

Marker	Chromosome	Position	dbSNP RS ID	Associated Gene	Cytoband	Minor Allele Freq.	HWE P
SNP_A-8403040	1	2013924	rs2459994	PRKCZ	p36.33	0.209	0.089
SNP_A-1908463	1	2017761	rs7513222	PRKCZ	p36.33	0.346	0.876
SNP_A-8654028	1	2023116	rs908742	PRKCZ	p36.33	0.347	0.680
SNP_A-8581056	1	2030758	rs4648807	PRKCZ	p36.33	0.413	0.337
SNP_A-1955996	1	2037444	rs3107146	PRKCZ	p36.33	0.122	0.295
SNP_A-2131370	1	2051829	rs3107157	PRKCZ	p36.33	0.418	0.635
SNP_A-2203009	1	2059541	rs3753242	PRKCZ	p36.33	0.071	0.080
SNP_A-8631231	1	2061598	rs3128298	PRKCZ	p36.33	0.088	0.793
SNP_A-8351773	1	2063964	rs12026349	PRKCZ	p36.33	0.104	0.309
SNP_A-8438441	1	2064928	rs451061	PRKCZ	p36.33	0.387	0.429
SNP_A-2098546	1	2067269	rs385039	PRKCZ	p36.33	0.284	0.868
SNP_A-8385581	1	2071502	rs3107126	PRKCZ	p36.33	0.105	0.175
SNP_A-8404055	1	2072349	rs262669	PRKCZ	p36.33	0.388	0.295
SNP_A-8317896	1	2072426	rs2257182	PRKCZ	p36.33	0.398	0.069
SNP_A-2264565	1	2094841	rs262641	PRKCZ	p36.33	0.282	0.418
SNP_A-1788728	1	2095738	rs3128309	PRKCZ	p36.33	0.099	0.668
SNP_A-4250389	1	2100120	rs626479	PRKCZ	p36.33	0.281	0.801
SNP_A-8710152	1	27556983	rs4970520	MAP3K6	p36.11	0.210	0.397
SNP_A-8676195	1	27562884	rs4075731	MAP3K6	p36.11	0.361	0.413
SNP_A-8379006	1	56895055	rs2143749	PRKAA2	p32.2	0.354	0.778
SNP_A-1946127	1	56899238	rs2746349	PRKAA2	p32.2	0.499	0.520
SNP_A-1900762	1	56899463	rs2796529	PRKAA2	p32.2	0.147	0.138
SNP_A-2130663	1	56899507	rs2746347	PRKAA2	p32.2	0.124	0.345
SNP_A-8418742	1	56900427	rs2796528	PRKAA2	p32.2	0.173	0.122
SNP_A-4202067	1	56903176	rs2796519	PRKAA2	p32.2	0.472	0.964
SNP_A-1832915	1	56905582	rs10889008	PRKAA2	p32.2	0.451	0.840
SNP_A-8409936	1	56911958	rs2746339	PRKAA2	p32.2	0.469	0.192
SNP_A-8438724	1	56917661	rs2092595	PRKAA2	p32.2	0.470	0.156
SNP_A-2000072	1	56922085	rs2796512	PRKAA2	p32.2	0.475	0.161
SNP_A-1960148	1	56925602	rs7515414	PRKAA2	p32.2	0.443	0.654
SNP_A-8345751	1	56930881	rs7419053	PRKAA2	p32.2	0.442	0.891
SNP_A-8347257	1	56950377	rs857147	PRKAA2	p32.2	0.482	0.074
SNP_A-2222110	1	84323437	rs6701486	PRKACB	p31.1	0.227	0.063
SNP_A-8515179	1	84325194	rs7546625	PRKACB	p31.1	0.162	0.246
SNP_A-8411322	1	84328496	rs6703653	PRKACB	p31.1	0.311	0.187
SNP_A-2102459	1	84329111	rs12405120	PRKACB	p31.1	0.452	0.587
SNP_A-4301860	1	84334853	rs10493750	PRKACB	p31.1	0.457	0.614
SNP_A-2000160	1	84343593	rs2642186	PRKACB	p31.1	0.223	0.052
SNP_A-8527233	1	84357711	rs12724598	PRKACB	p31.1	0.237	0.907
SNP_A-1920852	1	84362717	rs1016379	PRKACB	p31.1	0.232	0.537
SNP_A-2028586	1	84362903	rs12723299	PRKACB	p31.1	0.460	0.063
SNP_A-1789609	1	84363115	rs2139931	PRKACB	p31.1	0.232	0.537
SNP_A-1932323	1	84366987	rs11163905	PRKACB	p31.1	0.460	0.124
SNP_A-8301655	1	84376075	rs2642183	PRKACB	p31.1	0.235	0.494
SNP_A-8536993	1	84377525	rs6576962	PRKACB	p31.1	0.462	0.141
SNP_A-8672434	1	84396892	rs6696125	PRKACB	p31.1	0.452	0.054
SNP_A-8498602	1	84401243	rs12129768	PRKACB	p31.1	0.109	0.252
SNP_A-2289186	1	84421173	rs589373	PRKACB	p31.1	0.111	0.872
SNP_A-4202513	1	84431717	rs6661411	PRKACB	p31.1	0.133	0.754
SNP_A-2094409	1	84435529	rs2134648	PRKACB	p31.1	0.455	0.052
SNP_A-8386970	1	84436778	rs12125649	PRKACB	p31.1	0.053	0.556
SNP_A-2021835	1	84440040	rs603939	PRKACB	p31.1	0.219	0.075
SNP_A-2293326	1	84450848	rs2134646	PRKACB	p31.1	0.450	0.211
SNP_A-2115979	1	145095103	rs11584787	PRKAB2	q21.1	0.262	0.869
SNP_A-8446640	1	145095366	rs1837984	PRKAB2	q21.1	0.425	0.326
SNP_A-1965870	1	145097540	rs2304893	PRKAB2	q21.1	0.075	0.775
SNP_A-8712903	1	145102761	rs6593738	PRKAB2	q21.1	0.425	0.958
SNP_A-1956171	1	145102789	rs6593739	PRKAB2	q21.1	0.384	0.798
SNP_A-8575061	1	145108310	rs3766522	PRKAB2	q21.1	0.247	0.893
SNP_A-2212982	1	204937958	rs4845129	MAPKAPK2	q32.1	0.237	0.768
SNP_A-8701207	1	204938407	rs10863784	MAPKAPK2	q32.1	0.108	0.659
SNP_A-8348404	1	204939110	rs4845130	MAPKAPK2	q32.1	0.227	0.113
SNP_A-4202986	1	204940357	rs17350838	MAPKAPK2	q32.1	0.202	0.842
SNP_A-4290223	1	204940780	rs17350845	MAPKAPK2	q32.1	0.235	0.697
SNP_A-8674898	1	204943515	rs11119342	MAPKAPK2	q32.1	0.232	0.546
SNP_A-8412643	1	204943960	rs12060808	MAPKAPK2	q32.1	0.405	0.158
SNP_A-8448630	1	204944397	rs6691678	MAPKAPK2	q32.1	0.233	0.573
SNP_A-8313470	1	204957058	rs6669284	MAPKAPK2	q32.1	0.325	0.293
SNP_A-8602038	1	204963373	rs4240848	MAPKAPK2	q32.1	0.212	0.053
SNP_A-8362304	1	204964104	rs4607880	MAPKAPK2	q32.1	0.212	0.049
SNP_A-2198036	1	204965675	rs11119385	MAPKAPK2	q32.1	0.324	0.266
SNP_A-8666515	1	207825250	rs17014830	CAMK1G	q32.2	0.188	0.168
SNP_A-8666517	1	207829498	rs11587591	CAMK1G	q32.2	0.312	0.199

SNP_A-2288939	1	207831499	rs7528476	CAMK1G	q32.2	0.323	0.407
SNP_A-2236830	1	207831616	rs7516885	CAMK1G	q32.2	0.189	0.200
SNP_A-8320366	1	207837970	rs9429821	CAMK1G	q32.2	0.378	0.371
SNP_A-8446064	1	207844298	rs17014866	CAMK1G	q32.2	0.146	0.373
SNP_A-8661823	1	207844716	rs2235452	CAMK1G	q32.2	0.152	0.827
SNP_A-8451997	1	207844906	rs2235453	CAMK1G	q32.2	0.150	0.726
SNP_A-8306040	1	207845978	rs12402938	CAMK1G	q32.2	0.150	0.993
SNP_A-8351700	1	207846011	rs2076224	CAMK1G	q32.2	0.263	0.368
SNP_A-2238360	1	207847371	rs760832	CAMK1G	q32.2	0.325	0.678
SNP_A-8630951	1	207847748	rs760833	CAMK1G	q32.2	0.185	0.579
SNP_A-4265019	1	207848451	rs10489339	CAMK1G	q32.2	0.147	0.141
SNP_A-4293077	1	207848966	rs11119314	CAMK1G	q32.2	0.376	0.904
SNP_A-2218232	2	39333719	rs3770675	MAP4K3	p22.1	0.092	0.382
SNP_A-2281853	2	39340050	rs7608958	MAP4K3	p22.1	0.167	0.437
SNP_A-2289659	2	39342336	rs10865148	MAP4K3	p22.1	0.163	0.458
SNP_A-8329880	2	39342942	rs10172736	MAP4K3	p22.1	0.086	0.226
SNP_A-1859895	2	39346789	rs3770670	MAP4K3	p22.1	0.085	0.425
SNP_A-8464261	2	39346825	rs17505544	MAP4K3	p22.1	0.365	0.837
SNP_A-4294761	2	39347701	rs2302749	MAP4K3	p22.1	0.167	0.625
SNP_A-1816658	2	39347973	rs10865149	MAP4K3	p22.1	0.090	0.319
SNP_A-2254407	2	39357195	rs7600014	MAP4K3	p22.1	0.082	0.339
SNP_A-2231943	2	39366439	rs7601700	MAP4K3	p22.1	0.083	0.343
SNP_A-2292431	2	39383380	rs10865150	MAP4K3	p22.1	0.078	0.475
SNP_A-4285622	2	39383640	rs3770664	MAP4K3	p22.1	0.180	0.543
SNP_A-1903005	2	39385585	rs7595469	MAP4K3	p22.1	0.167	0.286
SNP_A-2238618	2	39394518	rs11688352	MAP4K3	p22.1	0.450	0.738
SNP_A-8399053	2	39407880	rs2024514	MAP4K3	p22.1	0.155	0.522
SNP_A-8385013	2	39409448	rs9309036	MAP4K3	p22.1	0.170	0.532
SNP_A-2076719	2	39419076	rs4630750	MAP4K3	p22.1	0.114	0.711
SNP_A-1882720	2	39419339	rs1211996	MAP4K3	p22.1	0.106	0.476
SNP_A-4296109	2	39433881	rs2058863	MAP4K3	p22.1	0.141	0.934
SNP_A-1833820	2	39436950	rs7422651	MAP4K3	p22.1	0.108	0.440
SNP_A-4288549	2	39439768	rs2005892	MAP4K3	p22.1	0.091	0.347
SNP_A-8335477	2	39454226	rs6544221	MAP4K3	p22.1	0.137	0.894
SNP_A-1893857	2	39455393	rs17508058	MAP4K3	p22.1	0.105	0.724
SNP_A-8572875	2	39456220	rs10490305	MAP4K3	p22.1	0.053	0.166
SNP_A-8493114	2	39456454	rs11898704	MAP4K3	p22.1	0.060	0.113
SNP_A-4208015	2	39459421	rs2373530	MAP4K3	p22.1	0.078	0.680
SNP_A-2078677	2	39472170	rs4670932	MAP4K3	p22.1	0.102	0.134
SNP_A-1882862	2	39480959	rs6712274	MAP4K3	p22.1	0.080	0.547
SNP_A-2141736	2	45733626	rs650508	PRKCE	p21	0.277	0.098
SNP_A-8573026	2	45741435	rs666214	PRKCE	p21	0.139	0.454
SNP_A-1843743	2	45752034	rs17033965	PRKCE	p21	0.139	0.312
SNP_A-8488309	2	45755619	rs17033973	PRKCE	p21	0.134	0.763
SNP_A-1916651	2	45755958	rs556650	PRKCE	p21	0.204	0.737
SNP_A-4240771	2	45759450	rs2204204	PRKCE	p21	0.236	0.281
SNP_A-2153368	2	45760818	rs3795863	PRKCE	p21	0.242	0.201
SNP_A-8316145	2	45762141	rs12185636	PRKCE	p21	0.278	0.385
SNP_A-2044493	2	45764120	rs2285024	PRKCE	p21	0.297	0.407
SNP_A-1963021	2	45764396	rs505310	PRKCE	p21	0.399	0.080
SNP_A-8573027	2	45769512	rs547018	PRKCE	p21	0.289	0.371
SNP_A-1963022	2	45769556	rs10490342	PRKCE	p21	0.128	0.940
SNP_A-1963023	2	45777789	rs612717	PRKCE	p21	0.194	0.206
SNP_A-1963024	2	45777848	rs10490341	PRKCE	p21	0.129	0.904
SNP_A-1953213	2	45780894	rs656823	PRKCE	p21	0.196	0.178
SNP_A-2098969	2	45782134	rs563601	PRKCE	p21	0.322	0.995
SNP_A-2184209	2	45783623	rs609573	PRKCE	p21	0.300	0.329
SNP_A-4223110	2	45785550	rs637889	PRKCE	p21	0.328	0.667
SNP_A-8396642	2	45786353	rs642200	PRKCE	p21	0.284	0.521
SNP_A-8440446	2	45788855	rs11677079	PRKCE	p21	0.193	0.115
SNP_A-1841802	2	45797830	rs1522986	PRKCE	p21	0.125	0.557
SNP_A-2187669	2	45797898	rs1522987	PRKCE	p21	0.124	0.560
SNP_A-1907487	2	45799725	rs6724488	PRKCE	p21	0.191	0.154
SNP_A-2194892	2	45800304	rs6725257	PRKCE	p21	0.189	0.204
SNP_A-8349655	2	45800613	rs6728564	PRKCE	p21	0.315	0.523
SNP_A-1963026	2	45807414	rs1464572	PRKCE	p21	0.362	0.594
SNP_A-2028324	2	45811755	rs10201978	PRKCE	p21	0.166	0.297
SNP_A-2166911	2	45813464	rs6743119	PRKCE	p21	0.469	0.914
SNP_A-8424861	2	45816505	rs6740453	PRKCE	p21	0.057	0.991
SNP_A-8458937	2	45817404	rs938659	PRKCE	p21	0.478	0.878
SNP_A-8707406	2	45818458	rs17034088	PRKCE	p21	0.059	0.906
SNP_A-8464919	2	45821800	rs10170642	PRKCE	p21	0.059	0.119
SNP_A-8692923	2	45821961	rs10170750	PRKCE	p21	0.448	0.302
SNP_A-8685544	2	45822684	rs7568380	PRKCE	p21	0.451	0.133

