0896	0.0029	78.63
2	210417278	rs16843780	C	G	4	0.004639	0.6472	1.1698	1.0571	0.0133	72.03
4	21481084	rs12504827	A	G	4	0.9266	0.6475	1.0032	1.0444	0.0006	82.84
11	62420235	rs547248	C	T	4	0.8187	0.6477	0.9913	1.0412	0.005	76.59
9	81271470	rs10867388	A	G	4	0.1104	0.6478	0.8441	0.9071	0.0245	68.07
20	47381122	rs6019751	C	T	4	0.08942	0.6482	0.8925	0.9387	0.0195	69.68
13	39483845	rs276402	A	C	4	0.9744	0.6486	0.9989	0.9608	0.0016	80.29
11	10857488	rs11042998	G	T	4	0.06888	0.6487	0.9091	0.9497	0.0098	73.65
11	10858797	rs2403431	A	C	4	0.06617	0.6487	0.9087	0.9501	0.0103	73.42
2	210415606	rs10490024	A	G	4	0.004699	0.649	1.1694	1.0568	0.0131	72.11
11	10857160	rs11042997	A	C	4	0.07084	0.6496	0.9093	0.9492	0.0089	74.12
1	160514456	rs7525955	A	G	4	0.4608	0.6497	1.0345	1.0619	0.0003	84.34
9	2663801	rs12347630	A	G	4	0.7667	0.6514	1.0204	1.0799	0.0019	79.89
1	95796000	rs519693	C	T	4	0.9715	0.6516	1.0025	1.0761	0.0035	77.95
8	4101682	rs12675002	A	G	4	0.351	0.6516	1.0676	1.0935	0.0002	84.53
9	2664864	rs7874073	A	G	4	0.7338	0.6523	1.0231	1.0821	0.001	81.49
16	50225366	rs2647971	C	T	4	0.6753	0.6527	0.9852	1.0428	0.001	81.63
2	172973708	rs10497382	C	T	4	0.4909	0.6529	0.9693	0.9502	0.0021	79.55
2	210416012	rs10188289	A	G	4	0.004899	0.6529	1.1685	1.0561	0.013	72.14
9	2664110	rs7859818	A	G	4	0.7227	0.6534	0.9763	0.924	0.001	81.61
9	2673052	rs7031441	C	G	4	0.7624	0.6538	1.0177	1.0708	0.0008	82.16
8	109495470	rs1955032	G	T	4	0.203	0.654	0.9549	0.9623	0.0045	77.04
7	125565214	rs653569	A	G	4	0.1098	0.6546	0.9186	0.9522	0.0177	70.3
3	144994842	rs2121775	A	G	4	0.00157	0.6548	0.8603	0.9527	0.0078	74.73
3	176310661	rs6782183	C	T	4	0.9288	0.6549	0.9968	0.9624	0.0031	78.34
2	38396294	rs10202238	C	T	4	0.9251	0.6559	0.9964	0.9598	0.0031	78.36
8	109493977	rs6998163	C	T	4	0.2191	0.6564	1.0452	1.039	0.004	77.5
10	122502220	rs11199530	A	G	4	0.4248	0.6564	0.9091	0.8643	0.0007	82.24
9	2665728	rs11793970	C	G	4	0.7433	0.657	1.0223	1.0807	0.0011	81.41
2	107931186	rs7594860	C	T	3	0.009744	0.6572	0.8598	0.9389	0.0205	74.28

9	2667429	rs7029840	A	C	4	0.7498	0.6578	1.0217	1.0802	0.0011	81.28
6	94772045	rs1488307	C	T	3	0.0007852	0.658	1.1782	1.0586	0.013	76.96
1	152458415	rs9803857	A	G	4	0.4633	0.6584	1.0261	0.9554	0.0001	85.27
8	109492672	rs4735063	A	T	4	0.2215	0.6586	0.9569	0.9627	0.004	77.46
1	160514063	rs7525777	C	T	4	0.4414	0.6587	0.964	0.9416	0.0003	84.34
4	58848803	rs17089214	C	T	4	0.03768	0.6587	0.9234	0.9608	0.0041	77.36
8	4097308	rs2407941	C	T	4	0.4218	0.659	1.0577	1.0956	0.0001	85.89
8	109466087	rs10108399	C	T	4	0.1996	0.6591	0.9549	0.9635	0.0052	76.5
20	47156669	rs2426133	C	T	4	0.06467	0.6591	1.1548	1.0685	0.031	66.19
16	50225696	rs2647972	C	T	4	0.6473	0.6592	0.9839	1.0421	0.0009	81.75
4	71114351	rs17148361	C	T	4	0.1423	0.6593	1.077	1.0575	0.0021	79.64
5	6574824	rs11742039	G	T	4	0.6641	0.6593	0.9803	1.0541	0.0009	81.68
4	21480772	rs12512316	A	G	4	0.9346	0.6601	0.9971	0.9587	0.0005	83.21
7	125565195	rs651763	A	C	4	0.116	0.6602	0.9203	0.9529	0.0167	70.66
2	172438261	rs6725388	C	G	4	0.7179	0.6603	1.0137	1.0474	0.0003	83.91
8	109467321	rs7812466	A	G	4	0.2035	0.6605	1.0469	1.0376	0.0054	76.36
5	51877283	rs7730948	C	T	4	0.581	0.6608	1.062	1.1155	0.005	76.66
3	144995427	rs6800578	C	T	4	0.001837	0.6612	0.862	0.9536	0.008	74.64
5	51883415	rs10054300	A	G	4	0.5885	0.6624	1.0608	1.1151	0.0049	76.69
9	81234777	rs17082380	A	C	4	0.1178	0.6625	0.8478	0.9116	0.0249	67.93
8	109492076	rs4735062	G	T	4	0.2262	0.6626	0.9574	0.9631	0.0038	77.63
1	160514403	rs7528328	C	T	4	0.49	0.663	0.9688	0.9436	0.0002	84.54
9	2667743	rs7029311	A	G	4	0.7645	0.663	1.0204	1.0791	0.0011	81.41
2	38226868	rs918804	A	T	4	0.0237	0.6634	0.8924	0.9487	0.0039	77.54
5	51871156	rs16879891	G	T	4	0.6019	0.6645	0.945	0.8986	0.0054	76.35
8	109471830	rs4363174	C	T	4	0.2078	0.6647	1.0464	1.0372	0.0051	76.53
3	178815700	rs1466846	A	G	4	0.02615	0.665	0.9104	0.9488	0.0002	84.96
2	49146315	rs4971622	A	T	4	0.9595	0.6651	0.9955	0.9155	0.0049	76.7
5	6575043	rs11134164	A	G	4	0.6778	0.6654	1.0193	0.9495	0.001	81.65
5	73297869	rs416286	A	G	4	0.01807	0.6659	1.0965	1.05	0.0002	84.72
5	73300336	rs436777	A	G	4	0.01807	0.6659	1.0965	1.05	0.0002	84.72
13	104286376	rs2031635	A	G	4	0.8754	0.6679	0.9941	1.0411	0.0022	79.49
16	29874935	rs4788196	A	G	4	0.6848	0.6679	1.0143	0.9649	0.0042	77.26
8	109477725	rs2156740	C	G	4	0.2125	0.6692	1.0459	1.0368	0.0049	76.73
1	152478140	rs12062977	C	T	4	0.4803	0.6698	0.9756	1.0451	0.0001	85.34
1	152486342	rs6427509	C	T	4	0.476	0.6715	0.9753	1.0449	0.0001	85.36
1	152484387	rs10158820	C	T	4	0.4738	0.6718	0.9752	1.0448	0.0001	85.36