SNP_A-8314466	2	45827640	rs6716268	PRKCE	p21	0.305	0.608
SNP_A-8539881	2	45828359	rs6760916	PRKCE	p21	0.333	0.658
SNP_A-8625740	2	45829924	rs11125030	PRKCE	p21	0.335	0.764
SNP_A-8625225	2	45830086	rs11890554	PRKCE	p21	0.382	0.951
SNP_A-8399918	2	45830257	rs4953245	PRKCE	p21	0.496	0.600
SNP_A-8463542	2	45830976	rs6757543	PRKCE	p21	0.129	0.333
SNP_A-2270737	2	45835424	rs938661	PRKCE	p21	0.438	0.916
SNP_A-8643876	2	45835534	rs867286	PRKCE	p21	0.311	0.569
SNP_A-2249205	2	45836149	rs884400	PRKCE	p21	0.438	0.916
SNP_A-8699515	2	45837022	rs1468042	PRKCE	p21	0.441	0.725
SNP_A-8311894	2	45838890	rs4953247	PRKCE	p21	0.439	0.932
SNP_A-8681838	2	45839363	rs11684301	PRKCE	p21	0.200	0.680
SNP_A-8504792	2	45840123	rs4952769	PRKCE	p21	0.431	0.641
SNP_A-2244510	2	45842527	rs7582320	PRKCE	p21	0.340	0.429
SNP_A-8408275	2	45848267	rs4413199	PRKCE	p21	0.080	0.982
SNP_A-8581574	2	45848685	rs3924521	PRKCE	p21	0.096	0.554
SNP_A-8482745	2	45850161	rs13401638	PRKCE	p21	0.218	0.125
SNP_A-8309551	2	45850713	rs13404751	PRKCE	p21	0.297	0.525
SNP_A-4277706	2	45850915	rs13404973	PRKCE	p21	0.221	0.168
SNP_A-8714505	2	45850930	rs4953252	PRKCE	p21	0.315	0.770
SNP_A-2219885	2	45851023	rs13405086	PRKCE	p21	0.219	0.136
SNP_A-8301976	2	45852579	rs4953253	PRKCE	p21	0.235	0.386
SNP_A-1875937	2	45852620	rs4952771	PRKCE	p21	0.300	0.764
SNP_A-2108482	2	45853323	rs7577273	PRKCE	p21	0.366	0.271
SNP_A-8479487	2	45853990	rs6759058	PRKCE	p21	0.348	0.195
SNP_A-8582710	2	45854287	rs13002562	PRKCE	p21	0.350	0.143
SNP_A-8641157	2	45854929	rs6734661	PRKCE	p21	0.072	0.468
SNP_A-8312164	2	45855664	rs6753292	PRKCE	p21	0.263	0.052
SNP_A-1794832	2	45857497	rs4953254	PRKCE	p21	0.178	0.202
SNP_A-8573028	2	45869139	rs4074080	PRKCE	p21	0.338	0.326
SNP_A-1781277	2	45869355	rs7558342	PRKCE	p21	0.482	0.215
SNP_A-8520228	2	45871106	rs10170073	PRKCE	p21	0.424	0.381
SNP_A-8594886	2	45871727	rs11898074	PRKCE	p21	0.429	0.335
SNP_A-8674210	2	45880405	rs6743144	PRKCE	p21	0.484	0.341
SNP_A-8542134	2	45880921	rs12617104	PRKCE	p21	0.299	0.554
SNP_A-8483671	2	45881611	rs10164633	PRKCE	p21	0.216	0.637
SNP_A-8585356	2	45883745	rs3923011	PRKCE	p21	0.214	0.502
SNP_A-4252437	2	45887102	rs7591885	PRKCE	p21	0.476	0.325
SNP_A-8538858	2	45888916	rs11125033	PRKCE	p21	0.309	0.855
SNP_A-8703923	2	45892305	rs4296473	PRKCE	p21	0.113	0.219
SNP_A-4300528	2	45892651	rs7593800	PRKCE	p21	0.194	0.462
SNP_A-2267629	2	45894297	rs4953262	PRKCE	p21	0.464	0.229
SNP_A-1963027	2	45895982	rs3886870	PRKCE	p21	0.273	0.402
SNP_A-2023222	2	45899463	rs935672	PRKCE	p21	0.414	0.604
SNP_A-8449097	2	45902949	rs11125034	PRKCE	p21	0.116	0.603
SNP_A-8446713	2	45903353	rs7559151	PRKCE	p21	0.095	0.804
SNP_A-1869964	2	45904125	rs10179954	PRKCE	p21	0.375	0.719
SNP_A-8573029	2	45908642	rs2345182	PRKCE	p21	0.468	0.921
SNP_A-8573031	2	45908861	rs935661	PRKCE	p21	0.463	0.703
SNP_A-8377223	2	45909158	rs935658	PRKCE	p21	0.467	0.991
SNP_A-2077622	2	45910006	rs10865208	PRKCE	p21	0.461	0.786
SNP_A-8379997	2	45916054	rs6738409	PRKCE	p21	0.499	0.687
SNP_A-8497909	2	45917834	rs2345624	PRKCE	p21	0.483	0.581
SNP_A-1926317	2	45918361	rs935656	PRKCE	p21	0.159	0.267
SNP_A-8704542	2	45918460	rs2005270	PRKCE	p21	0.401	0.451
SNP_A-4253571	2	45918603	rs2005271	PRKCE	p21	0.441	0.794
SNP_A-4293707	2	45918963	rs2345625	PRKCE	p21	0.424	0.441
SNP_A-4205971	2	45919740	rs6732900	PRKCE	p21	0.425	0.934
SNP_A-2153034	2	45926828	rs4953269	PRKCE	p21	0.111	0.805
SNP_A-8385114	2	45926900	rs6761356	PRKCE	p21	0.285	0.553
SNP_A-8499302	2	45927156	rs4953270	PRKCE	p21	0.432	0.790
SNP_A-2057618	2	45927221	rs6719779	PRKCE	p21	0.316	0.125
SNP_A-4292842	2	45927600	rs4952782	PRKCE	p21	0.257	0.880
SNP_A-2098853	2	45928191	rs7593255	PRKCE	p21	0.246	0.041
SNP_A-2055057	2	45930542	rs10166692	PRKCE	p21	0.258	0.690
SNP_A-8688859	2	45931007	rs6756452	PRKCE	p21	0.111	0.872
SNP_A-2092484	2	45931967	rs6760363	PRKCE	p21	0.399	0.957
SNP_A-8571210	2	45933732	rs11890282	PRKCE	p21	0.277	0.481
SNP_A-2297143	2	45936374	rs4953273	PRKCE	p21	0.131	0.887
SNP_A-8548632	2	45936556	rs4953275	PRKCE	p21	0.218	0.190
SNP_A-8456389	2	45941377	rs1992932	PRKCE	p21	0.313	0.156
SNP_A-8327248	2	45941409	rs12465045	PRKCE	p21	0.137	0.855
SNP_A-2087913	2	45941456	rs1992933	PRKCE	p21	0.084	0.917
SNP_A-8548738	2	45941939	rs935652	PRKCE	p21	0.066	0.853

SNP_A-8692595	2	45944783	rs10181963	PRKCE	p21	0.214	0.068
SNP_A-4303647	2	45944962	rs4953279	PRKCE	p21	0.422	0.801
SNP_A-2218802	2	45947264	rs10189339	PRKCE	p21	0.326	0.148
SNP_A-8705554	2	45947928	rs4952786	PRKCE	p21	0.151	0.783
SNP_A-2154461	2	45947977	rs4952787	PRKCE	p21	0.152	0.832
SNP_A-8379918	2	45948309	rs11125037	PRKCE	p21	0.293	0.771
SNP_A-2100671	2	45949960	rs11125038	PRKCE	p21	0.327	0.363
SNP_A-8351373	2	45950307	rs12473396	PRKCE	p21	0.157	0.147
SNP_A-2058970	2	45951401	rs1966813	PRKCE	p21	0.454	0.165
SNP_A-8452206	2	45955645	rs12467641	PRKCE	p21	0.233	0.463
SNP_A-1923801	2	45955890	rs2881068	PRKCE	p21	0.366	0.475
SNP_A-1839631	2	45955956	rs2345178	PRKCE	p21	0.372	0.684
SNP_A-8365718	2	45960875	rs4953283	PRKCE	p21	0.359	0.444
SNP_A-2193058	2	45962015	rs13424270	PRKCE	p21	0.345	0.340
SNP_A-1947707	2	45962449	rs11125041	PRKCE	p21	0.231	0.361
SNP_A-8702919	2	45963339	rs935670	PRKCE	p21	0.418	0.747
SNP_A-8679037	2	45963929	rs735112	PRKCE	p21	0.343	0.368
SNP_A-8565862	2	45966520	rs2345179	PRKCE	p21	0.402	0.990
SNP_A-2292520	2	45971418	rs1982366	PRKCE	p21	0.348	0.378
SNP_A-8624077	2	45973894	rs4953286	PRKCE	p21	0.347	0.119
SNP_A-8498808	2	45974590	rs13400838	PRKCE	p21	0.066	0.642
SNP_A-8330297	2	45975668	rs10185201	PRKCE	p21	0.231	0.348
SNP_A-2236378	2	45979475	rs4953288	PRKCE	p21	0.369	0.590
SNP_A-8653561	2	45979919	rs4952792	PRKCE	p21	0.373	0.574
SNP_A-8707217	2	45980822	rs1463163	PRKCE	p21	0.328	0.614
SNP_A-8362548	2	45986364	rs13015067	PRKCE	p21	0.305	0.491
SNP_A-8506174	2	45986679	rs1868388	PRKCE	p21	0.434	0.740
SNP_A-4284222	2	45987295	rs878812	PRKCE	p21	0.300	0.458
SNP_A-8455113	2	45988269	rs935650	PRKCE	p21	0.296	0.262
SNP_A-8547560	2	45994308	rs13010241	PRKCE	p21	0.303	0.434
SNP_A-8412007	2	46006618	rs12986554	PRKCE	p21	0.482	0.264
SNP_A-8360270	2	46009575	rs6712478	PRKCE	p21	0.239	0.209
SNP_A-8604444	2	46012027	rs6720958	PRKCE	p21	0.097	0.404
SNP_A-1919468	2	46012194	rs13036100	PRKCE	p21	0.317	0.585
SNP_A-8594195	2	46016704	rs6544863	PRKCE	p21	0.390	0.586
SNP_A-8311718	2	46020799	rs2711300	PRKCE	p21	0.121	0.431
SNP_A-2285219	2	46022083	rs4953290	PRKCE	p21	0.208	0.754
SNP_A-1794308	2	46022433	rs2711292	PRKCE	p21	0.209	0.771
SNP_A-2121197	2	46023866	rs2029087	PRKCE	p21	0.121	0.997
SNP_A-8408299	2	46025740	rs2711297	PRKCE	p21	0.094	0.497
SNP_A-1864406	2	46026400	rs2711295	PRKCE	p21	0.089	0.657
SNP_A-8471870	2	46028240	rs13023787	PRKCE	p21	0.487	0.822
SNP_A-4257172	2	46029907	rs6750700	PRKCE	p21	0.307	0.581
SNP_A-1910466	2	46030466	rs6751349	PRKCE	p21	0.145	0.536
SNP_A-8654128	2	46033166	rs12471357	PRKCE	p21	0.431	0.312
SNP_A-4292746	2	46034497	rs2711293	PRKCE	p21	0.275	0.504
SNP_A-8600405	2	46036928	rs2711305	PRKCE	p21	0.498	0.276
SNP_A-1856634	2	46045228	rs2595201	PRKCE	p21	0.261	0.421
SNP_A-8549378	2	46045487	rs4953292	PRKCE	p21	0.480	0.809
SNP_A-8499092	2	46045521	rs2595202	PRKCE	p21	0.186	0.664
SNP_A-8472081	2	46045582	rs6759301	PRKCE	p21	0.057	0.461
SNP_A-8701655	2	46046851	rs6706140	PRKCE	p21	0.460	0.182
SNP_A-1897346	2	46054668	rs1868390	PRKCE	p21	0.243	0.514
SNP_A-1808507	2	46054841	rs1868392	PRKCE	p21	0.253	0.101
SNP_A-4284638	2	46055842	rs753572	PRKCE	p21	0.315	0.770
SNP_A-1886373	2	46058824	rs12464563	PRKCE	p21	0.423	0.499
SNP_A-4273239	2	46061122	rs7557421	PRKCE	p21	0.078	0.683
SNP_A-2113465	2	46061470	rs6705717	PRKCE	p21	0.451	0.935
SNP_A-2179029	2	46063632	rs2711286	PRKCE	p21	0.244	0.364
SNP_A-2152332	2	46065439	rs2595213	PRKCE	p21	0.235	0.289
SNP_A-8621963	2	46071174	rs2595214	PRKCE	p21	0.194	0.865
SNP_A-8308128	2	46074392	rs2711302	PRKCE	p21	0.163	0.901
SNP_A-8352791	2	46075259	rs12622193	PRKCE	p21	0.277	0.891
SNP_A-8611551	2	46081804	rs4952796	PRKCE	p21	0.304	0.726
SNP_A-1782219	2	46085546	rs2255094	PRKCE	p21	0.364	0.905
SNP_A-4292771	2	46085647	rs2255091	PRKCE	p21	0.157	0.912
SNP_A-2251120	2	46085876	rs2595222	PRKCE	p21	0.434	0.757
SNP_A-1844125	2	46086885	rs13016869	PRKCE	p21	0.174	0.814
SNP_A-2268227	2	46087174	rs11691705	PRKCE	p21	0.177	0.532
SNP_A-8329816	2	46087304	rs13423410	PRKCE	p21	0.056	0.955
SNP_A-4298954	2	46087623	rs10211547	PRKCE	p21	0.176	0.741
SNP_A-4242082	2	46088072	rs10188306	PRKCE	p21	0.178	0.679
SNP_A-2182022	2	46088863	rs7602129	PRKCE	p21	0.193	0.806
SNP_A-2063585	2	46090545	rs12465869	PRKCE	p21	0.265	0.219

SNP_A-8435640	2	46090713	rs4953299	PRKCE	p21	0.267	0.442
SNP_A-8690263	2	46098684	rs7593128	PRKCE	p21	0.399	0.426
SNP_A-2146316	2	46108254	rs13003856	PRKCE	p21	0.452	0.560
SNP_A-4287456	2	46109903	rs10167883	PRKCE	p21	0.170	0.286
SNP_A-1843184	2	46112445	rs11903923	PRKCE	p21	0.139	0.499
SNP_A-2257131	2	46113359	rs7573407	PRKCE	p21	0.404	0.314
SNP_A-8353442	2	46114320	rs6544869	PRKCE	p21	0.439	0.891
SNP_A-4246084	2	46127972	rs7563379	PRKCE	p21	0.408	0.405
SNP_A-8383980	2	46128167	rs6712036	PRKCE	p21	0.416	0.397
SNP_A-2006347	2	46130026	rs6748375	PRKCE	p21	0.443	0.465
SNP_A-2311276	2	46131427	rs12712960	PRKCE	p21	0.207	0.125
SNP_A-8564674	2	46138804	rs13001074	PRKCE	p21	0.245	0.503
SNP_A-8644491	2	46141058	rs12989656	PRKCE	p21	0.260	0.327
SNP_A-8701552	2	46141247	rs6751805	PRKCE	p21	0.207	0.274
SNP_A-8383761	2	46141357	rs6723478	PRKCE	p21	0.058	0.945
SNP_A-8709799	2	46143920	rs921183	PRKCE	p21	0.155	0.210
SNP_A-8541938	2	46146949	rs13405039	PRKCE	p21	0.112	0.941
SNP_A-8484624	2	46148315	rs12712962	PRKCE	p21	0.469	0.707
SNP_A-1833415	2	46148485	rs12712963	PRKCE	p21	0.384	0.670
SNP_A-8605587	2	46151346	rs6742625	PRKCE	p21	0.376	0.960
SNP_A-1813901	2	46152617	rs7598174	PRKCE	p21	0.209	0.213
SNP_A-8406687	2	46159906	rs2084428	PRKCE	p21	0.283	0.756
SNP_A-2159638	2	46164805	rs11125048	PRKCE	p21	0.355	0.406
SNP_A-4289329	2	46170608	rs1868273	PRKCE	p21	0.260	0.064
SNP_A-1850422	2	46170799	rs1868272	PRKCE	p21	0.261	0.201
SNP_A-2231388	2	46170852	rs1868271	PRKCE	p21	0.289	0.186
SNP_A-8509283	2	46173184	rs3768759	PRKCE	p21	0.156	0.214
SNP_A-8640495	2	46173506	rs3768758	PRKCE	p21	0.125	0.872
SNP_A-8573032	2	46174235	rs2345953	PRKCE	p21	0.351	0.847
SNP_A-1963028	2	46174384	rs2345955	PRKCE	p21	0.178	0.211
SNP_A-2305505	2	46174837	rs10202504	PRKCE	p21	0.177	0.138
SNP_A-8316189	2	46175944	rs4953307	PRKCE	p21	0.288	0.205
SNP_A-8567919	2	46176455	rs13024886	PRKCE	p21	0.391	0.872
SNP_A-8365676	2	46180173	rs3754574	PRKCE	p21	0.285	0.166
SNP_A-8331681	2	46180247	rs3754573	PRKCE	p21	0.288	0.145
SNP_A-8416000	2	46181682	rs4953313	PRKCE	p21	0.284	0.126
SNP_A-2221572	2	46198849	rs12616328	PRKCE	p21	0.193	0.428
SNP_A-2164393	2	46200220	rs3768751	PRKCE	p21	0.267	0.151
SNP_A-8414110	2	46200318	rs6719520	PRKCE	p21	0.102	0.137
SNP_A-8461212	2	46200527	rs3768750	PRKCE	p21	0.264	0.144
SNP_A-8608564	2	46201110	rs4952800	PRKCE	p21	0.259	0.186
SNP_A-1848141	2	46201296	rs2218660	PRKCE	p21	0.267	0.091
SNP_A-1963031	2	46205562	rs3768747	PRKCE	p21	0.317	0.375
SNP_A-1963032	2	46205830	rs17799476	PRKCE	p21	0.173	0.483
SNP_A-8573033	2	46205957	rs3754569	PRKCE	p21	0.436	0.363
SNP_A-8573034	2	46206003	rs10495927	PRKCE	p21	0.303	0.911
SNP_A-8692703	2	46210637	rs17737768	PRKCE	p21	0.110	0.828
SNP_A-8550770	2	46216181	rs10198247	PRKCE	p21	0.263	0.728
SNP_A-8471311	2	46219424	rs12992366	PRKCE	p21	0.082	0.544
SNP_A-1959365	2	46221800	rs4952803	PRKCE	p21	0.076	0.769
SNP_A-8643703	2	46223000	rs7563086	PRKCE	p21	0.073	0.304
SNP_A-2040701	2	46224718	rs3754568	PRKCE	p21	0.471	0.597
SNP_A-8292568	2	46225227	rs11690238	PRKCE	p21	0.171	0.744
SNP_A-1906052	2	46225258	rs6544873	PRKCE	p21	0.074	0.807
SNP_A-4261902	2	46225678	rs10495929	PRKCE	p21	0.140	0.093
SNP_A-1963035	2	46226779	rs1020445	PRKCE	p21	0.320	0.022
SNP_A-4261903	2	46227033	rs7604415	PRKCE	p21	0.083	0.709
SNP_A-2279112	2	46236903	rs4953321	PRKCE	p21	0.352	0.785
SNP_A-1909192	2	46237684	rs3754566	PRKCE	p21	0.137	0.387
SNP_A-1920555	2	46239475	rs6742742	PRKCE	p21	0.061	0.368
SNP_A-2075653	2	46239802	rs2034360	PRKCE	p21	0.153	0.447
SNP_A-1952633	2	46250099	rs11690929	PRKCE	p21	0.133	0.725
SNP_A-8573035	2	46251135	rs951012	PRKCE	p21	0.284	0.993
SNP_A-8628854	2	46252070	rs281479	PRKCE	p21	0.071	0.195
SNP_A-1786227	2	46257341	rs281472	PRKCE	p21	0.075	0.149
SNP_A-2027087	2	46257393	rs281471	PRKCE	p21	0.061	0.369
SNP_A-4198300	2	46258349	rs10210199	PRKCE	p21	0.182	0.881
SNP_A-2024817	2	46259338	rs281469	PRKCE	p21	0.183	0.479
SNP_A-8487754	2	46261198	rs281467	PRKCE	p21	0.186	0.866
SNP_A-2210573	2	46261432	rs1448219	PRKCE	p21	0.064	0.306
SNP_A-8435627	2	46261575	rs2594489	PRKCE	p21	0.364	0.767
SNP_A-1936910	2	46261844	rs2594491	PRKCE	p21	0.490	0.439
SNP_A-8418906	2	46261925	rs2594492	PRKCE	p21	0.489	0.272
SNP_A-1963036	2	46264711	rs281508	PRKCE	p21	0.284	0.826