5	159144339	rs6888211	C	T	4	0.8731	0.6725	0.9761	0.8663	0.0047	76.89
4	174752942	rs10025532	A	G	4	0.2456	0.6729	0.9561	0.9594	0.0014	80.7
20	47380876	rs6019750	C	G	4	0.0997	0.6732	0.8956	0.9422	0.0165	70.77
1	152491968	rs2340473	C	T	4	0.4711	0.6735	1.0256	0.9573	0.0001	85.4
2	134738836	rs3791270	A	G	4	0.04575	0.6737	0.8364	0.9167	0.0109	73.11
9	81234189	rs11138206	A	G	4	0.1233	0.6738	1.1767	1.0941	0.0232	68.45
1	152470934	rs2879788	A	T	4	0.4632	0.6743	0.9746	1.0445	0.0001	85.39
1	202857860	rs884108	A	G	3	0.01364	0.6757	1.115	1.0456	0.0082	79.18
7	52131614	rs2953422	A	G	4	0.1005	0.6758	0.9434	0.9646	0.0028	78.7
1	170633760	rs4471302	C	T	4	0.6872	0.676	1.0201	0.9499	0.0032	78.24
2	210443331	rs12328346	A	G	4	0.007564	0.6762	1.1593	1.0538	0.0098	73.65
9	2668077	rs6475927	A	G	4	0.7912	0.6769	1.018	1.0763	0.001	81.66
13	67660291	rs17083164	C	T	3	0.0656	0.6772	1.3088	0.8063	0.0008	86.08
9	81273412	rs12339463	A	G	4	0.1243	0.6773	1.1772	1.0946	0.0211	69.14
8	109479131	rs1893887	C	G	4	0.2216	0.6775	1.045	1.0361	0.0045	77.08
8	109479249	rs1893886	C	T	4	0.223	0.6778	0.9571	0.9652	0.0045	77.02
3	176301721	rs7627996	C	T	4	0.5434	0.6779	0.9787	1.0372	0.0023	79.29
13	67662316	rs7984473	A	G	3	0.1201	0.678	1.2896	0.7941	0.0007	86.14
1	170633685	rs10489284	A	G	4	0.681	0.6786	0.9799	1.0523	0.0032	78.21
1	152446303	rs6719	C	T	4	0.4334	0.6787	1.0279	0.9579	0.0001	85.43
8	109479507	rs2156739	A	C	4	0.2255	0.6787	1.0446	1.0358	0.0046	76.94
8	3078201	rs2406453	C	G	4	0.9812	0.6788	1.002	1.0929	0.0013	80.95
13	104282823	rs9514322	C	T	4	0.7478	0.6788	1.012	0.9606	0.001	81.67
10	122646633	rs12355611	A	C	4	0.4672	0.6791	0.9131	0.8621	0.0005	82.91
9	81261735	rs11138238	C	T	4	0.1265	0.6794	0.8503	0.915	0.0228	68.59
9	81266134	rs11138240	C	T	4	0.125	0.6797	0.8497	0.9148	0.0223	68.76
9	2668427	rs7847455	A	T	4	0.7988	0.68	0.9829	0.9297	0.0009	81.73
16	7437703	rs9933246	C	T	4	0.5481	0.6811	1.0211	0.9637	0.0013	80.92
9	7517298	rs4269591	C	T	4	0.1501	0.6812	0.9504	0.9695	0.0142	71.66
10	122678184	rs12359177	A	G	4	0.526	0.6812	1.0828	1.1565	0.0007	82.32
9	2667787	rs7046015	A	G	4	0.8038	0.6817	0.9834	0.93	0.0009	81.77
9	81214260	rs11138196	A	T	4	0.1257	0.6817	1.174	1.0935	0.0184	70.06
9	81239935	rs12352718	C	T	4	0.1318	0.6817	0.8526	0.9157	0.0227	68.61
9	2668059	rs6475926	C	T	4	0.8061	0.682	1.0167	1.0752	0.0009	81.79
10	122678943	rs11199659	A	T	4	0.5151	0.682	1.0851	1.1562	0.0007	82.36
2	210447598	rs1558474	C	T	4	0.008574	0.6822	0.864	0.95	0.0105	73.29
8	109481042	rs1955025	A	C	4	0.2302	0.6828	1.0441	1.0355	0.0044	77.11

8	109483397	rs2023107	A	C	4	0.2302	0.6828	1.0441	1.0355	0.0044	77.11
5	73293142	rs1684851	A	C	4	0.02088	0.6836	1.0942	1.047	0.0002	84.65
7	136927210	rs706562	C	G	4	0.06624	0.6839	1.173	1.086	0.0041	77.37
2	172832483	rs7574225	A	G	4	0.01005	0.6843	0.9105	0.9587	0.0003	84.25
10	122645462	rs11199632	C	T	4	0.4806	0.6847	0.9156	0.8638	0.0005	83.07
16	7435187	rs2346943	G	T	4	0.5951	0.6853	1.0188	0.9636	0.0011	81.32
10	122679402	rs11199660	A	G	4	0.5263	0.6854	1.0827	1.1546	0.0007	82.41
13	39454859	rs276429	A	G	4	0.8664	0.6854	1.0059	0.9651	0.0021	79.59
10	122623411	rs12355108	C	T	4	0.4829	0.6857	0.916	0.8639	0.0005	83.18
16	7340883	rs17842417	C	T	4	0.01352	0.6868	1.1507	1.0521	0.0109	73.14
20	3489382	rs17782078	C	T	4	0.9613	0.6868	0.9964	1.0783	0.002	79.74
4	71142292	rs4460073	C	T	4	0.04589	0.687	0.8891	0.9422	0.002	79.78
10	122624977	rs12355961	A	G	4	0.4867	0.6871	1.0909	1.1567	0.0005	83.17
10	122607331	rs11199603	A	G	4	0.4855	0.6873	0.9165	0.8642	0.0005	83.27
2	210450278	rs11682914	A	G	4	0.008441	0.6876	1.1577	1.0518	0.0102	73.48
8	109484593	rs2023104	A	G	4	0.2382	0.6876	1.0434	1.0352	0.004	77.45
10	122622408	rs11199613	C	T	4	0.4878	0.6877	1.0906	1.1565	0.0005	83.19
10	122680429	rs12357022	A	G	4	0.5374	0.6895	0.9256	0.8678	0.0007	82.42
8	109476961	rs13281088	C	T	4	0.2358	0.6897	1.0436	1.035	0.0039	77.59
2	134738884	rs3791271	C	T	4	0.04806	0.69	1.1935	1.0861	0.0108	73.16
9	81242882	rs1340123	C	T	4	0.1357	0.6906	1.1711	1.0898	0.0215	69.01
20	47379153	rs1847326	A	C	4	0.1013	0.6909	1.117	1.0599	0.0123	72.47
2	210442080	rs7593426	A	G	4	0.007233	0.6913	1.1592	1.0516	0.0086	74.32
10	122682094	rs11199663	A	G	4	0.5428	0.6913	1.0793	1.1511	0.0007	82.38
10	122679558	rs11199661	A	G	4	0.5418	0.6914	1.0795	1.1513	0.0007	82.43
2	172832429	rs7574002	C	T	4	0.01116	0.6917	1.0968	1.042	0.0003	84.27
7	6389871	rs10238136	A	T	4	0.6636	0.692	1.0421	0.899	0.0002	85.06
3	178795570	rs4857716	C	T	4	0.05855	0.6929	0.9337	0.9609	0.0003	83.8
2	210423419	rs10194322	A	G	4	0.009558	0.6932	1.1497	1.0513	0.0071	75.18
3	134947186	rs8177184	A	G	4	0.1837	0.6935	0.9389	0.9595	0.0083	74.48
2	210441690	rs10490026	A	G	4	0.01174	0.6937	1.1487	1.0492	0.0126	72.31
2	210444633	rs12328884	C	T	4	0.008969	0.6937	1.1564	1.051	0.0096	73.76
2	134733887	rs16830280	A	T	4	0.01903	0.694	0.8302	0.9231	0.0025	79.02
10	122621095	rs11199612	C	T	4	0.5045	0.6947	0.9199	0.8675	0.0005	83.25
1	95634310	rs17113478	C	G	4	0.8624	0.6953	0.9887	0.9361	0.0011	81.34
2	210447119	rs17748692	C	T	4	0.00918	0.6955	1.1558	1.0506	0.0097	73.7
2	210443405	rs10490028	C	T	4	0.008998	0.6957	0.8654	0.9519	0.0093	73.89

8	109488103	rs13275153	C	T	4	0.2482	0.6957	1.0425	1.0344	0.0037	77.79
13	89117527	rs2148775	C	T	4	0.582	0.6964	1.0423	1.0702	0.0042	77.28
10	122688268	rs12355094	C	T	4	0.55	0.6968	0.9278	0.8717	0.0007	82.25
8	109459433	rs2023100	G	T	4	0.2412	0.6969	1.0431	1.0347	0.0031	78.31
2	210444857	rs12329303	A	G	4	0.009278	0.697	0.8653	0.952	0.0096	73.76
2	210446076	rs7581628	A	G	4	0.009278	0.697	0.8653	0.952	0.0096	73.76
2	210446334	rs7581974	A	G	4	0.009278	0.697	0.8653	0.952	0.0096	73.76
1	115209396	rs12741053	C	T	4	0.8917	0.6976	1.0071	1.0493	0.0035	77.99
1	214171603	rs498911	A	C	4	0.4916	0.698	0.9675	1.0545	0.0002	85.05
2	210447096	rs17748674	C	T	4	0.009361	0.6982	1.1554	1.0502	0.0096	73.76
11	18884861	rs6483549	C	G	4	0.03434	0.6983	0.8845	0.9485	0.0054	76.35
3	54723274	rs604132	A	T	4	0.2026	0.6992	0.954	0.9649	0.0018	80.1
7	17412231	rs10259316	G	T	4	0.802	0.6996	1.0095	0.9605	0.0004	83.48
1	95798397	rs12125905	C	G	4	0.9837	0.6998	1.0014	0.9386	0.0044	77.14
4	1663729	rs3958122	C	T	4	0.002199	0.7004	0.8923	0.9671	0.0051	76.59
3	18167244	rs13071948	A	G	4	0.7056	0.7007	1.0198	0.9527	0.0025	79.1
2	107970060	rs333238	A	G	4	0.1069	0.7022	0.9298	0.9599	0.0037	77.73
2	107970399	rs333236	A	G	4	0.1074	0.7022	1.0753	1.0417	0.0038	77.69
1	55443484	rs6671533	C	G	4	0.02706	0.7023	1.1044	1.0362	0.0194	69.71
2	210444413	rs12328869	A	T	4	0.009084	0.7026	1.1575	1.0497	0.0096	73.74
1	21829826	rs9426674	C	G	4	0.09071	0.7029	0.9401	0.9702	0.0108	73.19
10	122593274	rs11199590	C	T	4	0.4701	0.7031	1.0939	1.152	0.0003	84.14
3	129060018	rs7633928	A	G	4	0.01072	0.7032	0.8788	0.959	0.0125	72.39
18	6396648	rs9947555	C	T	4	0.1237	0.7038	0.9418	0.9682	0.0097	73.7
4	58861907	rs13148519	A	G	4	0.04479	0.7048	0.9259	0.9654	0.003	78.41
3	134946488	rs8177181	A	T	4	0.1947	0.7049	1.0634	1.0407	0.008	74.64
8	135168960	rs1457463	A	G	4	0.02911	0.7056	0.9267	0.9657	0.0008	81.95
6	26862629	rs2504586	C	G	4	0.8989	0.7067	0.9945	1.0402	0.0028	78.66
2	210441645	rs10490025	A	T	4	0.01335	0.7069	0.8727	0.9549	0.012	72.58
8	135163085	rs7842645	A	G	4	0.0835	0.7071	1.0622	1.0311	0.005	76.62
3	178798779	rs4241484	A	C	4	0.05414	0.7074	1.0717	1.0384	0.0003	83.9
2	210449837	rs16843893	C	T	4	0.009934	0.7076	0.8665	0.9537	0.0095	73.83
10	110503646	rs12258219	G	T	4	0.05519	0.7077	1.0966	1.0373	0.019	69.85
1	21828331	rs9426770	C	G	4	0.0893	0.7081	0.9399	0.9705	0.01	73.54
4	1671115	rs2247341	A	G	4	0.002113	0.7085	1.1202	1.033	0.0047	76.89
3	24666496	rs4131483	A	T	4	0.07181	0.7088	1.0649	1.0285	0.0124	72.45
1	95798313	rs12125877	C	G	4	0.9449	0.7089	1.0049	0.9404	0.0039	77.53

1	95633790	rs11586346	A	C	4	0.9167	0.7093	0.9932	0.9388	0.001	81.49
11	18884296	rs2896547	A	G	4	0.0382	0.7094	1.1277	1.0524	0.0051	76.56
4	58860984	rs7690084	A	G	4	0.04704	0.7109	0.9266	0.9661	0.0029	78.54
12	128857653	rs11060565	C	T	4	0.0955	0.7109	1.0801	1.0479	0.0005	83.04
3	102219726	rs13085823	G	T	4	0.8238	0.7112	1.0083	0.9665	0.0024	79.17
1	95792027	rs1355136	C	T	4	0.9349	0.7119	1.0056	0.9403	0.0025	79.06
4	58866253	rs11945898	C	T	4	0.04723	0.7119	1.0791	1.035	0.0029	78.55
2	210440931	rs13414802	A	G	4	0.01308	0.7122	0.8728	0.9558	0.0117	72.75
7	52130392	rs2952763	C	T	4	0.1532	0.713	0.9518	0.97	0.0035	77.94
1	21831326	rs9426771	G	T	4	0.05169	0.7136	1.073	1.0288	0.0133	72.03
12	9918211	rs10219684	C	T	4	0.587	0.7138	1.0213	0.9634	0.001	81.44
11	80656128	rs17141842	C	T	4	0.6446	0.714	0.9659	0.9216	0.0001	86.45
2	210443088	rs12328328	C	T	4	0.01011	0.7143	0.8673	0.9544	0.0083	74.45
11	18886008	rs1384648	C	T	4	0.03969	0.715	0.8875	0.9509	0.0047	76.9
2	29141970	rs13012389	C	T	4	0.1663	0.7153	1.0583	1.0317	0.0172	70.49
2	29141985	rs13031086	C	T	4	0.1494	0.7153	0.9431	0.9691	0.0156	71.08
1	206126982	rs2556	A	G	4	0.08605	0.7155	0.8951	0.9477	0.0065	75.53
8	4109411	rs9693235	A	G	4	0.6134	0.7157	1.0369	1.0717	0.0008	82.08
4	58866156	rs11933359	C	T	4	0.04843	0.7159	0.9271	0.9666	0.0028	78.65
5	104120449	rs12518236	A	G	4	0.1504	0.7165	1.0806	1.0517	0.0011	81.4
4	71084769	rs17148325	C	T	3	0.2076	0.7166	1.0696	1.0528	0.0027	83.06
2	210781793	rs1509571	C	T	4	0.01043	0.7169	1.1577	1.0491	0.0085	74.33
11	18898424	rs2403354	C	T	4	0.04465	0.7169	1.1262	1.0517	0.0054	76.33
2	172835915	rs7588418	C	T	4	0.0114	0.7184	1.0975	1.0392	0.0002	84.86
2	210443100	rs12329111	A	C	4	0.01036	0.7186	0.8677	0.9551	0.0082	74.53
1	95798178	rs12145270	A	T	4	0.8961	0.7189	0.991	1.0609	0.0038	77.69
9	2668958	rs16909038	C	G	4	0.8409	0.7191	0.9865	0.9377	0.0008	82.18
11	18888602	rs1973238	C	G	4	0.03958	0.7191	0.887	0.9514	0.0047	76.91
3	178804169	rs11716881	A	G	4	0.06011	0.7194	1.0699	1.0369	0.0003	84.02
4	58862866	rs2412887	A	G	4	0.04969	0.72	1.0782	1.0342	0.0027	78.84
4	183404530	rs6552548	A	C	3	0.1483	0.7204	1.0585	1.0393	0.0023	83.58
21	16553299	rs1389074	C	T	3	0.1435	0.7206	0.9474	0.9636	0.0013	84.87
4	58863520	rs2140072	A	G	4	0.05078	0.721	1.0778	1.034	0.0028	78.74
1	115298685	rs2008873	A	T	4	0.9161	0.7213	1.0055	1.046	0.0028	78.74
3	129059205	rs6763775	C	G	4	0.01308	0.7216	0.8812	0.9611	0.0115	72.83
13	23529796	rs9511023	A	G	4	0.16	0.7217	1.0585	1.0301	0.0195	69.69
1	21826881	rs4654974	C	T	4	0.1025	0.7226	0.9422	0.9717	0.0086	74.32

1	98737106	rs591545	C	T	4	0.2943	0.7232	0.9294	0.9421	0.0036	77.81
3	178805561	rs6766914	C	T	4	0.05818	0.7232	1.0693	1.036	0.0003	84.1
8	4095458	rs6998882	A	C	4	0.5968	0.7241	0.9611	0.922	0	86.91
2	197755262	rs2697234	C	T	4	0.2176	0.7248	0.8861	0.9223	0.0033	78.19
2	197754509	rs2697235	A	G	4	0.2172	0.725	1.1287	1.0844	0.0032	78.26
4	1689418	rs743569	G	T	4	0.003078	0.7256	1.1165	1.0312	0.0046	76.98
2	197753891	rs2697236	C	G	4	0.2188	0.7258	0.8864	0.9225	0.0032	78.22
2	210442197	rs7566741	A	G	4	0.01027	0.7258	0.8676	0.956	0.0076	74.86
2	38221238	rs2113389	C	T	4	0.03829	0.7275	0.9025	0.9574	0.0021	79.54
2	107974450	rs2450280	C	T	4	0.1188	0.7281	1.0739	1.0384	0.0036	77.82
2	210450498	rs2109970	A	G	4	0.01143	0.7281	0.8688	0.9567	0.0087	74.25
12	128850548	rs1376797	C	T	4	0.1123	0.7285	1.0762	1.044	0.0007	82.35
4	52565714	rs2319750	C	T	4	0.7257	0.7288	1.0175	0.9543	0.0007	82.34
8	4108928	rs17069778	A	T	4	0.6357	0.7305	0.967	0.9383	0.001	81.44
2	210413138	rs10178425	G	T	4	0.00656	0.7317	0.8591	0.9576	0.01	73.58
14	94392551	rs10133971	T	C	3	0.1257	0.7317	1.1642	1.1206	0.0012	85.19
4	58871935	rs1402960	A	G	4	0.05793	0.7321	0.9298	0.9685	0.0029	78.62
5	51859304	rs16879856	C	T	4	0.7385	0.7322	0.9644	0.9159	0.0033	78.16
2	210442707	rs10490027	A	T	4	0.01086	0.7326	1.1521	1.045	0.0076	74.87
13	45873366	rs7333428	C	T	4	0.864	0.7328	0.9905	1.0479	0.003	78.47
3	45188375	rs9850250	A	T	4	0.2075	0.7331	0.9561	0.9715	0.0039	77.61
1	154341469	rs6661281	C	T	4	0.1631	0.7335	1.0521	1.0292	0.0058	76.01
2	210412445	rs9288414	A	C	4	0.006078	0.7335	1.1674	1.0445	0.0092	73.96
8	4107562	rs1394485	C	T	4	0.613	0.7347	0.9646	0.9384	0.0009	81.76
12	2205194	rs7296039	C	G	4	0.4791	0.7349	1.076	0.9121	0.0017	80.27
2	107973532	rs333235	C	T	4	0.1112	0.7358	0.9303	0.9639	0.0032	78.28
8	4095738	rs971555	A	G	4	0.6415	0.736	0.9657	0.9249	0	87.1
4	58909359	rs11133559	A	C	4	0.08996	0.7362	0.9359	0.9691	0.0037	77.73
12	93474128	rs7955502	A	C	4	0.1773	0.7372	1.0776	1.042	0.0087	74.24
7	52985234	rs4947759	A	G	4	0.5656	0.7386	0.9716	1.046	0.0008	81.96
4	58878691	rs9312697	A	G	4	0.08658	0.7395	1.068	1.03	0.0054	76.33
4	58908862	rs12511263	A	G	4	0.09352	0.7404	0.9366	0.9696	0.0036	77.82
4	58908498	rs4865328	C	T	4	0.09455	0.7415	1.0674	1.0312	0.0037	77.78
2	210842791	rs4558528	A	T	4	0.02039	0.7428	1.1434	1.0444	0.009	74.09
4	58908183	rs10517438	A	T	4	0.09756	0.7431	1.0668	1.0311	0.0035	77.96
2	210437956	rs7598071	C	G	4	0.0126	0.7435	1.1472	1.0427	0.0078	74.73
8	4089879	rs7838274	A	T	4	0.653	0.7436	0.9618	0.9192	0.0001	86.06