SNP_A-2263538	2	101687072	rs17809691	MAP4K4	q11.2	0.309	0.576
SNP_A-8470241	2	101689196	rs6734799	MAP4K4	q11.2	0.281	0.856
SNP_A-2224053	2	101717462	rs7597661	MAP4K4	q11.2	0.063	0.752
SNP_A-2069713	2	101726355	rs4384813	MAP4K4	q11.2	0.078	0.876
SNP_A-8400129	2	101733994	rs17810475	MAP4K4	q11.2	0.311	0.659
SNP_A-8517670	2	101741391	rs11123901	MAP4K4	q11.2	0.333	0.763
SNP_A-1828557	2	101763395	rs11683001	MAP4K4	q11.2	0.292	0.429
SNP_A-8648410	2	101779018	rs6543095	MAP4K4	q11.2	0.076	0.742
SNP_A-8661331	2	101781569	rs11887131	MAP4K4	q11.2	0.064	0.739
SNP_A-2155959	2	101788410	rs6732726	MAP4K4	q11.2	0.294	0.363
SNP_A-4196055	2	101796069	rs17026143	MAP4K4	q11.2	0.060	0.395
SNP_A-8454396	2	101805268	rs875565	MAP4K4	q11.2	0.309	0.576
SNP_A-8575777	2	101810253	rs2236936	MAP4K4	q11.2	0.324	0.646
SNP_A-8575778	2	101810474	rs2236935	MAP4K4	q11.2	0.243	0.758
SNP_A-2274480	2	101829006	rs17802002	MAP4K4	q11.2	0.146	0.063
SNP_A-4208258	2	101832572	rs10489973	MAP4K4	q11.2	0.144	0.043
SNP_A-1918300	2	101834055	rs2158816	MAP4K4	q11.2	0.462	0.559
SNP_A-8306451	2	101844784	rs13425874	MAP4K4	q11.2	0.064	0.726
SNP_A-8451358	2	101845461	rs3771903	MAP4K4	q11.2	0.464	0.601
SNP_A-2236284	2	101862349	rs4851507	MAP4K4	q11.2	0.471	0.569
SNP_A-4208259	2	101870995	rs11895969	MAP4K4	q11.2	0.062	0.786
SNP_A-4279539	2	101872136	rs7574674	MAP4K4	q11.2	0.076	0.805
SNP_A-4235988	2	127787473	rs6731176	MAP3K2	q14.3	0.438	0.552
SNP_A-1811257	3	48762223	rs6791542	PRKAR2A	p21.31	0.359	0.444
SNP_A-1894572	3	48812186	rs9859473	PRKAR2A	p21.31	0.246	0.375
SNP_A-8716957	3	49877164	rs2883059	CAMKV	p21.31	0.380	0.583
SNP_A-4281355	3	50626755	rs873985	MAPKAPK3	p21.31	0.136	0.619
SNP_A-2237373	3	50645082	rs2040397	MAPKAPK3	p21.31	0.283	0.187
SNP_A-8700373	3	50659815	rs11711534	MAPKAPK3	p21.31	0.066	0.279
SNP_A-2272004	3	53174054	rs1483185	PRKCD	p21.1	0.145	0.985
SNP_A-1888152	3	53174120	rs1483186	PRKCD	p21.1	0.114	0.672
SNP_A-8319598	3	53176938	rs750170	PRKCD	p21.1	0.150	0.344
SNP_A-8402522	3	53183957	rs3821689	PRKCD	p21.1	0.352	0.296
SNP_A-1954339	3	53187756	rs17052826	PRKCD	p21.1	0.157	0.589
SNP_A-8295445	3	53188697	rs2230493	PRKCD	p21.1	0.160	0.708
SNP_A-2097191	3	53191732	rs13084863	PRKCD	p21.1	0.484	0.483
SNP_A-8519453	3	171430600	rs1082969	PRKCI	q26.2	0.177	0.352
SNP_A-2039928	3	171441246	rs1684885	PRKCI	q26.2	0.184	0.194
SNP_A-8421754	3	171454775	rs2650229	PRKCI	q26.2	0.197	0.206
SNP_A-4199928	3	171473104	rs2140825	PRKCI	q26.2	0.374	0.229
SNP_A-8516417	3	171505189	rs2650220	PRKCI	q26.2	0.179	0.117
SNP_A-2031710	3	186505879	rs9875687	MAP3K13	q27.2	0.162	0.577
SNP_A-4261414	3	186508583	rs6779106	MAP3K13	q27.2	0.214	0.826
SNP_A-2042951	3	186509681	rs9830680	MAP3K13	q27.2	0.164	0.891
SNP_A-2026229	3	186512797	rs7631503	MAP3K13	q27.2	0.164	0.917
SNP_A-4279123	3	186514488	rs7431357	MAP3K13	q27.2	0.163	0.845
SNP_A-8306082	3	186525017	rs12639437	MAP3K13	q27.2	0.096	0.048
SNP_A-8549560	3	186531008	rs7432658	MAP3K13	q27.2	0.214	0.362
SNP_A-8443302	3	186535467	rs9871486	MAP3K13	q27.2	0.169	0.613
SNP_A-2298462	3	186545134	rs6444052	MAP3K13	q27.2	0.405	0.269
SNP_A-8391906	3	186560578	rs12492085	MAP3K13	q27.2	0.189	0.293
SNP_A-4275982	3	186573513	rs9847739	MAP3K13	q27.2	0.383	0.371
SNP_A-8352138	3	186581213	rs13076191	MAP3K13	q27.2	0.293	0.861
SNP_A-2208974	3	186584193	rs12163582	MAP3K13	q27.2	0.257	0.836
SNP_A-2093375	3	186587758	rs6444062	MAP3K13	q27.2	0.071	0.491
SNP_A-1845462	3	186594994	rs4687296	MAP3K13	q27.2	0.224	0.841
SNP_A-1858626	3	186606110	rs6803944	MAP3K13	q27.2	0.155	0.973
SNP_A-1842085	3	186607301	rs9842230	MAP3K13	q27.2	0.162	0.399
SNP_A-8560253	3	186617799	rs7646178	MAP3K13	q27.2	0.153	0.897
SNP_A-8357664	3	186623829	rs12490248	MAP3K13	q27.2	0.069	0.228
SNP_A-8364346	3	186634807	rs1017501	MAP3K13	q27.2	0.286	0.397
SNP_A-2208154	3	186638176	rs2304815	MAP3K13	q27.2	0.162	0.158
SNP_A-4289058	3	186645679	rs12053946	MAP3K13	q27.2	0.104	0.468
SNP_A-8447463	3	186663506	rs9878704	MAP3K13	q27.2	0.130	0.397
SNP_A-8566075	3	186666776	rs13095772	MAP3K13	q27.2	0.095	0.116
SNP_A-4210268	4	71147663	rs3775745	CSN3	q13.3	0.400	0.244
SNP_A-1977526	4	71148222	rs10518071	CSN3	q13.3	0.159	0.418
SNP_A-8531795	4	71149545	rs1048152	CSN3	q13.3	0.080	0.557
SNP_A-8332095	4	71149832	rs3775737	CSN3	q13.3	0.106	0.425
SNP_A-8461131	4	71149921	rs3822164	CSN3	q13.3	0.161	0.397
SNP_A-1877976	4	71150849	rs41508150	CSN3	q13.3	0.158	0.299
SNP_A-1931763	4	71151123	rs13141970	CSN3	q13.3	0.238	0.799
SNP_A-1818187	4	71151212	rs41523244	CSN3	q13.3	0.158	0.289
SNP_A-8463788	4	87156898	rs958	MAPK10	q21.3	0.197	0.039

SNP_A-2244414	4	87165708	rs3775168	MAPK10	q21.3	0.183	0.523
SNP_A-2105720	4	87172931	rs6848433	MAPK10	q21.3	0.117	0.587
SNP_A-8569188	4	87173891	rs3775173	MAPK10	q21.3	0.141	0.834
SNP_A-4297480	4	87182808	rs4351013	MAPK10	q21.3	0.177	0.448
SNP_A-2129317	4	87184667	rs10033283	MAPK10	q21.3	0.113	0.714
SNP_A-1977930	4	87185127	rs6810413	MAPK10	q21.3	0.418	0.504
SNP_A-8363883	4	87189425	rs17008675	MAPK10	q21.3	0.172	0.619
SNP_A-2248883	4	87194086	rs17011341	MAPK10	q21.3	0.113	0.714
SNP_A-8316838	4	87202256	rs3775187	MAPK10	q21.3	0.419	0.437
SNP_A-2262246	4	87230328	rs4482754	MAPK10	q21.3	0.416	0.461
SNP_A-1840361	4	87233830	rs12502934	MAPK10	q21.3	0.418	0.414
SNP_A-8409777	4	87238262	rs9884770	MAPK10	q21.3	0.416	0.352
SNP_A-8323126	4	87240962	rs12644947	MAPK10	q21.3	0.365	0.887
SNP_A-8641574	4	87248708	rs12647176	MAPK10	q21.3	0.161	0.585
SNP_A-8466205	4	87256403	rs5006575	MAPK10	q21.3	0.142	0.426
SNP_A-4260434	4	87268401	rs4546235	MAPK10	q21.3	0.317	0.142
SNP_A-1799957	4	87283699	rs4693757	MAPK10	q21.3	0.143	0.825
SNP_A-8430016	4	87291488	rs4334746	MAPK10	q21.3	0.319	0.883
SNP_A-1787687	4	87293056	rs10001480	MAPK10	q21.3	0.164	0.499
SNP_A-1853382	4	87293272	rs10024003	MAPK10	q21.3	0.155	0.785
SNP_A-8662194	4	87318361	rs2199308	MAPK10	q21.3	0.194	0.745
SNP_A-1977931	4	87323194	rs10516769	MAPK10	q21.3	0.124	0.884
SNP_A-1977932	4	87326932	rs1460767	MAPK10	q21.3	0.292	0.645
SNP_A-2071922	4	87327534	rs7668374	MAPK10	q21.3	0.211	0.893
SNP_A-2044365	4	87356659	rs10026060	MAPK10	q21.3	0.153	0.454
SNP_A-8590056	4	87357762	rs12650052	MAPK10	q21.3	0.135	0.928
SNP_A-1812112	4	87357789	rs10029339	MAPK10	q21.3	0.219	0.696
SNP_A-2009966	4	87366528	rs6827698	MAPK10	q21.3	0.218	0.786
SNP_A-2135450	4	87385929	rs17011584	MAPK10	q21.3	0.136	0.842
SNP_A-8662195	4	87391122	rs10516770	MAPK10	q21.3	0.065	0.337
SNP_A-8662196	4	87401460	rs9307016	MAPK10	q21.3	0.153	0.660
SNP_A-8463636	4	87403238	rs6531914	MAPK10	q21.3	0.277	0.459
SNP_A-8330548	4	87427125	rs17011659	MAPK10	q21.3	0.114	0.413
SNP_A-8323506	4	87440504	rs6827098	MAPK10	q21.3	0.370	0.412
SNP_A-8518424	4	87440851	rs17449015	MAPK10	q21.3	0.090	0.977
SNP_A-8472385	4	87442492	rs1460753	MAPK10	q21.3	0.369	0.329
SNP_A-2265728	4	87462364	rs6856688	MAPK10	q21.3	0.153	0.454
SNP_A-2244713	4	87466341	rs9994931	MAPK10	q21.3	0.239	0.902
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SNP_A-8687155	4	87471821	rs7677400	MAPK10	q21.3	0.122	0.721
SNP_A-8676896	4	87475230	rs17409904	MAPK10	q21.3	0.482	0.273
SNP_A-8440185	4	87475280	rs17409925	MAPK10	q21.3	0.270	0.110
SNP_A-4240279	4	87475647	rs6825707	MAPK10	q21.3	0.228	0.620
SNP_A-4224821	4	87478030	rs4611890	MAPK10	q21.3	0.490	0.231
SNP_A-8469663	4	87478062	rs2869431	MAPK10	q21.3	0.270	0.105
SNP_A-4279963	4	87481803	rs11097106	MAPK10	q21.3	0.231	0.802
SNP_A-8713050	4	87482275	rs17011756	MAPK10	q21.3	0.395	0.738
SNP_A-2261773	4	87485320	rs4693765	MAPK10	q21.3	0.240	0.934
SNP_A-1862859	4	87485480	rs4693766	MAPK10	q21.3	0.238	0.842
SNP_A-2101504	4	87488367	rs11097109	MAPK10	q21.3	0.237	0.940
SNP_A-2188621	4	87493198	rs17451111	MAPK10	q21.3	0.341	0.332
SNP_A-8662200	4	87509948	rs2869438	PTPN13	q21.3	0.242	0.718
SNP_A-8390131	4	87516818	rs17011843	PTPN13	q21.3	0.150	0.483
SNP_A-1977938	4	87522688	rs9307018	PTPN13	q21.3	0.394	0.635
SNP_A-2083303	4	87559754	rs11938088	PTPN13	q21.3	0.186	0.490
SNP_A-8700436	4	87581858	rs4488910	PTPN13	q21.3	0.140	0.330
SNP_A-8647612	4	87588087	rs12503051	PTPN13	q21.3	0.150	0.501
SNP_A-8366082	4	87597820	rs4693770	PTPN13	q21.3	0.113	0.753
SNP_A-8478575	4	87608141	rs7658485	PTPN13	q21.3	0.373	0.167
SNP_A-1843910	4	87632205	rs9683663	PTPN13	q21.3	0.272	0.561
SNP_A-2258439	4	87632448	rs2869441	PTPN13	q21.3	0.142	0.139
SNP_A-8622649	4	87633587	rs17418801	PTPN13	q21.3	0.273	0.683
SNP_A-1977939	4	87636315	rs6838659	PTPN13	q21.3	0.328	0.639
SNP_A-8646069	4	87643363	rs4640633	PTPN13	q21.3	0.332	0.824
SNP_A-8548526	4	87653746	rs4552430	PTPN13	q21.3	0.324	0.617
SNP_A-8663293	4	114603777	rs17620390	CAMK2D	q26	0.242	0.341
SNP_A-8663294	4	114610853	rs6835747	CAMK2D	q26	0.145	0.528
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SNP_A-1978573	4	114612078	rs6842886	CAMK2D	q26	0.174	0.634
SNP_A-2075048	4	114613293	rs17629820	CAMK2D	q26	0.063	0.778
SNP_A-1955210	4	114620118	rs4834340	CAMK2D	q26	0.381	0.736
SNP_A-8580743	4	114624559	rs11936225	CAMK2D	q26	0.142	0.619
SNP_A-8612434	4	114636045	rs2158196	CAMK2D	q26	0.493	0.227
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SNP_A-8396214	4	114637591	rs757174	CAMK2D	q26	0.474	0.502
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SNP_A-2030907	4	114648856	rs11098193	CAMK2D	q26	0.232	0.240
SNP_A-2033497	4	114651522	rs17046126	CAMK2D	q26	0.299	0.321
SNP_A-1959757	4	114651703	rs17630012	CAMK2D	q26	0.062	0.786
SNP_A-1825329	4	114655326	rs3815072	CAMK2D	q26	0.141	0.956
SNP_A-1954201	4	114656174	rs13146211	CAMK2D	q26	0.260	0.979
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SNP_A-8405706	4	114697931	rs11724156	CAMK2D	q26	0.250	0.573
SNP_A-8309838	4	114698102	rs11728021	CAMK2D	q26	0.154	0.314
SNP_A-4224250	4	114700740	rs17630328	CAMK2D	q26	0.076	0.621
SNP_A-8701995	4	114706327	rs7673652	CAMK2D	q26	0.055	0.148
SNP_A-1914742	4	114715426	rs10009286	CAMK2D	q26	0.320	0.423
SNP_A-2183689	4	114715574	rs13144613	CAMK2D	q26	0.348	0.971
SNP_A-1978576	4	114718478	rs6533700	CAMK2D	q26	0.254	0.447
SNP_A-1978578	4	114719604	rs13122281	CAMK2D	q26	0.280	0.617
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SNP_A-1845850	4	114723041	rs11946664	CAMK2D	q26	0.301	0.127
SNP_A-1978579	4	114723610	rs17531554	CAMK2D	q26	0.142	0.139
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SNP_A-2205611	4	114726451	rs2214392	CAMK2D	q26	0.302	0.128
SNP_A-2039515	4	114727378	rs1859148	CAMK2D	q26	0.254	0.515
SNP_A-4245136	4	114729956	rs7675804	CAMK2D	q26	0.254	0.549
SNP_A-2133337	4	114730973	rs1859150	CAMK2D	q26	0.306	0.079
SNP_A-2119867	4	114731586	rs17531701	CAMK2D	q26	0.109	0.081
SNP_A-2290555	4	114732225	rs6533701	CAMK2D	q26	0.301	0.182
SNP_A-2244351	4	114732247	rs6821520	CAMK2D	q26	0.087	0.064
SNP_A-8663298	4	114754172	rs10488958	CAMK2D	q26	0.249	0.476
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SNP_A-8637708	4	114763632	rs7676656	CAMK2D	q26	0.496	0.137
SNP_A-1796746	4	114763744	rs7676842	CAMK2D	q26	0.367	0.842
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SNP_A-4221121	4	114766153	rs10023113	CAMK2D	q26	0.133	0.016
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SNP_A-1978582	4	114779992	rs17630766	CAMK2D	q26	0.139	0.750
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SNP_A-8663302	4	114798695	rs6533705	CAMK2D	q26	0.196	0.227
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SNP_A-8690635	4	114812915	rs1011973	CAMK2D	q26	0.496	0.146
SNP_A-8663303	4	114828167	rs2214457	CAMK2D	q26	0.058	0.448
SNP_A-8376876	4	114838051	rs987694	CAMK2D	q26	0.379	0.308
SNP_A-4218908	4	114838837	rs12508566	CAMK2D	q26	0.382	0.264
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SNP_A-8541141	4	114853112	rs7662404	CAMK2D	q26	0.370	0.365
SNP_A-1908116	4	114853816	rs12644009	CAMK2D	q26	0.380	0.208
SNP_A-8552803	4	114881130	rs1859229	CAMK2D	q26	0.252	0.273
SNP_A-8706648	4	114886784	rs11933418	CAMK2D	q26	0.441	0.453
SNP_A-1978584	4	114890405	rs6836139	CAMK2D	q26	0.416	0.946
SNP_A-8663305	4	114891292	rs6812422	CAMK2D	q26	0.352	0.665
SNP_A-8453521	5	40818671	rs3805494	PRKAA1	p13.1	0.259	0.772
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SNP_A-2148064	5	56149199	rs1423622	MAP3K1	q11.2	0.087	0.098
SNP_A-4223221	5	56149607	rs832552	MAP3K1	q11.2	0.378	0.096
SNP_A-4283943	5	56150793	rs832554	MAP3K1	q11.2	0.174	0.628
SNP_A-2193407	5	56151842	rs252902	MAP3K1	q11.2	0.176	0.764
SNP_A-1981662	5	56154490	rs252904	MAP3K1	q11.2	0.175	0.777
SNP_A-1981663	5	56154632	rs252905	MAP3K1	q11.2	0.372	0.101
SNP_A-1981664	5	56154947	rs252906	MAP3K1	q11.2	0.375	0.171