3	58047511	rs13315037	G	T	4	0.05256	0.7441	0.876	0.9503	0.0051	76.56
4	58906382	rs2090901	C	T	4	0.0984	0.7446	1.0666	1.0304	0.0042	77.25
2	71088630	rs10188275	C	T	4	0.5851	0.7449	0.9588	1.087	0	89.37
4	58903429	rs11735710	A	G	4	0.09578	0.7451	0.9376	0.9711	0.0049	76.71
2	210844923	rs1396831	A	T	4	0.02193	0.7454	1.1402	1.0438	0.0085	74.35
4	58904343	rs17218140	G	T	4	0.09584	0.7454	1.0666	1.0297	0.0049	76.71
2	197749763	rs2697239	C	T	4	0.2502	0.7455	0.8936	0.9242	0.0014	80.63
1	223940235	rs2615060	A	C	4	0.08937	0.7459	1.0729	1.0305	0.0099	73.59
12	2203913	rs11062164	A	C	4	0.4858	0.746	1.075	0.9152	0.0015	80.48
1	95774113	rs1509178	C	T	4	0.9416	0.7462	0.9952	1.054	0.0021	79.62
4	1690348	rs2854917	C	T	4	0.003885	0.7462	1.1135	1.0288	0.0044	77.09
4	58906337	rs2090900	A	C	4	0.1003	0.7463	0.9379	0.9708	0.0044	77.16
12	9923537	rs935537	C	G	4	0.3566	0.7471	0.9656	1.0324	0.0012	81.15
4	58880555	rs11133555	A	G	4	0.09068	0.7472	1.0671	1.0292	0.0052	76.48
4	58905977	rs12648092	A	G	4	0.09064	0.7474	0.9366	0.9709	0.0041	77.4
1	98737348	rs3867319	A	G	4	0.2798	0.7475	0.9295	0.9513	0.0069	75.27
2	210423552	rs10194333	A	C	4	0.01368	0.7479	1.1443	1.0427	0.006	75.9
16	7338996	rs9924010	A	G	4	0.02998	0.7482	1.1293	1.0418	0.008	74.66
4	58903846	rs11727794	A	C	4	0.09784	0.7483	0.938	0.9714	0.0048	76.78
4	58905626	rs12647365	A	G	4	0.09553	0.7487	0.9375	0.9713	0.0045	77.01
4	58905886	rs12648067	A	G	4	0.09327	0.749	0.9371	0.9712	0.0043	77.23
4	58905741	rs12641535	C	T	4	0.09491	0.7495	1.0668	1.0295	0.0044	77.11
12	2204109	rs11062165	C	T	4	0.4834	0.7501	1.0752	0.917	0.0016	80.35
4	3505974	rs2073503	C	G	4	0.07667	0.7503	1.0697	1.0265	0.0119	72.64
11	103266219	rs11601578	C	T	4	0.2944	0.7507	1.0409	1.0336	0.0005	82.91
1	166081092	rs204262	A	G	4	0.08687	0.7519	1.074	1.0332	0.0024	79.23
1	152423714	rs11265251	C	T	4	0.5438	0.7525	1.0223	0.9681	0.0003	84.27
8	4112508	rs17069790	A	G	4	0.6707	0.7529	1.0315	1.0615	0.0011	81.33
2	172559748	rs6752812	A	C	4	0.9034	0.7539	0.9955	1.0357	0.0001	86.15
2	134739376	rs6735741	A	G	4	0.06675	0.7541	0.8496	0.9362	0.0085	74.33
2	210430270	rs13010864	A	G	4	0.01084	0.7542	0.8678	0.9595	0.0058	76.01
4	1691146	rs2854916	A	G	4	0.004227	0.7543	1.1125	1.0279	0.0045	77.07
4	151134607	rs6823080	A	C	4	0.3259	0.7544	1.0467	0.9633	0.0018	80.07
7	107410778	rs2701039	A	G	4	0.05956	0.7544	1.0691	1.0243	0.0132	72.08
9	91833463	rs497510	G	T	4	0.03688	0.7546	1.0748	1.0247	0.0075	74.94
3	178817943	rs9825151	C	T	4	0.0522	0.7556	1.0709	1.0328	0.0001	85.49
1	154345707	rs915180	C	T	4	0.2069	0.756	0.9544	0.9729	0.0038	77.65

2	134741186	rs3791276	A	C	4	0.06007	0.757	0.8456	0.9382	0.0104	73.34
3	24671288	rs6793060	A	G	4	0.09516	0.7579	1.0595	1.0241	0.0086	74.31
15	51234395	rs7181898	A	G	4	0.3311	0.7582	1.0405	0.9627	0.0001	86.09
19	17338318	rs7248564	C	T	4	0.1615	0.7587	1.0521	1.029	0.0027	78.84
12	2204705	rs7312354	C	T	4	0.4478	0.7593	1.0817	0.9209	0.0019	79.86
6	153438568	rs9397585	C	T	4	0.2686	0.7597	1.0418	1.0297	0.0011	81.24
1	75093605	rs12120668	C	G	4	0.7248	0.76	0.9872	1.0277	0.003	78.42
2	71089580	rs10179209	A	G	4	0.5359	0.76	0.9522	1.0824	0	89.15
2	172475093	rs6727017	A	T	4	0.9501	0.761	1.0024	1.0349	0.0001	85.71
4	58908044	rs11133558	A	G	4	0.1068	0.7612	1.065	1.0285	0.0039	77.54
2	210433939	rs9631001	C	T	4	0.01243	0.7613	0.8714	0.9613	0.0066	75.49
2	210437244	rs9973787	A	G	4	0.01328	0.7614	0.8725	0.9616	0.0071	75.17
2	210844857	rs1396830	A	G	4	0.02344	0.7619	0.8773	0.9605	0.0084	74.43
2	210478772	rs11688226	C	T	4	0.01299	0.763	0.8709	0.9619	0.0079	74.71
7	107409524	rs2237702	A	G	4	0.09304	0.764	0.9429	0.9766	0.0081	74.6
2	210480528	rs11694132	A	G	4	0.01305	0.7645	0.871	0.9621	0.0078	74.74
7	107409386	rs2237701	A	G	4	0.09373	0.7645	1.0605	1.0239	0.0081	74.56
1	95781532	rs678378	A	G	4	0.9048	0.7653	0.992	1.0507	0.0019	79.86
4	1700924	rs798761	A	G	4	0.003869	0.7658	1.1146	1.027	0.0039	77.58
5	159147091	rs2116732	A	G	4	0.8475	0.7669	0.9718	1.108	0.0029	78.53
2	210454100	rs17748818	C	T	4	0.01409	0.7679	0.8724	0.9625	0.0073	75.07
12	9937319	rs576601	A	C	4	0.4146	0.7681	0.9691	1.03	0.0011	81.26
1	95771471	rs12141480	C	G	4	0.8885	0.7682	0.9908	1.0497	0.0018	80.07
11	109527367	rs12362273	A	C	4	0.5868	0.769	1.0226	0.9662	0.0002	84.82
7	136933752	rs706567	C	T	4	0.155	0.7691	1.1227	1.0633	0.0015	80.6
2	71088542	rs10196871	A	G	4	0.4477	0.7692	1.0614	0.9273	0	89.1
12	2206430	rs2239031	G	T	4	0.4368	0.7696	0.9231	1.0812	0.0021	79.63
3	54693761	rs515920	C	T	4	0.3207	0.7699	0.9656	1.0279	0.0007	82.33
9	86066135	rs4877830	G	T	4	0.05632	0.7704	1.1243	1.0538	0.0002	84.97
2	210481545	rs6739769	C	T	4	0.0135	0.7708	0.8715	0.963	0.0077	74.84
3	24627817	rs17014951	A	G	4	0.187	0.7712	1.0552	1.0271	0.0064	75.64
4	58882568	rs1522096	A	G	4	0.1086	0.7716	0.9403	0.9742	0.0046	76.92
10	61813354	rs7895653	C	T	4	0.03916	0.7716	0.9132	1.0349	0.0011	81.24
4	1707300	rs11248073	C	T	4	0.00475	0.7718	0.8965	0.9734	0.0033	78.16
3	54720595	rs652424	C	T	4	0.2593	0.7756	1.0418	1.0258	0.0023	79.33
1	95769656	rs12136757	C	T	4	0.8492	0.7757	0.9876	1.0478	0.0017	80.15
18	6392126	rs9965853	C	T	4	0.08456	0.7757	1.0636	1.023	0.0078	74.76