SNP_A-1981665	5	56157511	rs252915	MAP3K1	q11.2	0.175	0.777
SNP_A-8525153	5	56158101	rs16886364	MAP3K1	q11.2	0.062	0.681
SNP_A-4225141	5	56164756	rs863840	MAP3K1	q11.2	0.182	0.700
SNP_A-1863183	5	56175003	rs16886403	MAP3K1	q11.2	0.129	0.193
SNP_A-1981667	5	56185186	rs860580	MAP3K1	q11.2	0.176	0.764
SNP_A-2165477	5	56187501	rs832566	MAP3K1	q11.2	0.373	0.131
SNP_A-4236112	5	56193708	rs2113079	MAP3K1	q11.2	0.176	0.741
SNP_A-1917357	5	56197544	rs832575	MAP3K1	q11.2	0.120	0.664
SNP_A-1981669	5	56206570	rs16886448	MAP3K1	q11.2	0.064	0.749
SNP_A-2266319	5	56214969	rs832584	MAP3K1	q11.2	0.177	0.728
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SNP_A-8584394	5	68692083	rs2010352	TAF9	q13.2	0.429	0.226
SNP_A-1982915	5	110590399	rs727922	CAMK4	q22.1	0.244	0.982
SNP_A-8478745	5	110591764	rs10077974	CAMK4	q22.1	0.074	0.839
SNP_A-8510417	5	110595497	rs1457115	CAMK4	q22.1	0.456	0.800
SNP_A-8665943	5	110596357	rs9285875	CAMK4	q22.1	0.257	0.686
SNP_A-4211168	5	110596399	rs9326832	CAMK4	q22.1	0.270	0.413
SNP_A-1813210	5	110598075	rs17461314	CAMK4	q22.1	0.271	0.947
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SNP_A-8456671	5	110608846	rs11241111	CAMK4	q22.1	0.284	0.204
SNP_A-8665944	5	110613526	rs712645	CAMK4	q22.1	0.453	0.360
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SNP_A-8550588	5	110614337	rs7726469	CAMK4	q22.1	0.175	0.094
SNP_A-8328625	5	110619629	rs1650796	CAMK4	q22.1	0.271	0.378
SNP_A-1799126	5	110625639	rs10040249	CAMK4	q22.1	0.193	0.117
SNP_A-8509812	5	110629622	rs1644496	CAMK4	q22.1	0.468	0.762
SNP_A-2235314	5	110633954	rs1618689	CAMK4	q22.1	0.261	0.685
SNP_A-2251301	5	110634040	rs2288397	CAMK4	q22.1	0.194	0.107
SNP_A-1866514	5	110673099	rs306082	CAMK4	q22.1	0.099	0.668
SNP_A-1982917	5	110683306	rs306079	CAMK4	q22.1	0.416	0.352
SNP_A-1900904	5	110694303	rs1644505	CAMK4	q22.1	0.464	0.660
SNP_A-2186047	5	110696315	rs2560495	CAMK4	q22.1	0.425	0.911
SNP_A-8652063	5	110696599	rs1650782	CAMK4	q22.1	0.464	0.579
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SNP_A-2011137	5	110707556	rs446176	CAMK4	q22.1	0.120	0.764
SNP_A-1982919	5	110707772	rs387238	CAMK4	q22.1	0.418	0.852
SNP_A-2143720	5	110712386	rs422558	CAMK4	q22.1	0.118	0.814
SNP_A-4211169	5	110714128	rs434256	CAMK4	q22.1	0.120	0.743
SNP_A-8621975	5	110716145	rs534608	CAMK4	q22.1	0.119	0.780
SNP_A-1841051	5	110717621	rs387551	CAMK4	q22.1	0.118	0.806
SNP_A-8712021	5	110718462	rs376880	CAMK4	q22.1	0.119	0.799
SNP_A-8665946	5	110720611	rs689253	CAMK4	q22.1	0.427	0.616
SNP_A-1982920	5	110721911	rs365212	CAMK4	q22.1	0.119	0.772
SNP_A-4265117	5	110723657	rs960452	CAMK4	q22.1	0.384	0.500
SNP_A-2246001	5	110729426	rs450315	CAMK4	q22.1	0.117	0.562
SNP_A-2011138	5	110730506	rs388944	CAMK4	q22.1	0.112	0.492
SNP_A-8504443	5	110731528	rs1470168	CAMK4	q22.1	0.429	0.789
SNP_A-1931308	5	110731617	rs438178	CAMK4	q22.1	0.116	0.369
SNP_A-1852217	5	110751259	rs306109	CAMK4	q22.1	0.097	0.536
SNP_A-1940325	5	110751280	rs306108	CAMK4	q22.1	0.108	0.596
SNP_A-8470356	5	110754871	rs421357	CAMK4	q22.1	0.422	0.411
SNP_A-8475606	5	110755928	rs410859	CAMK4	q22.1	0.417	0.409
SNP_A-1872495	5	110756516	rs396835	CAMK4	q22.1	0.117	0.562
SNP_A-4265118	5	110758456	rs523389	CAMK4	q22.1	0.107	0.416
SNP_A-4193918	5	110761539	rs17133238	CAMK4	q22.1	0.387	0.374
SNP_A-8665951	5	110769615	rs10515428	CAMK4	q22.1	0.432	0.256
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SNP_A-8586320	5	110787436	rs10052530	CAMK4	q22.1	0.422	0.684
SNP_A-2164855	5	110791508	rs4957949	CAMK4	q22.1	0.365	0.130
SNP_A-8451556	5	110791945	rs10045295	CAMK4	q22.1	0.375	0.086
SNP_A-8655553	5	110792151	rs10039731	CAMK4	q22.1	0.412	0.417
SNP_A-1982922	5	110798955	rs1820666	CAMK4	q22.1	0.295	0.654
SNP_A-4157790	5	110800303	rs10491334	CAMK4	q22.1	0.173	0.333
SNP_A-1982923	5	110800619	rs759950	CAMK4	q22.1	0.394	0.227
SNP_A-4211170	5	110800828	rs759949	CAMK4	q22.1	0.402	0.388
SNP_A-4211171	5	110800841	rs759948	CAMK4	q22.1	0.374	0.188
SNP_A-4211172	5	110800999	rs759947	CAMK4	q22.1	0.402	0.388
SNP_A-1982924	5	110801072	rs7736139	CAMK4	q22.1	0.250	0.124
SNP_A-1945603	5	110801356	rs11241123	CAMK4	q22.1	0.401	0.498
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SNP_A-4211173	5	110802124	rs9326835	CAMK4	q22.1	0.292	0.169
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SNP_A-8637287	5	110805439	rs31328	CAMK4	q22.1	0.197	0.077

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SNP_A-2154125	5	110814621	rs1897528	CAMK4	q22.1	0.427	0.616
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SNP_A-1950005	5	149585309	rs4958469	CAMK2A	q33.1	0.277	0.136
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SNP_A-2227932	5	149585481	rs4958467	CAMK2A	q33.1	0.267	0.104
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SNP_A-4255072	6	91288073	rs3799917	MAP3K7	q15	0.312	0.669
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SNP_A-4290463	6	91304421	rs1144159	MAP3K7	q15	0.195	0.402
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SNP_A-4293367	6	137083058	rs1028565	MAP3K5	q23.3	0.439	0.804
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SNP_A-1987792	6	137092247	rs9285484	MAP3K5	q23.3	0.450	0.661
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SNP_A-1899303	6	137101620	rs1570056	MAP3K5	q23.3	0.451	0.939
SNP_A-4293648	6	137101643	rs11154883	MAP3K5	q23.3	0.441	0.914
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SNP_A-4212005	6	137120748	rs7739002	MAP3K5	q23.3	0.110	0.184
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SNP_A-8494420	6	137153357	rs4524621	MAP3K5	q23.3	0.358	0.581
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SNP_A-2063579	6	161363997	rs6901968	MAP3K4	q26	0.118	0.335
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SNP_A-8402560	6	161398436	rs1001808	MAP3K4	q26	0.234	0.443
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SNP_A-2166112	6	161436821	rs3798917	MAP3K4	q26	0.164	0.844
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SNP_A-2022921	6	161458240	rs1488	MAP3K4	q26	0.332	0.267
SNP_A-8300675	7	671099	rs7809325	PRKAR1B	p22.3	0.146	0.484
SNP_A-8430489	7	713443	rs4415214	PRKAR1B	p22.3	0.407	0.206
SNP_A-8422201	7	729070	rs4724821	HEATR2	p22.3	0.358	0.761
SNP_A-8516729	7	44259047	rs10232351	CAMK2B	p13	0.408	0.621
SNP_A-8416282	7	44277470	rs10230538	CAMK2B	p13	0.277	0.468
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SNP_A-8326209	7	44286959	rs4724298	CAMK2B	p13	0.183	0.627
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SNP_A-1913700	7	44300378	rs3934888	CAMK2B	p13	0.434	0.150
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SNP_A-1813392	7	44321565	rs4294091	CAMK2B	p13	0.481	0.274
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SNP_A-8708698	7	106481048	rs758943	PRKAR2B	q22.3	0.331	0.218
SNP_A-8613466	7	106481602	rs2237650	PRKAR2B	q22.3	0.452	0.819
SNP_A-2169470	7	106506649	rs17340577	PRKAR2B	q22.3	0.089	0.157
SNP_A-4266530	7	106507403	rs2251838	PRKAR2B	q22.3	0.355	0.883
SNP_A-2178086	7	106508168	rs12154324	PRKAR2B	q22.3	0.095	0.231
SNP_A-4216573	7	106517269	rs7786692	PRKAR2B	q22.3	0.096	0.219
SNP_A-4219957	7	106517447	rs17153823	PRKAR2B	q22.3	0.095	0.097
SNP_A-8669775	7	106529284	rs3735613	PRKAR2B	q22.3	0.496	0.746
SNP_A-8331260	7	106549015	rs10281856	PRKAR2B	q22.3	0.399	0.351
SNP_A-2075026	7	106550083	rs10272371	PRKAR2B	q22.3	0.096	0.208
SNP_A-2278737	7	106550454	rs13224682	PRKAR2B	q22.3	0.074	0.329
SNP_A-2137099	7	106550514	rs17425839	PRKAR2B	q22.3	0.093	0.111
SNP_A-1990831	7	106555592	rs9656135	PRKAR2B	q22.3	0.072	0.185
SNP_A-8569085	7	106563803	rs7809330	PRKAR2B	q22.3	0.495	0.714
SNP_A-1802978	7	106564439	rs6960708	PRKAR2B	q22.3	0.099	0.173
SNP_A-8417247	7	106567620	rs3801968	PRKAR2B	q22.3	0.426	0.315
SNP_A-8595189	7	106569919	rs3752645	PRKAR2B	q22.3	0.095	0.097
SNP_A-2138633	7	106575857	rs6946931	PRKAR2B	q22.3	0.187	0.347
SNP_A-1990832	7	106581336	rs1981696	PRKAR2B	q22.3	0.188	0.466
SNP_A-8347862	7	106586279	rs257375	PRKAR2B	q22.3	0.189	0.409
SNP_A-8635523	7	150886109	rs5017428	PRKAG2	q36.1	0.371	0.804
SNP_A-2228406	7	150892423	rs2302533	PRKAG2	q36.1	0.131	0.355
SNP_A-8284975	7	150893238	rs2302532	PRKAG2	q36.1	0.275	0.172