3	54722284	rs589281	C	T	4	0.2623	0.7758	1.0416	1.0258	0.0022	79.46
6	68836202	rs12664094	C	T	3	0.1258	0.7761	1.2687	1.1131	0.0058	80.6
8	134282867	rs2977527	A	G	4	0.3117	0.7765	0.9619	0.9738	0.0029	78.55
4	1712577	rs1530588	A	G	4	0.00587	0.7772	1.1143	1.027	0.0032	78.25
2	210438805	rs9973848	A	G	4	0.01604	0.7777	0.8759	0.9641	0.0067	75.43
2	134742338	rs3791278	A	G	4	0.1038	0.7794	1.1638	1.0625	0.0091	74.01
2	210437762	rs7595063	A	C	4	0.01621	0.7798	1.1415	1.037	0.0066	75.52
12	115328821	rs17581242	G	T	4	0.1252	0.7801	1.0787	1.0361	0.0015	80.59
1	95757654	rs881713	A	G	4	0.8826	0.7803	0.9904	1.0469	0.0015	80.49
2	210439257	rs9973317	C	T	4	0.01635	0.7805	0.8762	0.9645	0.0066	75.49
20	39687101	rs6124365	A	C	3	0.3244	0.7805	0.8295	0.8495	0.0023	83.56
15	51189302	rs17545046	A	G	4	0.02282	0.7814	1.1171	1.0357	0.0011	81.4
11	109524916	rs10891068	A	G	4	0.5284	0.7832	0.9743	1.0333	0.0001	85.23
18	6394347	rs12961587	A	G	4	0.0484	0.7843	1.0732	1.023	0.005	76.66
1	154344873	rs915179	A	G	4	0.2118	0.7844	0.9559	0.9765	0.0038	77.69
8	105323016	rs2511586	A	G	4	0.2009	0.7852	0.9518	0.9766	0.0073	75.04
6	104916776	rs156126	C	T	4	0.9608	0.7859	0.9978	0.969	0.001	81.45
3	24682368	rs7644196	C	G	4	0.1319	0.7881	1.0545	1.0217	0.0071	75.19
2	210425175	rs13013030	C	G	4	0.01613	0.7888	0.8763	0.9652	0.005	76.61
6	33106784	rs9277029	C	T	4	0.1818	0.7889	1.0548	1.0237	0.0114	72.88
3	24656887	rs9817530	A	G	4	0.0693	0.7902	0.9386	0.979	0.0064	75.59
3	24683878	rs6767967	A	G	4	0.1439	0.7917	1.0524	1.0213	0.0064	75.6
11	109525001	rs10891069	C	T	4	0.4984	0.7928	1.0279	0.9693	0.0001	85.49
20	5210168	rs4580454	C	G	4	0.009679	0.793	0.9136	0.977	0.0018	80.1
6	153444523	rs9478386	A	G	4	0.1621	0.7936	1.0507	1.0207	0.0089	74.11
15	51190404	rs11858823	A	G	4	0.0138	0.7938	1.1141	1.0315	0.0007	82.35
2	210427142	rs2159747	C	T	4	0.01736	0.7949	1.1402	1.035	0.0053	76.42
6	29937545	rs2517830	G	T	2	0.007143	0.7952	1.3525	1.1004	0.0137	83.54
18	6392671	rs12969887	A	C	4	0.07057	0.7952	1.0662	1.0214	0.0056	76.2
12	2212678	rs7135319	A	G	4	0.4608	0.7953	0.9252	1.0733	0.0017	80.19
6	153444391	rs9479502	C	T	4	0.1628	0.7954	1.0506	1.0205	0.0089	74.11
20	39646291	rs6129876	A	G	3	0.3787	0.796	1.1757	1.1628	0.0019	84.02
2	210787411	rs16844213	C	T	4	0.01841	0.7961	1.1444	1.0358	0.0062	75.79
20	39634949	rs6093497	A	G	3	0.375	0.7966	0.8496	0.8603	0.0019	84.09
2	111309077	rs13417566	A	C	4	0.1299	0.7968	0.9449	1.0255	0.001	81.58
3	24666213	rs4452272	C	T	4	0.08965	0.797	0.942	0.9793	0.0055	76.29
6	153444170	rs10872698	A	G	4	0.1662	0.7973	0.9522	0.9802	0.0092	73.95

8	134283373	rs4382455	A	C	4	0.3472	0.7974	0.9645	0.9758	0.0022	79.44
12	97115342	rs7980332	A	C	4	0.2631	0.7974	1.0627	0.9647	0.0009	81.86
6	104920459	rs271880	A	G	4	0.9963	0.7978	0.9998	1.0303	0.001	81.6
4	8631852	rs2270269	C	T	4	0.02629	0.7987	1.0824	1.0196	0.0131	72.13
8	4089356	rs1504769	C	T	4	0.7563	0.7987	0.9731	0.9345	0.0001	86.55
20	55492405	rs6099650	C	T	4	0.1498	0.7991	0.951	0.9792	0.0041	77.35
1	95758927	rs11165434	G	T	4	0.8253	0.7996	1.0146	0.9588	0.0014	80.64
2	210788369	rs13415601	A	T	4	0.01844	0.8003	1.145	1.0351	0.0062	75.78
3	117029070	rs2918217	C	T	4	0.02676	0.8009	0.8934	0.9717	0.01	73.56
2	210429691	rs7579121	C	T	4	0.01819	0.8017	1.1398	1.0338	0.0054	76.29
9	86111098	rs10868141	C	T	4	0.1418	0.8018	0.9132	0.9573	0.0003	84.16
1	95765051	rs12135050	A	G	4	0.7954	0.8025	0.9831	1.0425	0.0015	80.57
4	189573141	rs178329	A	G	4	0.2595	0.8028	1.0516	1.0255	0.0085	74.35
2	210816047	rs263666	A	G	4	0.01775	0.8039	0.8685	0.9662	0.0074	74.99
3	24661552	rs9843745	A	G	4	0.09123	0.8041	0.9423	0.9803	0.0064	75.6
4	8631775	rs2270270	C	G	4	0.02718	0.8054	1.0819	1.0189	0.0128	72.24
3	60013318	rs212041	G	T	4	0.6456	0.8055	1.0281	0.9617	0.0008	82.19
2	210781582	rs1509572	A	T	4	0.01886	0.806	1.1445	1.0341	0.0063	75.72
6	104917442	rs13219556	C	T	4	0.9795	0.806	1.0011	0.9721	0.0011	81.41
3	60013621	rs212039	C	T	4	0.6471	0.8064	1.0281	0.9617	0.0008	82.17
2	210775646	rs263680	A	G	4	0.017	0.8072	1.1478	1.0338	0.0067	75.44
20	39586586	rs16985881	A	G	3	0.3996	0.8072	0.8566	0.8663	0.0017	84.33
20	39585961	rs16985879	C	T	3	0.4021	0.808	1.1664	1.1535	0.0017	84.31
20	39591123	rs6102451	A	G	3	0.4021	0.808	1.1664	1.1535	0.0017	84.31
2	210771597	rs263681	C	G	4	0.01738	0.8083	1.1466	1.0336	0.0066	75.52
6	33114200	rs9277053	A	G	4	0.199	0.8083	0.9499	0.9787	0.0095	73.83
2	107922950	rs6734993	C	T	4	0.1748	0.8084	0.9406	0.9745	0.0039	77.53
1	202838673	rs10900601	A	G	4	0.09013	0.8087	1.068	1.0197	0.0186	69.97
2	210427017	rs2191909	C	G	4	0.01826	0.8087	0.878	0.9681	0.0046	76.95
2	210777256	rs1509568	C	T	4	0.0191	0.8089	0.8745	0.9676	0.006	75.9
6	33106216	rs9277027	A	G	4	0.1966	0.809	1.053	1.0216	0.01	73.55
8	134284294	rs2977530	A	G	4	0.3974	0.809	0.9682	0.977	0.0018	80.01
10	124083263	rs10887132	C	T	4	0.06599	0.809	0.9236	0.9727	0.0007	82.27
3	11452387	rs7623889	C	T	4	0.153	0.8093	1.127	1.0427	0.0134	71.98
11	109531136	rs584008	C	T	4	0.595	0.8093	1.0222	0.9721	0.0002	84.54
1	55471611	rs10788998	A	G	4	0.1337	0.8094	0.9409	0.9799	0.0196	69.65
1	202873597	rs4951084	C	G	4	0.02202	0.8103	1.1024	1.0234	0.0069	75.27

21	19396021	rs8129059	C	T	3	0.3133	0.8104	0.9595	1.0324	0.0002	88.45
2	111314462	rs1533295	A	G	4	0.07786	0.8113	0.936	0.9804	0.0099	73.62
3	24678903	rs11928551	G	T	4	0.108	0.8115	1.0578	1.0196	0.0053	76.43
2	111308878	rs2175824	G	T	4	0.1152	0.8117	1.0607	0.977	0.001	81.51
4	189571191	rs12504780	C	T	4	0.3018	0.8121	0.9555	0.9758	0.006	75.9
2	210425771	rs7584039	C	T	4	0.01867	0.8124	1.1385	1.0323	0.0045	77.02
10	124083189	rs10887131	C	G	4	0.06732	0.8126	0.924	0.9732	0.0007	82.35
6	104918438	rs156123	A	G	4	0.9556	0.8128	1.0024	0.9731	0.0011	81.31
3	178817999	rs9880740	A	G	4	0.06407	0.8131	1.0674	1.0247	0.0001	85.37
1	152525899	rs1760802	C	G	4	0.4319	0.8135	1.0284	0.9789	0.0017	80.13
1	152512136	rs1194593	A	G	4	0.4361	0.8143	1.0281	0.9791	0.0018	79.96
12	2196442	rs10848641	C	T	4	0.3548	0.8148	1.1005	0.9399	0.0024	79.19
2	210762844	rs1155845	C	T	4	0.01715	0.8156	1.1476	1.0323	0.0068	75.39
12	2212897	rs7305301	C	G	4	0.5435	0.8159	0.94	1.064	0.0016	80.28
12	2201258	rs12228890	A	C	4	0.3652	0.8164	1.0979	0.9406	0.0025	79.1
1	152509739	rs1044013	C	T	4	0.4211	0.8168	1.0288	0.9795	0.0018	80.03
2	210826582	rs6716836	A	G	4	0.009598	0.8181	1.1846	1.0346	0.0119	72.65
6	154734212	rs9397710	A	C	4	0.2312	0.8182	0.9089	0.9575	0.0044	77.15
7	5295742	rs6959643	A	T	4	0.1594	0.8182	1.0519	0.9796	0.0022	79.48
7	26507861	rs7811868	A	G	4	0.1835	0.8186	1.0498	0.9799	0.0032	78.27
12	2196430	rs10848640	C	G	4	0.3484	0.8187	0.9075	1.0623	0.0025	79.02
3	113068623	rs17424938	A	G	4	0.6522	0.819	1.0228	0.9727	0.0028	78.7
3	24690109	rs1984874	C	T	4	0.05767	0.8194	1.0685	1.0206	0.0015	80.61
11	109524141	rs653992	C	T	4	0.5113	0.8198	1.0265	0.9747	0.0003	84.31
2	111312209	rs12463526	A	G	4	0.1028	0.8205	1.0621	0.9789	0.0016	80.32
14	94394040	rs11160216	A	G	3	0.2561	0.8205	1.1185	1.0776	0.0009	85.75
12	2196239	rs11062158	C	T	4	0.342	0.8213	1.1033	0.9422	0.0026	78.99
2	29141613	rs12620307	A	G	4	0.2099	0.8215	0.95	0.9804	0.0137	71.88
2	29141728	rs12714260	C	G	4	0.2076	0.8217	1.0529	1.0199	0.0139	71.8
3	24686017	rs6770162	A	G	4	0.15	0.8218	0.9506	0.9815	0.0045	77.03
2	29141212	rs10182566	C	T	4	0.1703	0.822	0.945	0.98	0.0118	72.69
3	24683078	rs17787397	C	T	4	0.1396	0.8225	1.0535	1.0183	0.0063	75.66
6	154734269	rs9371793	C	T	4	0.2423	0.8251	1.0978	1.0427	0.0041	77.35
6	154739604	rs7744573	C	T	4	0.2373	0.8257	0.9115	0.9601	0.0046	76.93
11	109524562	rs694974	C	T	4	0.4755	0.826	1.0289	0.9755	0.0002	84.47
6	154732717	rs9397709	C	T	4	0.2433	0.8266	1.098	1.0425	0.0042	77.33
2	210826755	rs6760874	C	T	4	0.02543	0.827	0.8793	0.9703	0.0056	76.18

2	71089555	rs10189222	C	T	3	0.1246	0.8271	0.8497	1.0953	0	92.05
1	202846320	rs898386	A	G	4	0.08388	0.8294	1.0682	1.0182	0.0106	73.25
3	178825162	rs1875102	C	T	4	0.07828	0.8302	1.064	1.0224	0.0001	85.42
3	24675281	rs2362754	C	G	4	0.09812	0.8313	0.9443	0.9824	0.0034	78.01
6	154735267	rs9383704	A	G	4	0.2472	0.8313	1.0961	1.0412	0.0039	77.59
6	154735871	rs9384206	C	T	4	0.2453	0.8314	1.0968	1.0409	0.0042	77.27
11	109525740	rs602189	A	G	4	0.508	0.8315	0.972	1.0257	0.0003	84.06
21	19398897	rs1475897	A	G	3	0.3314	0.8317	1.0403	0.9725	0.0002	88.26
6	154735852	rs9371795	C	T	4	0.2513	0.8328	1.0952	1.0407	0.004	77.45
6	153441972	rs9479499	A	T	4	0.1964	0.833	0.9553	0.9833	0.0071	75.18
6	153442739	rs10872697	G	T	4	0.1964	0.833	0.9553	0.9833	0.0071	75.18
6	154734121	rs9384205	C	T	4	0.2547	0.8364	0.9131	0.9613	0.0037	77.73
11	109526143	rs683593	A	C	4	0.4623	0.8364	1.0298	0.9769	0.0002	84.58
2	210810084	rs13009758	C	T	4	0.02463	0.8365	1.1372	1.029	0.0051	76.58
15	51214304	rs17545312	A	G	4	0.04732	0.8383	0.9137	0.9742	0.0003	84.13
5	40665104	rs11739531	C	T	4	0.02608	0.8384	0.922	0.9831	0.006	75.88
15	51322236	rs17628504	A	G	4	0.1939	0.8386	0.9387	1.0287	0.0003	84.12
1	55481326	rs12063029	A	G	4	0.1453	0.8388	1.0625	1.0178	0.0188	69.93
2	111318413	rs10180446	C	G	4	0.09094	0.839	1.0649	1.0171	0.0088	74.16
11	109527592	rs581464	G	T	4	0.4531	0.8411	1.0304	0.9776	0.0002	84.54
6	154740453	rs6557347	C	T	4	0.2416	0.8414	0.9126	0.964	0.0051	76.57
4	183403974	rs7656126	G	T	3	0.1844	0.842	1.0554	1.0225	0.0022	83.71
3	24680225	rs9812637	A	G	4	0.1152	0.8425	0.9465	0.9838	0.0046	76.98
11	109527801	rs2846615	C	T	4	0.447	0.8425	1.0308	0.9777	0.0002	84.58
3	24690139	rs1984870	G	T	4	0.06693	0.8429	1.0661	1.0181	0.0012	81.13
3	176290623	rs1463524	C	T	4	0.3026	0.8442	0.9642	1.0173	0.0025	79.1
7	52977371	rs1689299	A	T	4	0.3638	0.8458	0.9557	1.0261	0.001	81.53
6	104920190	rs17458588	C	T	4	0.9588	0.846	0.9977	1.0231	0.0008	82.17
11	109526092	rs600421	G	T	4	0.4145	0.847	0.9682	1.0221	0.0002	84.78
11	109528374	rs622822	G	T	4	0.4381	0.8477	0.9695	1.0219	0.0002	84.46
2	210745449	rs263675	A	G	4	0.02216	0.8479	0.8754	0.974	0.0067	75.43
4	109392362	rs931771	C	T	4	0.07874	0.8482	1.073	1.0171	0.0095	73.81
1	152505007	rs1194596	A	G	4	0.3581	0.8493	1.0327	0.9833	0.0018	80.02
11	115317381	rs1145180	A	G	4	0.2206	0.8494	0.9566	0.9842	0.0058	76.05
21	29929217	rs2245338	C	T	4	0.5248	0.8535	1.0343	0.9699	0	87.2
2	111320584	rs1554006	A	G	4	0.07623	0.8543	1.0716	1.0163	0.0072	75.11
11	109528838	rs665013	C	T	4	0.4176	0.8553	0.9682	1.0208	0.0002	84.52