SNP_A-8509984	7	150903423	rs17715595	PRKAG2	q36.1	0.145	0.731
SNP_A-1991757	7	150906739	rs1029946	PRKAG2	q36.1	0.150	0.209
SNP_A-8284976	7	150906805	rs1029945	PRKAG2	q36.1	0.295	0.484
SNP_A-8709655	7	150910802	rs17173199	PRKAG2	q36.1	0.143	0.231
SNP_A-2138366	7	150916094	rs17173202	PRKAG2	q36.1	0.141	0.459
SNP_A-2229375	7	150916125	rs6464148	PRKAG2	q36.1	0.142	0.408
SNP_A-8301438	7	150918894	rs4725411	PRKAG2	q36.1	0.141	0.459
SNP_A-1784479	7	150919943	rs3789813	PRKAG2	q36.1	0.141	0.433
SNP_A-8398409	7	150920999	rs2538036	PRKAG2	q36.1	0.463	0.382
SNP_A-8348140	7	150922510	rs4725413	PRKAG2	q36.1	0.141	0.451
SNP_A-8672858	7	150939500	rs4726060	PRKAG2	q36.1	0.256	0.449
SNP_A-8581772	7	150945458	rs2538045	PRKAG2	q36.1	0.384	0.718
SNP_A-2073394	7	150945706	rs2538042	PRKAG2	q36.1	0.391	0.673
SNP_A-4280215	7	150949911	rs4725415	PRKAG2	q36.1	0.469	0.914
SNP_A-1901852	7	150950488	rs6464156	PRKAG2	q36.1	0.468	0.983
SNP_A-8711360	7	150952094	rs2727565	PRKAG2	q36.1	0.255	0.193
SNP_A-8650995	7	150952256	rs9801653	PRKAG2	q36.1	0.118	0.806
SNP_A-4222472	7	150956126	rs1860736	PRKAG2	q36.1	0.105	0.941
SNP_A-1788050	7	150956192	rs12535806	PRKAG2	q36.1	0.120	0.731
SNP_A-1834698	7	150974571	rs1345278	PRKAG2	q36.1	0.450	0.624
SNP_A-2042599	7	150977323	rs10952315	PRKAG2	q36.1	0.367	0.896
SNP_A-1812832	7	150978395	rs2727527	PRKAG2	q36.1	0.319	0.739
SNP_A-2082185	7	150982545	rs954228	PRKAG2	q36.1	0.289	0.352
SNP_A-8551175	7	150983018	rs2017491	PRKAG2	q36.1	0.329	0.051
SNP_A-8448827	7	150985333	rs1860735	PRKAG2	q36.1	0.103	0.125
SNP_A-2309081	7	150987207	rs2727529	PRKAG2	q36.1	0.392	0.483
SNP_A-1893701	7	150995197	rs1105842	PRKAG2	q36.1	0.157	0.822
SNP_A-1893539	7	150995290	rs1105843	PRKAG2	q36.1	0.314	0.297
SNP_A-1939231	7	150996578	rs954482	PRKAG2	q36.1	0.313	0.204
SNP_A-8501280	7	151005762	rs2727539	PRKAG2	q36.1	0.142	0.145
SNP_A-8647778	7	151013382	rs2727554	PRKAG2	q36.1	0.487	0.206
SNP_A-8697744	7	151013395	rs2727553	PRKAG2	q36.1	0.481	0.160
SNP_A-4290395	7	151015436	rs4726084	PRKAG2	q36.1	0.195	0.548
SNP_A-4247729	7	151018130	rs10277859	PRKAG2	q36.1	0.193	0.801
SNP_A-2085058	7	151018897	rs2024266	PRKAG2	q36.1	0.482	0.246
SNP_A-8537816	7	151019183	rs7797944	PRKAG2	q36.1	0.180	0.406
SNP_A-8324197	7	151019663	rs2727550	PRKAG2	q36.1	0.328	0.790
SNP_A-2231445	7	151020254	rs6970728	PRKAG2	q36.1	0.193	0.786
SNP_A-2036134	7	151020434	rs6970666	PRKAG2	q36.1	0.190	0.871
SNP_A-4245070	7	151022586	rs2727551	PRKAG2	q36.1	0.076	0.369
SNP_A-8477909	7	151026570	rs9648723	PRKAG2	q36.1	0.194	0.298
SNP_A-8304100	7	151033433	rs2727564	PRKAG2	q36.1	0.455	0.074
SNP_A-8651315	7	151033723	rs2374270	PRKAG2	q36.1	0.368	0.487
SNP_A-4284763	7	151034022	rs4725423	PRKAG2	q36.1	0.085	0.187
SNP_A-2187073	7	151034062	rs2727563	PRKAG2	q36.1	0.409	0.598
SNP_A-1887074	7	151036751	rs10480299	PRKAG2	q36.1	0.280	0.128
SNP_A-2111566	7	151045974	rs10224002	PRKAG2	q36.1	0.288	0.108
SNP_A-8404196	7	151053880	rs2536069	PRKAG2	q36.1	0.221	0.252
SNP_A-2202651	7	151054129	rs13239239	PRKAG2	q36.1	0.323	0.844
SNP_A-8304176	7	151061642	rs4726088	PRKAG2	q36.1	0.403	0.194
SNP_A-4281374	7	151062399	rs1108722	PRKAG2	q36.1	0.397	0.930
SNP_A-8418793	7	151067285	rs885273	PRKAG2	q36.1	0.392	0.292
SNP_A-8518567	7	151070761	rs11768438	PRKAG2	q36.1	0.307	0.803
SNP_A-8656895	7	151072903	rs1001117	PRKAG2	q36.1	0.325	0.393
SNP_A-8643885	7	151073677	rs11771330	PRKAG2	q36.1	0.453	0.639
SNP_A-1883435	7	151083561	rs7801616	PRKAG2	q36.1	0.455	0.370
SNP_A-8616844	7	151087015	rs6965771	PRKAG2	q36.1	0.252	0.480
SNP_A-2253591	7	151093470	rs7780008	PRKAG2	q36.1	0.365	0.259
SNP_A-2291492	7	151094097	rs7800069	PRKAG2	q36.1	0.465	0.776
SNP_A-2107674	7	151094445	rs7784818	PRKAG2	q36.1	0.486	0.985
SNP_A-8298079	7	151106857	rs9632641	PRKAG2	q36.1	0.207	0.109
SNP_A-8691676	7	151114829	rs11763144	PRKAG2	q36.1	0.150	0.993
SNP_A-8714213	7	151128901	rs4726097	PRKAG2	q36.1	0.211	0.223
SNP_A-8416447	7	151133235	rs9648724	PRKAG2	q36.1	0.227	0.948
SNP_A-8699658	7	151134234	rs4442045	PRKAG2	q36.1	0.194	0.768
SNP_A-8712371	7	151134743	rs4726100	PRKAG2	q36.1	0.162	0.896
SNP_A-8304248	7	151137088	rs6464173	PRKAG2	q36.1	0.468	0.673
SNP_A-8400235	7	151139190	rs12539356	PRKAG2	q36.1	0.270	0.767
SNP_A-8479991	7	151139777	rs1881638	PRKAG2	q36.1	0.271	0.733
SNP_A-1787510	7	151141292	rs4631369	PRKAG2	q36.1	0.377	0.722
SNP_A-8470174	7	151141463	rs12540943	PRKAG2	q36.1	0.159	0.170
SNP_A-1961623	7	151141504	rs1881634	PRKAG2	q36.1	0.153	0.113
SNP_A-8637726	7	151147753	rs1881629	PRKAG2	q36.1	0.450	0.446
SNP_A-8368707	7	151149683	rs11769593	PRKAG2	q36.1	0.252	0.400

SNP_A-4242522	7	151150061	rs11770376	PRKAG2	q36.1	0.360	0.953
SNP_A-2013017	7	151152511	rs6978617	PRKAG2	q36.1	0.097	0.933
SNP_A-4266687	7	151153648	rs1108845	PRKAG2	q36.1	0.082	0.122
SNP_A-8426165	7	151156399	rs11773373	PRKAG2	q36.1	0.251	0.400
SNP_A-8434452	7	151171892	rs1109277	PRKAG2	q36.1	0.456	0.525
SNP_A-8675572	7	151175924	rs11772236	PRKAG2	q36.1	0.351	0.257
SNP_A-8490884	7	151177522	rs7795096	PRKAG2	q36.1	0.500	0.419
SNP_A-8586815	7	151178940	rs10952322	PRKAG2	q36.1	0.141	0.148
SNP_A-8550960	7	151186459	rs6961830	PRKAG2	q36.1	0.174	0.117
SNP_A-8470212	7	151188347	rs6955784	PRKAG2	q36.1	0.316	0.610
SNP_A-8434380	7	151190466	rs12703164	PRKAG2	q36.1	0.326	0.052
SNP_A-8569100	8	79595987	rs13275966	PKIA	q21.12	0.105	0.944
SNP_A-4213048	8	79613925	rs10504676	PKIA	q21.12	0.108	0.470
SNP_A-2161348	8	79663796	rs16905824	PKIA	q21.12	0.112	0.775
SNP_A-1956412	9	127239694	rs1129	MAPKAP1	q33.3	0.365	0.793
SNP_A-4282148	9	127244580	rs7023669	MAPKAP1	q33.3	0.247	0.329
SNP_A-8599260	9	127248748	rs10760398	MAPKAP1	q33.3	0.322	0.554
SNP_A-4282551	9	127262845	rs7853181	MAPKAP1	q33.3	0.447	0.743
SNP_A-2072855	9	127272220	rs1891034	MAPKAP1	q33.3	0.295	0.831
SNP_A-4202742	9	127290230	rs7046471	MAPKAP1	q33.3	0.314	0.837
SNP_A-2252873	9	127300783	rs7022356	MAPKAP1	q33.3	0.256	0.902
SNP_A-8519067	9	127303238	rs10986778	MAPKAP1	q33.3	0.252	0.779
SNP_A-2026967	9	127315812	rs4837018	MAPKAP1	q33.3	0.464	0.460
SNP_A-8595602	9	127315902	rs4837019	MAPKAP1	q33.3	0.417	0.403
SNP_A-8590962	9	127321243	rs12555339	MAPKAP1	q33.3	0.157	0.800
SNP_A-8589561	9	127328249	rs10120000	MAPKAP1	q33.3	0.361	0.958
SNP_A-2215776	9	127339426	rs522894	MAPKAP1	q33.3	0.170	0.996
SNP_A-2171695	9	127356466	rs829179	MAPKAP1	q33.3	0.084	0.148
SNP_A-2199117	9	127365755	rs530628	MAPKAP1	q33.3	0.471	0.971
SNP_A-1848511	9	127365776	rs494760	MAPKAP1	q33.3	0.057	0.474
SNP_A-8644670	9	127380762	rs12341245	MAPKAP1	q33.3	0.389	0.510
SNP_A-8521766	9	127380844	rs577026	MAPKAP1	q33.3	0.433	0.875
SNP_A-4299286	9	127402558	rs476819	MAPKAP1	q33.3	0.440	0.959
SNP_A-8480814	9	127404722	rs4838276	MAPKAP1	q33.3	0.358	0.603
SNP_A-2061428	9	127409045	rs534214	MAPKAP1	q33.3	0.468	0.822
SNP_A-4241559	9	127417694	rs829312	MAPKAP1	q33.3	0.462	0.553
SNP_A-2152300	9	127434444	rs829311	MAPKAP1	q33.3	0.447	0.771
SNP_A-1811907	9	127447119	rs13300639	MAPKAP1	q33.3	0.385	0.571
SNP_A-2221033	9	127449549	rs13292924	MAPKAP1	q33.3	0.389	0.485
SNP_A-1927284	9	127462849	rs551938	MAPKAP1	q33.3	0.276	0.579
SNP_A-4217995	9	127468088	rs626208	MAPKAP1	q33.3	0.426	0.817
SNP_A-2031839	9	127476230	rs17350527	MAPKAP1	q33.3	0.079	0.920
SNP_A-8390436	9	127477826	rs1250736	MAPKAP1	q33.3	0.438	0.954
SNP_A-4258438	9	127486186	rs4838284	MAPKAP1	q33.3	0.382	0.739
SNP_A-4267739	9	127486709	rs4838285	MAPKAP1	q33.3	0.408	0.709
SNP_A-8559768	9	127488612	rs7862834	MAPKAP1	q33.3	0.135	0.201
SNP_A-8354506	9	127488906	rs7863341	MAPKAP1	q33.3	0.430	1.000
SNP_A-1919232	9	127496460	rs17259739	MAPKAP1	q33.3	0.386	0.528
SNP_A-1864261	10	6509161	rs582052	PRKCQ	p15.1	0.480	0.936
SNP_A-2136491	10	6509330	rs4750439	PRKCQ	p15.1	0.248	0.850
SNP_A-2298977	10	6509679	rs2453	PRKCQ	p15.1	0.240	0.729
SNP_A-2296825	10	6509823	rs2236380	PRKCQ	p15.1	0.279	0.541
SNP_A-8400784	10	6511000	rs17299670	PRKCQ	p15.1	0.095	0.861
SNP_A-1913515	10	6511349	rs681071	PRKCQ	p15.1	0.074	0.839
SNP_A-1869427	10	6511822	rs11596750	PRKCQ	p15.1	0.273	0.444
SNP_A-1867637	10	6512253	rs1889001	PRKCQ	p15.1	0.481	0.681
SNP_A-2239045	10	6512897	rs11258747	PRKCQ	p15.1	0.193	0.075
SNP_A-2241917	10	6514033	rs10796145	PRKCQ	p15.1	0.276	0.704
SNP_A-1847461	10	6517273	rs677986	PRKCQ	p15.1	0.253	0.904
SNP_A-8635664	10	6521233	rs12358161	PRKCQ	p15.1	0.141	0.212
SNP_A-1906357	10	6521410	rs961203	PRKCQ	p15.1	0.058	0.945
SNP_A-8550681	10	6525728	rs7918373	PRKCQ	p15.1	0.107	0.369
SNP_A-8457248	10	6526588	rs17372283	PRKCQ	p15.1	0.196	0.117
SNP_A-8386893	10	6526617	rs624016	PRKCQ	p15.1	0.355	0.838
SNP_A-8488485	10	6527780	rs12573280	PRKCQ	p15.1	0.342	0.851
SNP_A-1993466	10	6537313	rs10508307	PRKCQ	p15.1	0.167	0.214
SNP_A-1993467	10	6537428	rs586457	PRKCQ	p15.1	0.294	0.363
SNP_A-8453799	10	6538729	rs11258943	PRKCQ	p15.1	0.195	0.105
SNP_A-8541749	10	6538805	rs2296123	PRKCQ	p15.1	0.373	0.620
SNP_A-4292124	10	6539234	rs4750491	PRKCQ	p15.1	0.348	0.064
SNP_A-1993470	10	6540724	rs7918923	PRKCQ	p15.1	0.067	0.889
SNP_A-4266973	10	6541194	rs7099451	PRKCQ	p15.1	0.280	0.176
SNP_A-2039362	10	6541451	rs4750495	PRKCQ	p15.1	0.279	0.332
SNP_A-4266974	10	6542103	rs10508308	PRKCQ	p15.1	0.054	0.273

SNP_A-8291581	10	6543456	rs618020	PRKCQ	p15.1	0.104	0.299
SNP_A-1832746	10	6543737	rs4364968	PRKCQ	p15.1	0.374	0.817
SNP_A-1993472	10	6543900	rs12146312	PRKCQ	p15.1	0.271	0.625
SNP_A-8285432	10	6545937	rs3793726	PRKCQ	p15.1	0.065	0.782
SNP_A-8656095	10	6550540	rs7895774	PRKCQ	p15.1	0.295	0.241
SNP_A-2155816	10	6551392	rs591441	PRKCQ	p15.1	0.201	0.787
SNP_A-4266976	10	6560590	rs7083579	PRKCQ	p15.1	0.183	0.866
SNP_A-2259259	10	6561540	rs11259097	PRKCQ	p15.1	0.153	0.267
SNP_A-1865803	10	6562704	rs3793730	PRKCQ	p15.1	0.120	0.478
SNP_A-8529759	10	6562914	rs494800	PRKCQ	p15.1	0.179	0.096
SNP_A-1944680	10	6565959	rs688879	PRKCQ	p15.1	0.400	0.850
SNP_A-1917353	10	6566503	rs501878	PRKCQ	p15.1	0.399	0.747
SNP_A-8348401	10	6567149	rs2236379	PRKCQ	p15.1	0.270	0.847
SNP_A-1825925	10	6567350	rs661891	PRKCQ	p15.1	0.475	0.703
SNP_A-2294075	10	6572010	rs41367851	PRKCQ	p15.1	0.063	0.094
SNP_A-8472588	10	6573883	rs3815975	PRKCQ	p15.1	0.410	0.157
SNP_A-8510994	10	6573906	rs3815974	PRKCQ	p15.1	0.410	0.230
SNP_A-8285440	10	6575438	rs634492	PRKCQ	p15.1	0.358	0.407
SNP_A-2087308	10	6576558	rs6602745	PRKCQ	p15.1	0.103	0.833
SNP_A-1863206	10	6577043	rs11259211	PRKCQ	p15.1	0.109	0.567
SNP_A-4220608	10	6580729	rs650652	PRKCQ	p15.1	0.354	0.235
SNP_A-4274400	10	6585110	rs510745	PRKCQ	p15.1	0.102	0.287
SNP_A-2300959	10	6586077	rs11259272	PRKCQ	p15.1	0.473	0.170
SNP_A-1855073	10	6590205	rs596866	PRKCQ	p15.1	0.185	0.099
SNP_A-8285454	10	6608207	rs4750565	PRKCQ	p15.1	0.123	0.166
SNP_A-1941092	10	6612231	rs11259403	PRKCQ	p15.1	0.352	0.171
SNP_A-2025910	10	6617372	rs12249263	PRKCQ	p15.1	0.257	0.219
SNP_A-2251216	10	6617679	rs11259425	PRKCQ	p15.1	0.134	0.458
SNP_A-1916412	10	6628023	rs10752351	PRKCQ	p15.1	0.181	0.978
SNP_A-2049930	10	6636248	rs6602820	PRKCQ	p15.1	0.452	0.580
SNP_A-1803276	10	6646292	rs4748152	PRKCQ	p15.1	0.148	0.880
SNP_A-8306656	10	6646441	rs943450	PRKCQ	p15.1	0.184	0.248
SNP_A-2122755	10	6648319	rs7072496	PRKCQ	p15.1	0.186	0.334
SNP_A-1890671	10	6648739	rs1887327	PRKCQ	p15.1	0.187	0.239
SNP_A-1938720	10	6651332	rs10906888	PRKCQ	p15.1	0.369	0.938
SNP_A-2087209	10	6654063	rs2387585	PRKCQ	p15.1	0.400	0.872
SNP_A-1993516	10	6656342	rs4620621	PRKCQ	p15.1	0.420	0.716
SNP_A-1993517	10	6656369	rs4750638	PRKCQ	p15.1	0.407	0.791
SNP_A-8627253	10	12433494	rs3013016	CAMK1D	p13	0.406	0.860
SNP_A-8299216	10	12442400	rs7909493	CAMK1D	p13	0.108	0.599
SNP_A-2248691	10	12443034	rs17151584	CAMK1D	p13	0.089	0.294
SNP_A-2073411	10	12452249	rs10906138	CAMK1D	p13	0.243	0.571
SNP_A-1803239	10	12455059	rs41407149	CAMK1D	p13	0.323	0.407
SNP_A-2063826	10	12455154	rs41325747	CAMK1D	p13	0.319	0.354
SNP_A-8565157	10	12458537	rs2724778	CAMK1D	p13	0.187	0.739
SNP_A-1879053	10	12459481	rs12261350	CAMK1D	p13	0.436	0.570
SNP_A-8599945	10	12479829	rs2801490	CAMK1D	p13	0.318	0.946
SNP_A-4272702	10	12485545	rs11257772	CAMK1D	p13	0.098	0.342
SNP_A-2084935	10	12486578	rs1892302	CAMK1D	p13	0.300	0.599
SNP_A-2155105	10	12496489	rs11257778	CAMK1D	p13	0.185	0.424
SNP_A-2298551	10	12498038	rs2399860	CAMK1D	p13	0.184	0.284
SNP_A-1817793	10	12504311	rs10795953	CAMK1D	p13	0.377	0.933
SNP_A-1896138	10	12504501	rs17136824	CAMK1D	p13	0.194	0.113
SNP_A-8471273	10	12504979	rs17136827	CAMK1D	p13	0.196	0.081
SNP_A-8394021	10	12505710	rs11257786	CAMK1D	p13	0.183	0.364
SNP_A-8532351	10	12507234	rs11592149	CAMK1D	p13	0.237	0.293
SNP_A-2048907	10	12508143	rs1111056	CAMK1D	p13	0.437	0.978
SNP_A-2163480	10	12518482	rs11595633	CAMK1D	p13	0.180	0.403
SNP_A-1995546	10	12519661	rs2399858	CAMK1D	p13	0.185	0.199
SNP_A-2053069	10	12520245	rs2768364	CAMK1D	p13	0.184	0.167
SNP_A-1920224	10	12520639	rs2801493	CAMK1D	p13	0.184	0.181
SNP_A-8707317	10	12524562	rs10906150	CAMK1D	p13	0.203	0.906
SNP_A-1840396	10	12527915	rs6602587	CAMK1D	p13	0.358	0.648
SNP_A-8349665	10	12528002	rs6602588	CAMK1D	p13	0.361	0.776
SNP_A-1950697	10	12530792	rs2768451	CAMK1D	p13	0.066	0.264
SNP_A-2150521	10	12530824	rs12763487	CAMK1D	p13	0.220	0.363
SNP_A-2303102	10	12531335	rs11596121	CAMK1D	p13	0.068	0.931
SNP_A-1915883	10	12531353	rs4750216	CAMK1D	p13	0.152	0.714
SNP_A-2134299	10	12533654	rs17569335	CAMK1D	p13	0.295	0.255
SNP_A-1792760	10	12535542	rs11257802	CAMK1D	p13	0.279	0.070
SNP_A-1995553	10	12537753	rs1108131	CAMK1D	p13	0.279	0.023
SNP_A-4267311	10	12537776	rs2768367	CAMK1D	p13	0.128	0.065
SNP_A-8280366	10	12539866	rs2399849	CAMK1D	p13	0.183	0.523
SNP_A-8475107	10	12540181	rs2815613	CAMK1D	p13	0.283	0.925

SNP_A-8456854	10	12544075	rs11257807	CAMK1D	p13	0.167	0.437
SNP_A-8280372	10	12551914	rs7893997	CAMK1D	p13	0.379	0.754
SNP_A-8280791	10	12551939	rs7894008	CAMK1D	p13	0.377	0.598
SNP_A-2234918	10	12555829	rs1543595	CAMK1D	p13	0.228	0.359
SNP_A-8286979	10	12557897	rs4620627	CAMK1D	p13	0.169	0.697
SNP_A-4254260	10	12559076	rs12251472	CAMK1D	p13	0.184	0.651
SNP_A-2183730	10	12559946	rs12780204	CAMK1D	p13	0.192	0.498
SNP_A-2201946	10	12560669	rs12784955	CAMK1D	p13	0.191	0.662
SNP_A-8643472	10	12560721	rs12762343	CAMK1D	p13	0.186	0.524
SNP_A-2055669	10	12563135	rs2768428	CAMK1D	p13	0.238	0.283
SNP_A-8652259	10	12571280	rs11257827	CAMK1D	p13	0.299	0.835
SNP_A-8452614	10	12571625	rs10906157	CAMK1D	p13	0.219	0.722
SNP_A-8609212	10	12573294	rs1998966	CAMK1D	p13	0.255	0.438
SNP_A-8346299	10	12573760	rs2768432	CAMK1D	p13	0.399	0.577
SNP_A-8633091	10	12574304	rs10906158	CAMK1D	p13	0.221	0.154
SNP_A-1925003	10	12575062	rs2768438	CAMK1D	p13	0.319	0.697
SNP_A-2312137	10	12575154	rs2768439	CAMK1D	p13	0.318	0.640
SNP_A-2203283	10	12575203	rs2768440	CAMK1D	p13	0.319	0.713
SNP_A-8478972	10	12577095	rs12248414	CAMK1D	p13	0.223	0.210
SNP_A-8543459	10	12577433	rs17151786	CAMK1D	p13	0.222	0.197
SNP_A-8393572	10	12578296	rs2399846	CAMK1D	p13	0.457	0.584
SNP_A-2099501	10	12578497	rs7078980	CAMK1D	p13	0.217	0.331
SNP_A-2300843	10	12581678	rs7081851	CAMK1D	p13	0.463	0.365
SNP_A-2145383	10	12584244	rs1108959	CAMK1D	p13	0.281	0.563
SNP_A-8602335	10	12584858	rs11257835	CAMK1D	p13	0.056	0.143
SNP_A-1944328	10	12590976	rs11257841	CAMK1D	p13	0.477	0.163
SNP_A-2032149	10	12593004	rs7911448	CAMK1D	p13	0.216	0.637
SNP_A-2166021	10	12594197	rs2815652	CAMK1D	p13	0.454	0.171
SNP_A-2244113	10	12594304	rs41336744	CAMK1D	p13	0.249	0.142
SNP_A-8326627	10	12610518	rs12356332	CAMK1D	p13	0.189	0.770
SNP_A-8395656	10	12612041	rs2815644	CAMK1D	p13	0.376	0.647
SNP_A-2045707	10	12613112	rs2768463	CAMK1D	p13	0.344	0.084
SNP_A-8685188	10	12616011	rs2815641	CAMK1D	p13	0.349	0.912
SNP_A-1878776	10	12617799	rs10458820	CAMK1D	p13	0.282	0.732
SNP_A-1811664	10	12617996	rs6602593	CAMK1D	p13	0.410	0.181
SNP_A-2313545	10	12619465	rs10458822	CAMK1D	p13	0.272	0.402
SNP_A-8581130	10	12620670	rs11257872	CAMK1D	p13	0.259	0.260
SNP_A-8607420	10	12622695	rs7910874	CAMK1D	p13	0.134	0.494
SNP_A-8534321	10	12622719	rs11257877	CAMK1D	p13	0.260	0.272
SNP_A-8367068	10	12622790	rs2815638	CAMK1D	p13	0.399	0.423
SNP_A-8605157	10	12623259	rs1126368	CAMK1D	p13	0.107	0.036
SNP_A-8628383	10	12623318	rs2492953	CAMK1D	p13	0.095	0.110
SNP_A-2073968	10	12624519	rs2815637	CAMK1D	p13	0.353	0.496
SNP_A-2182648	10	12626943	rs17493316	CAMK1D	p13	0.315	0.790
SNP_A-1874751	10	12629156	rs7078960	CAMK1D	p13	0.335	0.715
SNP_A-8356130	10	12631718	rs7897059	CAMK1D	p13	0.410	0.707
SNP_A-8633232	10	12634527	rs2815630	CAMK1D	p13	0.156	0.352
SNP_A-8604749	10	12637439	rs2815628	CAMK1D	p13	0.309	0.023
SNP_A-8452776	10	12637464	rs10906166	CAMK1D	p13	0.372	0.449
SNP_A-8520982	10	12637496	rs2815627	CAMK1D	p13	0.308	0.017
SNP_A-2000970	10	12639700	rs2815624	CAMK1D	p13	0.121	0.698
SNP_A-4268196	10	12640070	rs2815623	CAMK1D	p13	0.059	0.543
SNP_A-2046458	10	12640674	rs2768348	CAMK1D	p13	0.310	0.035
SNP_A-4255641	10	12641445	rs2648708	CAMK1D	p13	0.117	0.848
SNP_A-1874304	10	12641479	rs12773063	CAMK1D	p13	0.426	0.045
SNP_A-8657116	10	12641510	rs11257888	CAMK1D	p13	0.427	0.039
SNP_A-4223263	10	12643507	rs12764138	CAMK1D	p13	0.425	0.109
SNP_A-4302372	10	12644337	rs2815617	CAMK1D	p13	0.310	0.047
SNP_A-1809832	10	12644480	rs2768352	CAMK1D	p13	0.271	0.051
SNP_A-2181106	10	12646058	rs11257892	CAMK1D	p13	0.061	0.607
SNP_A-2312652	10	12646287	rs7896236	CAMK1D	p13	0.470	0.943
SNP_A-8280824	10	12648682	rs1409961	CAMK1D	p13	0.466	0.811
SNP_A-8367998	10	12652344	rs12572894	CAMK1D	p13	0.178	0.075
SNP_A-8443225	10	12656239	rs2815615	CAMK1D	p13	0.396	0.021
SNP_A-2100726	10	12668507	rs4364954	CAMK1D	p13	0.317	0.035
SNP_A-8471113	10	12669374	rs2895534	CAMK1D	p13	0.194	0.548
SNP_A-1949610	10	12672162	rs2399880	CAMK1D	p13	0.137	0.601
SNP_A-2181586	10	12673372	rs10732936	CAMK1D	p13	0.321	0.027
SNP_A-8332150	10	12678891	rs10906180	CAMK1D	p13	0.447	0.181
SNP_A-2224069	10	12680803	rs7911208	CAMK1D	p13	0.270	0.302
SNP_A-8621541	10	12681466	rs10795966	CAMK1D	p13	0.309	0.371
SNP_A-8293473	10	12685143	rs10906182	CAMK1D	p13	0.082	0.967
SNP_A-1933307	10	12685893	rs11596728	CAMK1D	p13	0.286	0.159
SNP_A-2237869	10	12686538	rs7906212	CAMK1D	p13	0.083	0.087

SNP_A-8491054	10	12686819	rs17151970	CAMK1D	p13	0.142	0.262
SNP_A-1870292	10	12688155	rs17151973	CAMK1D	p13	0.262	0.366
SNP_A-8377666	10	12690925	rs12414714	CAMK1D	p13	0.101	0.149
SNP_A-2247873	10	12695806	rs879753	CAMK1D	p13	0.268	0.511
SNP_A-4234545	10	12698876	rs17152001	CAMK1D	p13	0.070	0.536
SNP_A-1807273	10	12698895	rs7912882	CAMK1D	p13	0.423	0.154
SNP_A-8390763	10	12700517	rs11257918	CAMK1D	p13	0.259	0.834
SNP_A-2241975	10	12709055	rs11257922	CAMK1D	p13	0.490	0.975
SNP_A-2127934	10	12709525	rs11595663	CAMK1D	p13	0.264	0.918
SNP_A-8562082	10	12717620	rs17152037	CAMK1D	p13	0.300	0.607
SNP_A-8286980	10	12721626	rs6602603	CAMK1D	p13	0.405	0.897
SNP_A-8318937	10	12722851	rs10450540	CAMK1D	p13	0.287	0.860
SNP_A-8344907	10	12731061	rs7921813	CAMK1D	p13	0.116	0.771
SNP_A-8653506	10	12731450	rs12248346	CAMK1D	p13	0.279	0.976
SNP_A-8412541	10	12731582	rs17495691	CAMK1D	p13	0.120	0.660
SNP_A-8410169	10	12735393	rs7071404	CAMK1D	p13	0.345	0.624
SNP_A-8595078	10	12736126	rs11257930	CAMK1D	p13	0.477	0.234
SNP_A-8641387	10	12736967	rs4750247	CAMK1D	p13	0.330	0.426
SNP_A-2121832	10	12739541	rs7905330	CAMK1D	p13	0.458	0.433
SNP_A-8423981	10	12741948	rs11257932	CAMK1D	p13	0.120	0.229
SNP_A-2286665	10	12744197	rs10752271	CAMK1D	p13	0.088	0.161
SNP_A-2000973	10	12746743	rs4417163	CAMK1D	p13	0.452	0.098
SNP_A-2100883	10	12747804	rs10906199	CAMK1D	p13	0.211	0.544
SNP_A-4286379	10	12749730	rs7091959	CAMK1D	p13	0.347	0.904
SNP_A-8498736	10	12757339	rs10795975	CAMK1D	p13	0.466	0.105
SNP_A-8555611	10	12760690	rs4747996	CAMK1D	p13	0.346	0.841
SNP_A-2046604	10	12761513	rs7893280	CAMK1D	p13	0.089	0.152
SNP_A-1995627	10	12762565	rs10508446	CAMK1D	p13	0.346	0.724
SNP_A-8482203	10	12764818	rs4520494	CAMK1D	p13	0.351	0.451
SNP_A-8451250	10	12766067	rs2895526	CAMK1D	p13	0.456	0.159
SNP_A-1995628	10	12783648	rs2399864	CAMK1D	p13	0.373	0.951
SNP_A-1913139	10	12784342	rs4623785	CAMK1D	p13	0.053	0.812
SNP_A-8465069	10	12787534	rs4237425	CAMK1D	p13	0.346	0.736
SNP_A-8430451	10	12787678	rs11257948	CAMK1D	p13	0.304	0.352
SNP_A-8415106	10	12788822	rs4750249	CAMK1D	p13	0.227	0.816
SNP_A-8446711	10	12801690	rs7923465	CAMK1D	p13	0.483	0.232
SNP_A-4267327	10	12802309	rs723211	CAMK1D	p13	0.486	0.388
SNP_A-1995632	10	12802482	rs723210	CAMK1D	p13	0.488	0.412
SNP_A-4245317	10	12811686	rs7077423	CAMK1D	p13	0.319	0.709
SNP_A-2000974	10	12818978	rs4750253	CAMK1D	p13	0.443	0.872
SNP_A-4213319	10	12832547	rs17152197	CAMK1D	p13	0.175	0.575
SNP_A-8381455	10	12833952	rs11596618	CAMK1D	p13	0.138	0.274
SNP_A-4229534	10	12834342	rs17152205	CAMK1D	p13	0.172	0.378
SNP_A-8632789	10	12837291	rs10906218	CAMK1D	p13	0.131	0.396
SNP_A-8281253	10	12837764	rs4132050	CAMK1D	p13	0.338	0.645
SNP_A-1995641	10	12837834	rs41380844	CAMK1D	p13	0.206	0.450
SNP_A-8286981	10	12837860	rs4132049	CAMK1D	p13	0.281	0.329
SNP_A-1828085	10	12838603	rs4078402	CAMK1D	p13	0.363	0.346
SNP_A-2071684	10	12840721	rs10752275	CAMK1D	p13	0.102	0.467
SNP_A-8348419	10	12841507	rs2989500	CAMK1D	p13	0.371	0.844
SNP_A-1897320	10	12844670	rs11257974	CAMK1D	p13	0.111	0.349
SNP_A-2304748	10	12845297	rs3802573	CAMK1D	p13	0.110	0.533
SNP_A-4268197	10	12845383	rs3802572	CAMK1D	p13	0.494	0.445
SNP_A-2000976	10	12845436	rs3802570	CAMK1D	p13	0.335	0.535
SNP_A-8312142	10	12849037	rs11257979	CAMK1D	p13	0.072	0.905
SNP_A-1944793	10	12849657	rs7910587	CAMK1D	p13	0.216	0.097
SNP_A-8333183	10	12850576	rs2482052	CAMK1D	p13	0.204	0.436
SNP_A-1898790	10	12854906	rs3781076	CAMK1D	p13	0.117	0.333
SNP_A-8554443	10	12854934	rs2493775	CAMK1D	p13	0.208	0.550
SNP_A-8346697	10	12859895	rs4750258	CAMK1D	p13	0.286	0.505
SNP_A-2057033	10	12860217	rs3802569	CAMK1D	p13	0.223	0.682
SNP_A-1847369	10	12866039	rs3802560	CAMK1D	p13	0.222	0.711
SNP_A-2200877	10	12868296	rs10906223	CAMK1D	p13	0.217	0.958
SNP_A-2033615	10	12868459	rs914328	CAMK1D	p13	0.217	0.958
SNP_A-8653306	10	12870975	rs12359004	CAMK1D	p13	0.053	0.161
SNP_A-8328214	10	12871675	rs12767282	CAMK1D	p13	0.166	0.708
SNP_A-1931100	10	12872599	rs4747999	CAMK1D	p13	0.427	0.867
SNP_A-8534490	10	12873618	rs11257991	CAMK1D	p13	0.099	0.343
SNP_A-8281277	10	12874932	rs928336	CAMK1D	p13	0.444	0.784
SNP_A-1995659	10	12875051	rs928337	CAMK1D	p13	0.393	0.524
SNP_A-1995661	10	12875594	rs2493766	CAMK1D	p13	0.375	0.573
SNP_A-8693709	10	12875731	rs11596463	CAMK1D	p13	0.328	0.322
SNP_A-1876279	10	12876178	rs10906224	CAMK1D	p13	0.333	0.398
SNP_A-1995662	10	12876488	rs17152268	CAMK1D	p13	0.073	0.176