2	111321113	rs13019266	C	T	4	0.1067	0.8558	0.9412	0.985	0.0094	73.84
8	135108870	rs16905053	A	T	4	0.2066	0.8569	0.9389	0.9782	0.0025	79.06
15	51195790	rs12442241	A	T	4	0.06282	0.8596	0.9127	0.9775	0.0008	82.14
6	30040979	rs3873283	A	G	4	0.2007	0.8603	1.0681	1.02	0.0082	74.52
1	202845996	rs898387	A	G	4	0.09986	0.8609	0.9391	0.9852	0.009	74.1
3	54683416	rs517729	A	G	4	0.1922	0.8614	0.9554	1.0161	0.001	81.6
2	210508108	rs10200921	A	G	4	0.1408	0.8615	1.0818	0.9772	0.0037	77.79
11	109529896	rs633410	C	T	4	0.4375	0.8617	0.9695	1.0198	0.0003	84.29
1	214171639	rs646576	A	G	3	0.2974	0.8622	0.9507	1.029	0	90.04
15	51214080	rs17627721	G	T	4	0.04767	0.8624	0.9137	0.9778	0.0002	84.41
3	59364649	rs4679546	A	C	4	0.06769	0.8626	1.0814	1.0161	0.0143	71.61
6	104923637	rs1417665	C	T	4	0.8954	0.8634	0.9943	1.0206	0.0007	82.36
6	104924468	rs17459015	C	T	4	0.8907	0.8634	0.994	1.0205	0.0007	82.22
2	181898803	rs17198619	G	T	4	0.1114	0.8673	0.903	0.9706	0.0006	82.67
2	111323872	rs7576541	C	T	4	0.1142	0.8679	1.0611	1.0141	0.0085	74.35
2	151933334	rs10432476	C	T	4	0.08342	0.8679	1.0642	1.013	0.0118	72.67
6	154741048	rs7746647	A	T	4	0.2842	0.8682	1.0843	1.0303	0.0047	76.89
8	4075094	rs17069640	G	T	4	0.8613	0.8688	1.0162	1.0395	0.0014	80.78
2	151932585	rs3771895	A	G	4	0.08528	0.8696	1.0638	1.0128	0.0121	72.54
2	111311960	rs12463442	A	G	4	0.09849	0.8712	1.0634	0.985	0.0021	79.62
11	109529837	rs649847	C	G	4	0.4063	0.872	0.9674	1.0184	0.0002	84.54
6	30040645	rs9260734	A	G	4	0.2212	0.8729	0.9393	0.9821	0.0073	75.03
20	10167799	rs363012	A	G	4	0.4392	0.8735	0.9715	1.0168	0.0005	83.11
2	111323062	rs9917154	C	G	4	0.1184	0.8749	0.9431	0.9868	0.0084	74.43
11	109530847	rs585334	A	G	4	0.4035	0.8752	0.9672	1.0179	0.0002	84.44
6	104904271	rs17517558	A	C	4	0.8324	0.8771	1.0093	0.9817	0.0006	82.78
6	104904758	rs156153	A	G	4	0.8324	0.8771	1.0093	0.9817	0.0006	82.78
6	104905700	rs156151	C	G	4	0.8356	0.8772	0.9909	1.0186	0.0006	82.71
6	104912555	rs155510	G	T	4	0.8202	0.8805	0.9901	1.0181	0.0006	82.68
2	111315753	rs10210955	C	G	4	0.02706	0.8809	0.9258	0.9875	0.0033	78.11
5	40682317	rs7716982	G	T	4	0.0291	0.881	0.9234	0.9873	0.0048	76.76
8	134285128	rs753722	C	G	4	0.4431	0.8814	0.9712	0.9854	0.0012	81.03
11	109531670	rs679264	A	G	4	0.3886	0.8825	1.035	0.9835	0.0002	84.39
11	109531787	rs678835	C	T	4	0.3875	0.8835	0.9661	1.0166	0.0003	84.36
8	135109347	rs16905054	A	G	4	0.2427	0.8836	1.0601	1.0184	0.0019	79.82
11	109532396	rs17110877	A	G	4	0.3804	0.8873	1.0356	0.9842	0.0003	84.36
6	104891512	rs270678	C	T	4	0.7612	0.8887	0.9868	1.0168	0.0006	82.61

4	189571301	rs12504808	C	T	4	0.3784	0.8888	0.9617	0.9851	0.0037	77.71
3	172708739	rs7651813	A	G	4	0.3599	0.89	1.0387	1.0142	0.0023	79.31
15	51194001	rs690535	G	T	4	0.04594	0.8902	1.095	1.0177	0.0003	83.83
5	40683520	rs6882769	C	T	4	0.06214	0.8916	0.933	0.989	0.0109	73.12
20	10827336	rs4346455	C	T	4	0.2483	0.8935	0.9602	0.9889	0.0043	77.23
13	100537995	rs4265682	G	T	4	0.3424	0.8953	1.0355	1.012	0.0023	79.29
15	51238288	rs11070957	G	T	4	0.06851	0.8989	0.9204	0.9833	0.0002	85.17
3	24682097	rs7643926	C	T	4	0.07209	0.8993	1.0665	1.0103	0.0071	75.2
5	40693709	rs7730020	C	T	4	0.03208	0.8995	1.0814	1.0109	0.0044	77.11
6	68815788	rs9445968	G	T	3	0.286	0.9001	1.1777	1.0532	0.0018	84.14
8	14915797	rs7817295	A	T	4	0.04377	0.9007	0.9312	0.989	0.002	79.75
11	109540511	rs1026607	A	G	4	0.4101	0.9007	1.0334	0.9859	0.0002	84.65
11	109540472	rs1026608	A	G	4	0.4115	0.9013	1.0333	0.986	0.0002	84.61
3	30365684	rs977305	A	G	4	0.3905	0.9016	1.0323	0.9886	0.0018	79.97
11	109538856	rs621672	C	T	4	0.3799	0.9025	1.0357	0.9863	0.0002	84.38
3	30362570	rs12634878	A	G	4	0.386	0.9026	1.0324	0.9888	0.002	79.75
15	51240801	rs10518706	C	T	4	0.06925	0.9042	0.9206	0.9841	0.0001	85.24
2	232078303	rs4449121	A	C	4	0.3988	0.9044	0.9447	0.9778	0.0003	84.25
3	24691768	rs2362756	G	T	4	0.09052	0.9066	1.0615	1.0108	0.0011	81.25
11	109533247	rs3017769	A	G	4	0.3679	0.9066	0.9647	1.0133	0.0002	84.43
4	109416443	rs11725852	C	T	4	0.04638	0.908	1.0815	1.0105	0.0058	76.02
7	52974032	rs11769082	C	T	4	0.2264	0.9082	1.0634	0.9855	0.0027	78.81
11	109538447	rs622192	A	T	4	0.361	0.9097	0.9642	1.0129	0.0002	84.39
1	4503964	rs241215	A	T	4	0.2212	0.9109	1.0451	0.9899	0.0016	80.37
15	51245627	rs10518710	C	G	4	0.09016	0.9115	1.0777	1.0132	0.0008	82.11
13	46486944	rs754325	C	T	4	0.155	0.9141	0.9461	0.9909	0.0101	73.5
13	44583847	rs2025418	C	T	4	0.135	0.9164	1.0737	0.988	0.0039	77.6
3	146903072	rs3844271	A	G	4	0.004665	0.9231	0.9007	0.9908	0.0012	81.19
2	210710058	rs2160020	C	T	4	0.04616	0.9261	1.1247	1.0127	0.0089	74.15
6	33124706	rs375912	C	T	4	0.1455	0.9264	0.9463	0.9924	0.0111	73.01
4	109399892	rs3913354	A	T	4	0.04552	0.927	1.0813	1.0083	0.0056	76.16
3	30361864	rs17623772	C	T	4	0.3665	0.9277	1.0338	0.9917	0.0021	79.56
2	232142905	rs10460338	C	T	4	0.582	0.9281	1.035	0.9823	0	87.33
5	172714540	rs4867706	A	G	4	0.3287	0.9294	1.0404	1.0083	0.0063	75.66
15	51225655	rs16965587	G	T	4	0.09787	0.9295	0.9245	0.9879	0.0002	85.17
2	232144608	rs6727830	A	G	4	0.4819	0.9299	0.9567	1.0174	0	86.97
3	30335858	rs9876727	A	C	4	0.1404	0.9304	0.9489	0.9927	0.0047	76.88