SNP_A-8281665	10	12876558	rs1929389	CAMK1D	p13	0.447	0.743
SNP_A-8281666	10	12876607	rs1929388	CAMK1D	p13	0.418	0.747
SNP_A-4213320	10	12876845	rs1929383	CAMK1D	p13	0.418	0.821
SNP_A-4233438	10	12877448	rs34278684	CAMK1D	p13	0.069	0.069
SNP_A-1936417	10	12880848	rs1556408	CAMK1D	p13	0.375	0.695
SNP_A-1899081	10	12882185	rs41402449	CAMK1D	p13	0.060	0.114
SNP_A-1806035	10	12887844	rs4750267	CAMK1D	p13	0.387	0.396
SNP_A-8584436	10	12888039	rs17136885	CAMK1D	p13	0.083	0.229
SNP_A-8488232	10	12890242	rs1999369	CAMK1D	p13	0.088	0.272
SNP_A-2111454	10	12890474	rs10906229	CAMK1D	p13	0.364	0.377
SNP_A-8659980	10	12891662	rs12358381	CAMK1D	p13	0.279	0.034
SNP_A-2195214	10	12895162	rs11258009	CAMK1D	p13	0.106	0.192
SNP_A-8700699	10	12901951	rs1630635	CAMK1D	p13	0.086	0.430
SNP_A-2227562	10	12902342	rs1627294	CAMK1D	p13	0.207	0.564
SNP_A-2179057	10	12904316	rs1644428	CAMK1D	p13	0.289	0.605
SNP_A-8648723	10	12904400	rs1757052	CAMK1D	p13	0.289	0.916
SNP_A-8331063	10	12907604	rs1757051	CAMK1D	p13	0.253	0.440
SNP_A-2059103	10	12908310	rs1644391	CAMK1D	p13	0.293	0.730
SNP_A-2124948	10	30771645	rs8176983	MAP3K8	p11.23	0.092	0.577
SNP_A-1805768	10	30771666	rs8176984	MAP3K8	p11.23	0.092	0.898
SNP_A-1908602	10	30774889	rs598009	MAP3K8	p11.23	0.214	0.083
SNP_A-2243084	10	30779064	rs303428	MAP3K8	p11.23	0.382	0.063
SNP_A-8290587	10	30780385	rs303426	MAP3K8	p11.23	0.378	0.092
SNP_A-1924274	10	30784089	rs650788	MAP3K8	p11.23	0.138	0.119
SNP_A-2175385	10	30788504	rs8177029	MAP3K8	p11.23	0.108	0.944
SNP_A-2136321	10	49197212	rs7068398	MAPK8	q11.22	0.211	0.906
SNP_A-2000433	10	49217160	rs1112268	MAPK8	q11.22	0.214	0.665
SNP_A-4222841	10	49220700	rs6537561	MAPK8	q11.22	0.428	0.941
SNP_A-4220841	10	49235992	rs2590391	MAPK8	q11.22	0.214	0.521
SNP_A-2257035	10	49239736	rs17697885	MAPK8	q11.22	0.098	0.627
SNP_A-4283442	10	49246884	rs1881735	MAPK8	q11.22	0.214	0.696
SNP_A-2163878	10	49261724	rs2698761	MAPK8	q11.22	0.429	0.885
SNP_A-4272127	10	49262758	rs17010430	MAPK8	q11.22	0.055	0.385
SNP_A-1781918	10	49264246	rs10857560	MAPK8	q11.22	0.432	0.760
SNP_A-1816092	10	49265870	rs17697960	MAPK8	q11.22	0.111	0.569
SNP_A-8497559	10	49275145	rs2440861	MAPK8	q11.22	0.312	0.959
SNP_A-8675548	10	49278796	rs17697978	MAPK8	q11.22	0.062	0.679
SNP_A-2146965	10	49279184	rs17698002	MAPK8	q11.22	0.061	0.642
SNP_A-4248684	10	49290273	rs9888128	MAPK8	q11.22	0.427	0.867
SNP_A-8329336	10	49297918	rs2289805	MAPK8	q11.22	0.162	0.925
SNP_A-2000441	10	49312152	rs11101320	MAPK8	q11.22	0.425	0.688
SNP_A-2000443	10	49312216	rs7086275	MAPK8	q11.22	0.425	0.681
SNP_A-1789847	10	75247849	rs7080350	CAMK2G	q22.2	0.433	0.233
SNP_A-2044332	10	75287350	rs2664280	CAMK2G	q22.2	0.476	0.642
SNP_A-2176677	10	75302766	rs2675671	CAMK2G	q22.2	0.472	0.625
SNP_A-8327814	11	65124899	rs10791821	MAP3K11	q13.1	0.252	0.810
SNP_A-2011704	11	65128180	rs1151488	MAP3K11	q13.1	0.296	0.375
SNP_A-8461425	11	65129094	rs7116712	MAP3K11	q13.1	0.428	0.443
SNP_A-8708739	12	52166920	rs7958457	MAP3K12	q13.13	0.119	0.921
SNP_A-4272432	12	110765396	rs4767068	MAPKAPK5	q24.12	0.182	0.380
SNP_A-8385458	12	110769925	rs4346023	MAPKAPK5	q24.12	0.292	0.943
SNP_A-8459039	12	110807399	rs12315146	MAPKAPK5	q24.13	0.092	0.387
SNP_A-4219242	12	110809229	rs12423041	MAPKAPK5	q24.13	0.157	0.808
SNP_A-1892912	12	110811440	rs16941724	MAPKAPK5	q24.13	0.067	0.252
SNP_A-2270138	12	118590759	rs6490267	PRKAB1	q24.23	0.329	0.731
SNP_A-4303936	12	118600877	rs278151	PRKAB1	q24.23	0.312	0.877
SNP_A-8478035	12	118603566	rs4213	PRKAB1	q24.23	0.311	0.831
SNP_A-8374131	12	120164843	rs11065504	CAMKK2	q24.31	0.344	0.281
SNP_A-8695002	12	120165521	rs1653591	CAMKK2	q24.31	0.221	0.148
SNP_A-2062663	12	120165919	rs1140886	CAMKK2	q24.31	0.278	0.565
SNP_A-2201096	12	120166070	rs1063843	CAMKK2	q24.31	0.222	0.135
SNP_A-2167062	12	120169571	rs2686342	CAMKK2	q24.31	0.222	0.193
SNP_A-8437553	12	120170167	rs3794208	CAMKK2	q24.31	0.129	0.656
SNP_A-2113248	12	120171857	rs2288693	CAMKK2	q24.31	0.050	0.225
SNP_A-8330751	12	120179905	rs2686346	CAMKK2	q24.31	0.463	0.447
SNP_A-8332641	12	120192654	rs1718123	CAMKK2	q24.31	0.498	0.212
SNP_A-4257403	12	120199778	rs9805130	CAMKK2	q24.31	0.411	0.271
SNP_A-8353111	14	50008958	rs4898658	MAP4K5	q22.1	0.075	0.512
SNP_A-4260067	14	50017222	rs11157745	MAP4K5	q22.1	0.088	0.687
SNP_A-2092571	14	50038960	rs2180499	MAP4K5	q22.1	0.053	0.566
SNP_A-4282792	14	50039198	rs2144975	MAP4K5	q22.1	0.052	0.589
SNP_A-8498776	14	50043382	rs17718580	MAP4K5	q22.1	0.094	0.091
SNP_A-8388911	14	50058668	rs12882884	MAP4K5	q22.1	0.137	0.820
SNP_A-4297690	14	50062686	rs7160618	MAP4K5	q22.1	0.073	0.448

SNP_A-1874459	14	54599873	rs3742564	MAPK1IP1L	q22.3	0.357	0.739
SNP_A-1911919	14	54606159	rs17128145	MAPK1IP1L	q22.3	0.350	0.761
SNP_A-1931984	14	60859258	rs4902046	PRKCH	q23.1	0.063	0.319
SNP_A-8636880	14	60860747	rs8017122	PRKCH	q23.1	0.086	0.442
SNP_A-8713785	14	60868578	rs12101174	PRKCH	q23.1	0.074	0.166
SNP_A-4294311	14	60883016	rs1957902	PRKCH	q23.1	0.301	0.682
SNP_A-8529720	14	60885908	rs6573381	PRKCH	q23.1	0.088	0.060
SNP_A-8463426	14	60886593	rs1033910	PRKCH	q23.1	0.271	0.919
SNP_A-1829740	14	60887286	rs2181987	PRKCH	q23.1	0.084	0.215
SNP_A-8535987	14	60888413	rs8012072	PRKCH	q23.1	0.178	0.672
SNP_A-8672839	14	60895660	rs12437249	PRKCH	q23.1	0.264	0.525
SNP_A-2159814	14	60897022	rs6573385	PRKCH	q23.1	0.083	0.083
SNP_A-2288081	14	60901613	rs17098278	PRKCH	q23.1	0.112	0.133
SNP_A-1906709	14	60901663	rs17098279	PRKCH	q23.1	0.054	0.521
SNP_A-8324232	14	60909131	rs8009446	PRKCH	q23.1	0.100	0.584
SNP_A-8511480	14	60915883	rs10149384	PRKCH	q23.1	0.145	0.318
SNP_A-8472809	14	60922546	rs1886467	PRKCH	q23.1	0.158	0.192
SNP_A-4240469	14	60922603	rs12100914	PRKCH	q23.1	0.103	0.523
SNP_A-8294325	14	60923549	rs4902052	PRKCH	q23.1	0.223	0.116
SNP_A-2298831	14	60929984	rs1957907	PRKCH	q23.1	0.071	0.938
SNP_A-8540419	14	60931057	rs1957910	PRKCH	q23.1	0.070	0.562
SNP_A-8439856	14	60935032	rs1957912	PRKCH	q23.1	0.380	0.913
SNP_A-8701557	14	60936263	rs12887002	PRKCH	q23.1	0.306	0.512
SNP_A-8409595	14	60944127	rs767757	PRKCH	q23.1	0.386	0.645
SNP_A-1937739	14	60944201	rs767755	PRKCH	q23.1	0.322	0.956
SNP_A-8459867	14	60946310	rs10149839	PRKCH	q23.1	0.311	0.898
SNP_A-8301275	14	60949570	rs12892443	PRKCH	q23.1	0.287	0.590
SNP_A-4249665	14	60950281	rs1536014	PRKCH	q23.1	0.094	0.033
SNP_A-8615384	14	60952025	rs1570718	PRKCH	q23.1	0.229	0.960
SNP_A-8612050	14	60955193	rs4605077	PRKCH	q23.1	0.178	0.690
SNP_A-8486057	14	60955610	rs11627158	PRKCH	q23.1	0.178	0.690
SNP_A-2089042	14	60956159	rs7155214	PRKCH	q23.1	0.177	0.653
SNP_A-8299147	14	60956523	rs12590425	PRKCH	q23.1	0.272	0.204
SNP_A-8612265	14	60957230	rs11852192	PRKCH	q23.1	0.094	0.028
SNP_A-8712360	14	60959051	rs17098343	PRKCH	q23.1	0.378	0.635
SNP_A-2301229	14	60959560	rs11627926	PRKCH	q23.1	0.258	0.151
SNP_A-2238813	14	60962944	rs11621346	PRKCH	q23.1	0.229	0.581
SNP_A-1788892	14	60968333	rs17098351	PRKCH	q23.1	0.294	0.908
SNP_A-2039744	14	60968592	rs17098356	PRKCH	q23.1	0.281	0.704
SNP_A-2129880	14	60969235	rs12590817	PRKCH	q23.1	0.203	0.912
SNP_A-8641436	14	60986931	rs2296274	PRKCH	q23.1	0.230	0.417
SNP_A-8651310	14	60997338	rs8010084	PRKCH	q23.1	0.070	0.238
SNP_A-4240499	14	61003289	rs912617	PRKCH	q23.1	0.078	0.504
SNP_A-2267277	14	61004561	rs8019776	PRKCH	q23.1	0.050	0.641
SNP_A-2003779	14	61005927	rs8011286	PRKCH	q23.1	0.055	0.920
SNP_A-8641445	14	61006917	rs3783787	PRKCH	q23.1	0.269	0.957
SNP_A-4280842	14	61006977	rs3783786	PRKCH	q23.1	0.223	0.934
SNP_A-4294328	14	61007554	rs10483734	PRKCH	q23.1	0.060	0.577
SNP_A-8641448	14	61007908	rs4899049	PRKCH	q23.1	0.057	0.989
SNP_A-1793744	14	61009324	rs11621877	PRKCH	q23.1	0.270	0.314
SNP_A-8462185	14	61010663	rs2181985	PRKCH	q23.1	0.275	0.310
SNP_A-8312482	14	61010694	rs2147539	PRKCH	q23.1	0.349	0.495
SNP_A-1951245	14	61013639	rs4899050	PRKCH	q23.1	0.236	0.315
SNP_A-8532254	14	61014635	rs1886461	PRKCH	q23.1	0.286	0.505
SNP_A-2138779	14	61014730	rs1886462	PRKCH	q23.1	0.089	0.294
SNP_A-2223822	14	61017755	rs8008798	PRKCH	q23.1	0.142	0.408
SNP_A-8642218	14	61018804	rs1886464	PRKCH	q23.1	0.151	0.574
SNP_A-2250360	14	61022592	rs17098514	PRKCH	q23.1	0.062	0.677
SNP_A-8716034	14	61022928	rs3783770	PRKCH	q23.1	0.104	0.459
SNP_A-8642254	14	61026577	rs4902064	PRKCH	q23.1	0.173	0.901
SNP_A-1891340	14	61026753	rs17098533	PRKCH	q23.1	0.108	0.366
SNP_A-4282562	14	61028043	rs17098542	PRKCH	q23.1	0.132	0.539
SNP_A-8545275	14	61030659	rs12433533	PRKCH	q23.1	0.137	0.387
SNP_A-8677144	14	61030926	rs12437374	PRKCH	q23.1	0.111	0.516
SNP_A-2200645	14	61031163	rs12897140	PRKCH	q23.1	0.132	0.691
SNP_A-8513807	14	61035197	rs10459519	PRKCH	q23.1	0.137	0.570
SNP_A-8598249	14	61042568	rs2245448	PRKCH	q23.1	0.235	0.697
SNP_A-8373742	14	61045858	rs1088681	PRKCH	q23.1	0.151	0.556
SNP_A-8462507	14	61048031	rs1091679	PRKCH	q23.1	0.166	0.555
SNP_A-8469231	14	61050277	rs2249032	PRKCH	q23.1	0.096	0.448
SNP_A-8642978	14	61051517	rs3783759	PRKCH	q23.1	0.212	0.200
SNP_A-8482974	14	61053696	rs3751289	PRKCH	q23.1	0.199	0.671
SNP_A-2273834	14	61054437	rs2252267	PRKCH	q23.1	0.281	0.311
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SNP_A-2133624	14	61058766	rs10134093	PRKCH	q23.1	0.109	0.791
SNP_A-8642997	14	61059814	rs12586812	PRKCH	q23.1	0.221	0.368
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SNP_A-1811178	14	61069272	rs1091678	PRKCH	q23.1	0.298	0.880
SNP_A-2310675	14	61069456	rs1088677	PRKCH	q23.1	0.120	0.714
SNP_A-8496783	14	61072425	rs2950274	PRKCH	q23.1	0.121	0.314
SNP_A-8643707	14	61073931	rs1088671	PRKCH	q23.1	0.158	0.144
SNP_A-8643708	14	61074052	rs1088672	PRKCH	q23.1	0.161	0.121
SNP_A-8356568	14	61079359	rs2246850	PRKCH	q23.1	0.176	0.059
SNP_A-8650239	14	61079990	rs3783754	PRKCH	q23.1	0.110	0.298
SNP_A-2223910	14	61080552	rs10483743	PRKCH	q23.1	0.069	0.211
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SNP_A-1848490	14	61084042	rs2184633	PRKCH	q23.1	0.245	0.605
SNP_A-2003824	14	70270685	rs6573978	MAP3K9	q24.2	0.098	0.344
SNP_A-2248156	14	70271557	rs4899367	MAP3K9	q24.2	0.067	0.154
SNP_A-4297560	14	70272403	rs4141095	MAP3K9	q24.2	0.099	0.371
SNP_A-8356985	14	70274122	rs8011047	MAP3K9	q24.2	0.128	0.489
SNP_A-4295038	14	70281911	rs10483834	MAP3K9	q24.2	0.262	0.430
SNP_A-8638760	14	70282567	rs2269946	MAP3K9	q24.2	0.052	0.174
SNP_A-2208009	14	70285133	rs2332457	MAP3K9	q24.2	0.426	0.224
SNP_A-2229795	14	70288963	rs4902846	MAP3K9	q24.2	0.297	0.599
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SNP_A-8638766	14	70291818	rs1476609	MAP3K9	q24.2	0.143	0.446
SNP_A-2130417	14	70297666	rs3814872	MAP3K9	q24.2	0.109	0.473
SNP_A-2065586	14	70298454	rs9323548	MAP3K9	q24.2	0.296	0.437
SNP_A-8450780	14	70298991	rs12886990	MAP3K9	q24.2	0.296	0.452
SNP_A-2229802	14	70299034	rs886600	MAP3K9	q24.2	0.406	0.610
SNP_A-2070980	14	70302336	rs8019448	MAP3K9	q24.2	0.330	0.480
SNP_A-1872624	14	70302669	rs4902852	MAP3K9	q24.2	0.108	0.467
SNP_A-2264291	14	70305756	rs17176985	MAP3K9	q24.2	0.266	0.442
SNP_A-8564526	14	70316721	rs2158531	MAP3K9	q24.2	0.304	0.342
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SNP_A-1780365	14	70319555	rs17108533	MAP3K9	q24.2	0.086	0.782
SNP_A-1841348	14	70322822	rs17177097	MAP3K9	q24.2	0.314	0.591
SNP_A-8565267	14	70324451	rs1034769	MAP3K9	q24.2	0.108	0.470
SNP_A-8461892	14	70325188	rs17108539	MAP3K9	q24.2	0.245	0.507
SNP_A-8608551	14	70325249	rs17108540	MAP3K9	q24.2	0.086	0.780
SNP_A-8655808	14	70325659	rs11626707	MAP3K9	q24.2	0.475	0.431
SNP_A-2227015	14	70326120	rs12590049	MAP3K9	q24.2	0.316	0.629
SNP_A-1936193	14	70327353	rs12437113	MAP3K9	q24.2	0.160	0.397
SNP_A-1917047	14	70332685	rs17766621	MAP3K9	q24.2	0.370	0.639
SNP_A-8399146	14	70334426	rs17108554	MAP3K9	q24.2	0.295	0.684
SNP_A-8309803	14	70338864	rs4899371	MAP3K9	q24.2	0.380	0.913
SNP_A-1782420	14	70340808	rs2023955	MAP3K9	q24.2	0.073	0.107
SNP_A-8630495	14	70341102	rs731571	MAP3K9	q24.2	0.246	0.458
SNP_A-1845711	14	70344332	rs10873243	MAP3K9	q24.2	0.301	0.442
SNP_A-1953652	14	70344430	rs7155910	MAP3K9	q24.2	0.085	0.423
SNP_A-8690902	14	70344475	rs11158882	MAP3K9	q24.2	0.303	0.423
SNP_A-2274082	15	39859915	rs1106934	MAPKBP1	q15.1	0.162	0.518
SNP_A-1906143	15	39878504	rs2925339	MAPKBP1	q15.1	0.322	0.156
SNP_A-2085945	15	39878677	rs1197671	MAPKBP1	q15.1	0.305	0.370
SNP_A-8522318	15	39888986	rs16972089	MAPKBP1	q15.1	0.165	0.158
SNP_A-8311348	15	39889577	rs12440605	MAPKBP1	q15.1	0.484	0.957
SNP_A-8306551	15	50106988	rs11636443	MAPK6	q21.2	0.431	0.159
SNP_A-2272061	15	50127514	rs8034167	MAPK6	q21.2	0.154	0.294
SNP_A-1952547	15	64470005	rs12899337	MAP2K1	q22.31	0.078	0.911
SNP_A-1925869	15	64473824	rs16953563	MAP2K1	q22.31	0.271	0.378
SNP_A-8713578	15	64481485	rs16949879	MAP2K1	q22.31	0.311	0.713
SNP_A-1852767	15	64491503	rs2053005	MAP2K1	q22.31	0.079	0.690
SNP_A-8501008	15	64493559	rs12909274	MAP2K1	q22.31	0.154	0.620
SNP_A-1867883	15	64496440	rs7168238	MAP2K1	q22.31	0.080	0.982
SNP_A-8588910	15	64506335	rs1432441	MAP2K1	q22.31	0.309	0.860
SNP_A-1849420	15	64507780	rs11856814	MAP2K1	q22.31	0.079	0.947
SNP_A-1914187	15	64512399	rs11632225	MAP2K1	q22.31	0.153	0.858
SNP_A-1954607	15	64514651	rs16949924	MAP2K1	q22.31	0.308	0.759
SNP_A-8475137	15	64518339	rs8036023	MAP2K1	q22.31	0.311	0.493
SNP_A-8440548	15	64528441	rs11629783	MAP2K1	q22.31	0.246	0.348
SNP_A-1814659	15	64556238	rs4075665	MAP2K1	q22.31	0.080	0.982