3	11219825	rs12493961	A	G	4	0.3063	0.9344	1.1081	0.9794	0.0012	81.01
6	104874894	rs17516082	A	G	4	0.6452	0.9352	1.0203	0.9903	0.0005	83.07
3	30335640	rs9876671	A	G	4	0.1458	0.9356	0.9496	0.9933	0.0045	77.03
2	111316177	rs4849121	A	G	4	0.0336	0.936	0.9296	0.9933	0.0033	78.13
3	30328416	rs6809482	A	G	4	0.1468	0.9382	0.9497	0.9936	0.0049	76.74
3	30330791	rs6781057	G	T	4	0.1468	0.9382	0.9497	0.9936	0.0049	76.74
6	104878861	rs4945639	C	T	4	0.5975	0.9386	1.0233	0.991	0.0007	82.42
2	67716071	rs6726828	G	T	4	0.4616	0.9404	1.0274	1.0069	0.0017	80.15
1	55462173	rs4926672	A	G	4	0.2084	0.9409	1.0525	1.0067	0.0106	73.26
6	104872515	rs17456339	C	T	4	0.625	0.941	1.0215	0.9911	0.0005	83.1
1	4508910	rs241221	C	T	4	0.2141	0.9412	1.0458	0.9938	0.0047	76.9
2	67713993	rs6760893	A	G	4	0.4291	0.9426	1.0292	1.0067	0.0015	80.53
1	55460604	rs11206524	C	T	4	0.2165	0.9427	1.0515	1.0065	0.0102	73.47
3	30323764	rs6549981	C	T	4	0.1495	0.9427	1.0526	1.006	0.0049	76.74
3	30361546	rs7629687	A	T	4	0.2208	0.9435	0.9566	1.0064	0.0021	79.58
3	134947308	rs8177185	A	G	3	0.002635	0.9439	1.3816	0.9707	0.008	79.26
2	67713787	rs17033996	A	G	4	0.4348	0.9454	0.972	0.9936	0.0014	80.68
2	67714314	rs6732490	A	C	4	0.4348	0.9454	0.972	0.9936	0.0014	80.68
3	134947891	rs8177186	G	T	3	0.002491	0.9472	0.7225	1.0283	0.0081	79.24
2	43704094	rs11886047	C	T	4	0.2825	0.9508	0.9539	0.9938	0.005	76.61
1	62513884	rs17123324	A	G	4	0.2039	0.9522	1.2156	1.0231	0.0029	78.62
3	30330534	rs6780847	C	T	4	0.1593	0.9526	0.9512	0.995	0.0044	77.12
6	104880442	rs13197557	A	G	4	0.6012	0.953	1.023	0.993	0.0006	82.69
3	30329364	rs11129397	C	T	4	0.1605	0.9531	1.0512	1.005	0.0043	77.23
2	232140542	rs4340504	A	C	4	0.5325	0.9536	1.04	0.9888	0.0001	86.49
3	134949575	rs4532136	A	G	3	0.002645	0.9536	1.3845	0.9758	0.0082	79.19
8	14907805	rs1125265	C	T	4	0.1336	0.9544	0.9485	0.9953	0.0049	76.72
2	232145603	rs10498258	A	G	4	0.5273	0.9552	1.0396	0.9893	0	86.77
18	21695157	rs8098773	C	T	4	0.4259	0.9566	1.029	1.0048	0.0022	79.48
8	4064166	rs12674947	A	G	4	0.7109	0.9568	0.9665	0.9866	0.0008	82.16
8	135162883	rs1870126	C	T	4	0.2888	0.9574	0.9637	0.9956	0.0038	77.68
3	134917507	rs11715340	A	T	3	0.008424	0.9605	1.3321	0.9788	0.0085	79.03
1	4503184	rs694935	A	T	4	0.1693	0.9612	1.0508	0.9957	0.0024	79.23
2	21281690	rs312052	A	G	4	0.2708	0.9631	0.9554	1.0045	0.0065	75.54
3	30319780	rs1390298	C	T	4	0.1659	0.9637	1.0505	1.0038	0.0049	76.7
8	134275461	rs16893344	C	T	4	0.6407	0.9653	1.0171	0.9955	0.0002	84.66
7	52979122	rs1689304	A	C	4	0.07523	0.9655	1.0794	1.0047	0.0018	80.04

2	232149419	rs13025854	A	C	4	0.4514	0.9669	0.954	0.9922	0.0001	86
18	21693248	rs1626332	A	T	4	0.4634	0.9709	0.9741	0.9967	0.0018	80.01
7	52979766	rs1689306	A	G	4	0.07729	0.9713	1.0788	1.0039	0.0018	80.03
7	53069533	rs1689330	C	G	4	0.09915	0.9722	1.074	1.0035	0.0064	75.59
1	4499103	rs592726	C	T	4	0.126	0.9777	0.9459	0.9976	0.0038	77.65
3	30322459	rs1495578	A	G	4	0.1598	0.9799	0.9508	1.0022	0.0038	77.62
13	44574009	rs4483759	C	G	4	0.08765	0.9802	0.9221	0.9972	0.0056	76.17
4	58886180	rs7435172	C	T	3	0.1433	0.9804	1.0598	1.0027	0.0017	84.34
3	30322358	rs1495579	G	T	4	0.1844	0.981	1.0483	1.002	0.0039	77.58
1	55456607	rs12409699	A	G	4	0.3107	0.9821	0.9584	1.0022	0.0064	75.62
1	55459204	rs17111725	A	G	4	0.2051	0.9832	0.9497	0.998	0.0054	76.32
12	87284400	rs10777108	A	C	4	0.0892	0.9858	1.2084	1.0053	0.0019	79.91
3	30343934	rs7653488	C	T	4	0.2956	0.9861	0.9626	1.0015	0.0035	77.98
1	4497861	rs608492	C	G	4	0.1412	0.9867	1.055	1.0014	0.0036	77.81
2	232148981	rs10182727	A	T	4	0.4446	0.9869	1.0489	1.0031	0.0001	85.72
3	134933123	rs16840751	A	G	3	0.008903	0.9872	1.3262	0.9936	0.0106	78
8	14906737	rs10888094	A	G	4	0.1909	0.9873	1.0472	0.9987	0.0037	77.76
8	14906785	rs10888095	A	C	4	0.138	0.9874	1.0532	1.0013	0.0034	78.07
3	134936517	rs10935083	C	T	3	0.00896	0.9875	1.3317	1.0064	0.0109	77.86
15	51288845	rs17545973	C	T	4	0.1089	0.9877	0.9263	1.002	0.0006	82.61
7	53069854	rs4947777	G	T	4	0.1006	0.9881	1.0737	1.0015	0.0058	76.03
2	232133520	rs6733018	A	G	4	0.5246	0.9885	1.0411	0.9973	0.0001	85.6
8	14907628	rs2012994	A	G	4	0.1925	0.9885	1.047	1.0011	0.0081	74.57
3	134920716	rs4582061	A	G	3	0.009927	0.9888	1.3127	0.9945	0.012	77.39
3	134920291	rs16840699	C	T	3	0.01004	0.989	0.7621	1.0055	0.0122	77.32
1	55456395	rs6668777	A	C	4	0.3092	0.9891	0.9591	1.0013	0.0045	77.05
2	232134007	rs12993888	A	G	4	0.5001	0.9893	1.0434	0.9975	0.0001	85.92
3	134920954	rs11717407	A	G	3	0.009699	0.9902	0.7612	1.0048	0.012	77.4
3	134921034	rs9847885	C	T	3	0.009699	0.9902	0.7612	1.0048	0.012	77.4
1	202851008	rs2045624	C	G	4	0.258	0.9904	0.9584	1.001	0.0056	76.15
8	82122134	rs2127938	C	T	4	0.01483	0.9909	0.8297	0.9978	0.0036	77.88
1	55457932	rs7529366	A	G	4	0.2588	0.9912	1.0474	1.0011	0.0051	76.53
3	24691672	rs2362755	G	T	4	0.1617	0.9921	1.0505	0.9992	0.0046	76.98
7	52978744	rs1919945	C	T	4	0.08493	0.9928	0.9197	0.9989	0.0031	78.41
8	82124010	rs11986666	A	C	4	0.01805	0.9928	1.1965	0.9983	0.0036	77.85
1	4508064	rs241220	A	G	4	0.1431	0.993	1.0538	1.0007	0.0039	77.59
8	82125199	rs4585701	C	T	4	0.01881	0.994	1.1913	0.9986	0.0035	77.99

15	51305758	rs7168646	A	G	4	0.08202	0.9941	0.9241	1.001	0.0003	84.19
2	232130501	rs1797392	C	T	4	0.5173	0.9948	0.9598	1.0012	0.0001	85.58
8	134268958	rs16904845	C	T	4	0.5211	0.995	0.9753	1.0006	0.0008	82.05
6	95082112	rs1235830	C	T	4	0.1997	0.9957	1.0648	0.9994	0.0043	77.24
1	4500481	rs542688	C	G	4	0.1442	0.9964	0.9483	1.0004	0.0032	78.24
7	26498670	rs757393	C	T	4	0.1213	0.9982	0.9441	0.9998	0.0074	74.99
3	30348345	rs9841664	C	T	4	0.2584	0.9988	1.0421	1.0001	0.0048	76.75
3	134952715	rs8177203	A	G	4	0.0551	0.9988	0.8514	1.0004	0.0015	80.52
2	232122582	rs1797386	C	T	4	0.242	0.9994	0.9243	1.0001	0.0007	82.4