SNP_A-2148826	15	64559061	rs4255740	MAP2K1	q22.31	0.307	0.661
SNP_A-8697907	15	64560787	rs11071894	MAP2K1	q22.31	0.087	0.248
SNP_A-1801907	15	64561613	rs11634062	MAP2K1	q22.31	0.150	0.789
SNP_A-8551688	15	64563494	rs12594592	MAP2K1	q22.31	0.149	0.374
SNP_A-1935747	15	65624462	rs2583587	MAP2K5	q23	0.235	0.129
SNP_A-8360146	15	65650917	rs16951010	MAP2K5	q23	0.086	0.813
SNP_A-4286893	15	65668983	rs6494673	MAP2K5	q23	0.086	0.813
SNP_A-4291519	15	65669085	rs4776366	MAP2K5	q23	0.094	0.834
SNP_A-4239542	15	65673405	rs10851775	MAP2K5	q23	0.084	0.842
SNP_A-8312471	15	65679820	rs3865018	MAP2K5	q23	0.280	0.764
SNP_A-8421418	15	65679846	rs17241808	MAP2K5	q23	0.467	0.327
SNP_A-1920885	15	65687522	rs1878700	MAP2K5	q23	0.091	0.939
SNP_A-2298097	15	65687937	rs1878699	MAP2K5	q23	0.395	0.943
SNP_A-4221018	15	65688586	rs12593494	MAP2K5	q23	0.240	0.104
SNP_A-8710024	15	65692960	rs11631249	MAP2K5	q23	0.149	0.102
SNP_A-8417413	15	65696333	rs12902812	MAP2K5	q23	0.280	0.745
SNP_A-2256338	15	65701806	rs2899728	MAP2K5	q23	0.085	0.748
SNP_A-8344362	15	65708228	rs8025889	LOC728643	q23	0.465	1.000
SNP_A-8637497	15	65721221	rs11631474	MAP2K5	q23	0.469	0.671
SNP_A-2228598	15	65738204	rs12438118	MAP2K5	q23	0.268	0.786
SNP_A-4224043	15	65739445	rs7170841	MAP2K5	q23	0.168	0.885
SNP_A-8422674	15	65739976	rs938875	MAP2K5	q23	0.457	0.763
SNP_A-2123861	15	65746518	rs8032675	MAP2K5	q23	0.458	0.815
SNP_A-1823224	15	65768232	rs16951125	MAP2K5	q23	0.085	0.201
SNP_A-2060485	15	65771759	rs4343227	MAP2K5	q23	0.171	0.998
SNP_A-2127307	15	65774855	rs4331293	MAP2K5	q23	0.288	0.778
SNP_A-8658737	15	65789656	rs3784695	MAP2K5	q23	0.481	0.484
SNP_A-4239546	15	65796629	rs6494691	MAP2K5	q23	0.184	0.707
SNP_A-2293047	15	65801304	rs10518738	MAP2K5	q23	0.170	0.996
SNP_A-8711200	15	65802025	rs10518739	MAP2K5	q23	0.451	0.779
SNP_A-8711202	15	65802293	rs11639267	MAP2K5	q23	0.171	0.851
SNP_A-2293054	15	65806172	rs10518740	MAP2K5	q23	0.091	0.971
SNP_A-8645513	15	65816234	rs3784705	MAP2K5	q23	0.169	0.925
SNP_A-1921942	15	65823906	rs12593813	MAP2K5	q23	0.354	0.927
SNP_A-4254017	15	65824632	rs11635424	MAP2K5	q23	0.354	0.927
SNP_A-8494788	15	65827320	rs12592315	MAP2K5	q23	0.496	0.686
SNP_A-1930409	15	65834069	rs16951231	MAP2K5	q23	0.095	0.473
SNP_A-8512670	15	65837831	rs7183639	MAP2K5	q23	0.097	0.400
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SNP_A-1957605	15	65842050	rs868037	MAP2K5	q23	0.352	0.968
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SNP_A-1811749	15	65845701	rs11071957	MAP2K5	q23	0.239	0.932
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SNP_A-8711241	15	65857673	rs4539549	MAP2K5	q23	0.408	0.561
SNP_A-2026619	15	65859129	rs4489954	MAP2K5	q23	0.333	0.716
SNP_A-2298200	15	65859329	rs3784709	MAP2K5	q23	0.353	0.711
SNP_A-2290742	15	65859435	rs17244601	MAP2K5	q23	0.136	0.411
SNP_A-8478894	15	65859581	rs3784711	MAP2K5	q23	0.402	0.607
SNP_A-2298955	15	65865472	rs4451902	MAP2K5	q23	0.146	0.773
SNP_A-1853662	15	65866142	rs12593640	MAP2K5	q23	0.091	0.572
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SNP_A-8442634	15	65875958	rs12905175	MAP2K5	q23	0.050	0.705
SNP_A-2210511	15	65877754	rs11856999	MAP2K5	q23	0.147	0.159
SNP_A-2293119	15	65877878	rs2127162	MAP2K5	q23	0.498	0.747
SNP_A-2040764	15	65882139	rs1026732	MAP2K5	q23	0.351	0.940
SNP_A-8366379	16	1699795	rs17135499	MAPK8IP3	p13.3	0.082	0.915
SNP_A-8711954	16	1701320	rs8059926	MAPK8IP3	p13.3	0.451	0.286
SNP_A-8656410	16	1705214	rs7197815	MAPK8IP3	p13.3	0.186	0.524
SNP_A-1807499	16	1724143	rs8049415	MAPK8IP3	p13.3	0.202	0.349
SNP_A-8304299	16	1752973	rs2294616	MAPK8IP3	p13.3	0.154	0.892
SNP_A-4254678	16	1757432	rs2575369	MAPK8IP3	p13.3	0.432	0.610
SNP_A-1845900	16	23761929	rs2188360	PRKCB	p12.1	0.248	0.978
SNP_A-8374349	16	23772091	rs7404095	PRKCB	p12.1	0.437	0.844
SNP_A-2070924	16	23772225	rs7404005	PRKCB	p12.1	0.230	0.542
SNP_A-8490323	16	23773033	rs2106375	PRKCB	p12.1	0.208	0.667
SNP_A-4292296	16	23773724	rs8056879	PRKCB	p12.1	0.365	0.663
SNP_A-2089348	16	23773826	rs17809041	PRKCB	p12.1	0.109	0.573
SNP_A-4298603	16	23774158	rs3785404	PRKCB	p12.1	0.158	0.876
SNP_A-1876648	16	23774414	rs11074583	PRKCB	p12.1	0.441	0.557
SNP_A-2176135	16	23774524	rs3785403	PRKCB	p12.1	0.387	0.955
SNP_A-4248739	16	23775277	rs2188355	PRKCB	p12.1	0.386	0.903
SNP_A-1881140	16	23777018	rs10852256	PRKCB	p12.1	0.443	0.252

SNP_A-4257477	16	23784730	rs3826260	PRKCB	p12.1	0.209	0.816
SNP_A-8588489	16	23784990	rs3826259	PRKCB	p12.1	0.492	0.930
SNP_A-4196839	16	23789545	rs8047317	PRKCB	p12.1	0.444	0.735
SNP_A-1785710	16	23790049	rs1468130	PRKCB	p12.1	0.496	0.446
SNP_A-8530187	16	23795684	rs9940072	PRKCB	p12.1	0.499	0.445
SNP_A-8583383	16	23798236	rs4592664	PRKCB	p12.1	0.183	0.197
SNP_A-2181637	16	23799646	rs1557671	PRKCB	p12.1	0.242	0.985
SNP_A-8622917	16	23810657	rs3785396	PRKCB	p12.1	0.267	0.231
SNP_A-8369294	16	23817486	rs11644907	PRKCB	p12.1	0.324	0.293
SNP_A-8414453	16	23819637	rs10775269	PRKCB	p12.1	0.430	0.255
SNP_A-8402079	16	23831007	rs1858871	PRKCB	p12.1	0.419	0.488
SNP_A-2050242	16	23832068	rs6497704	PRKCB	p12.1	0.051	0.245
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SNP_A-1860175	16	23852120	rs8051531	PRKCB	p12.1	0.385	0.691
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SNP_A-1866212	16	23857413	rs8053880	PRKCB	p12.1	0.381	0.700
SNP_A-2248922	16	23857686	rs8055831	PRKCB	p12.1	0.380	0.652
SNP_A-2172009	16	23861629	rs17810486	PRKCB	p12.1	0.058	0.162
SNP_A-1915601	16	23862011	rs195996	PRKCB	p12.1	0.419	0.842
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SNP_A-1827542	16	23866472	rs7196543	PRKCB	p12.1	0.364	0.592
SNP_A-4297289	16	23866921	rs1989647	PRKCB	p12.1	0.363	0.833
SNP_A-2093948	16	23871505	rs9940479	PRKCB	p12.1	0.153	0.630
SNP_A-2140826	16	23871593	rs120908	PRKCB	p12.1	0.398	0.520
SNP_A-2227424	16	23873587	rs196004	PRKCB	p12.1	0.399	0.409
SNP_A-1890610	16	23883794	rs4238948	PRKCB	p12.1	0.364	0.251
SNP_A-1900528	16	23884492	rs196008	PRKCB	p12.1	0.493	0.516
SNP_A-8312987	16	23885388	rs886116	PRKCB	p12.1	0.066	0.406
SNP_A-2112564	16	23891757	rs2340988	PRKCB	p12.1	0.463	0.266
SNP_A-8601754	16	23893896	rs2560401	PRKCB	p12.1	0.050	0.658
SNP_A-1797460	16	23894721	rs2560402	PRKCB	p12.1	0.161	0.081
SNP_A-8432561	16	23896190	rs196012	PRKCB	p12.1	0.205	0.612
SNP_A-8639169	16	23897168	rs196015	PRKCB	p12.1	0.168	0.540
SNP_A-2111531	16	23905489	rs7197785	PRKCB	p12.1	0.431	0.614
SNP_A-1901391	16	23914288	rs4788192	PRKCB	p12.1	0.393	0.939
SNP_A-1900564	16	23921025	rs7192816	PRKCB	p12.1	0.393	0.990
SNP_A-1817659	16	23922112	rs11074598	PRKCB	p12.1	0.435	0.376
SNP_A-8312993	16	23923602	rs10492795	PRKCB	p12.1	0.060	0.202
SNP_A-8600763	16	23925135	rs195992	PRKCB	p12.1	0.082	0.037
SNP_A-1821397	16	23926364	rs4788423	PRKCB	p12.1	0.358	0.897
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SNP_A-8533554	16	23930898	rs17811655	PRKCB	p12.1	0.135	0.436
SNP_A-4268738	16	23931809	rs4788426	PRKCB	p12.1	0.342	0.520
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SNP_A-8593480	16	23946409	rs12445528	PRKCB	p12.1	0.064	0.305
SNP_A-8717447	16	23946514	rs7202459	PRKCB	p12.1	0.280	0.356
SNP_A-1782983	16	23953095	rs4787291	PRKCB	p12.1	0.193	0.956
SNP_A-8676193	16	23957189	rs2046892	PRKCB	p12.1	0.461	0.117
SNP_A-2185697	16	23965640	rs16940401	PRKCB	p12.1	0.152	0.321
SNP_A-8416794	16	23967796	rs17812348	PRKCB	p12.1	0.213	0.242
SNP_A-4242819	16	23978645	rs8051750	PRKCB	p12.1	0.158	0.648
SNP_A-8290202	16	23978982	rs7193148	PRKCB	p12.1	0.158	0.681
SNP_A-2079303	16	23994362	rs9923820	PRKCB	p12.1	0.055	0.918
SNP_A-4193350	16	23995885	rs9938298	PRKCB	p12.1	0.246	0.228
SNP_A-8353462	16	24006028	rs6497721	PRKCB	p12.1	0.084	0.088
SNP_A-2238056	16	24007245	rs1014632	PRKCB	p12.1	0.438	0.695
SNP_A-2029202	16	24010063	rs2560406	PRKCB	p12.1	0.440	0.571
SNP_A-8571686	16	24011478	rs9928102	PRKCB	p12.1	0.076	0.805
SNP_A-2044622	16	24022987	rs405322	PRKCB	p12.1	0.480	0.903
SNP_A-8425689	16	24023323	rs392715	PRKCB	p12.1	0.338	0.329
SNP_A-4243810	16	24024978	rs2470688	PRKCB	p12.1	0.480	0.967
SNP_A-1848989	16	24035866	rs174828	PRKCB	p12.1	0.482	0.993
SNP_A-8524392	16	24035888	rs198197	PRKCB	p12.1	0.419	0.972
SNP_A-8491715	16	24036955	rs198199	PRKCB	p12.1	0.236	0.219
SNP_A-8630995	16	24037686	rs9937112	PRKCB	p12.1	0.088	0.364
SNP_A-2030963	16	24039886	rs198182	PRKCB	p12.1	0.237	0.224
SNP_A-8303509	16	24040070	rs11074606	PRKCB	p12.1	0.303	0.554
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SNP_A-4293880	16	24042613	rs1013316	PRKCB	p12.1	0.358	0.632
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SNP_A-1921094	16	24056542	rs198202	PRKCB	p12.1	0.348	0.271
SNP_A-1863454	16	24056638	rs16973277	PRKCB	p12.1	0.091	0.310
SNP_A-1797251	16	24059968	rs381901	PRKCB	p12.1	0.260	0.345
SNP_A-2030375	16	24064447	rs2238493	PRKCB	p12.1	0.099	0.618
SNP_A-2024152	16	24064671	rs400066	PRKCB	p12.1	0.355	0.751
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SNP_A-4194607	16	24066835	rs430151	PRKCB	p12.1	0.354	0.775
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SNP_A-8701863	16	24086743	rs2283548	PRKCB	p12.1	0.246	0.270
SNP_A-8475113	16	24094062	rs11649514	PRKCB	p12.1	0.126	0.159
SNP_A-8290204	16	24104683	rs2239344	PRKCB	p12.1	0.355	0.704
SNP_A-1886429	16	24106351	rs198142	PRKCB	p12.1	0.059	0.539
SNP_A-8672640	16	24109959	rs3729904	PRKCB	p12.1	0.268	0.261
SNP_A-8702073	16	24110116	rs198145	PRKCB	p12.1	0.415	0.477
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SNP_A-2269698	16	24118877	rs437545	PRKCB	p12.1	0.082	0.949
SNP_A-8536185	16	24121088	rs12445719	PRKCB	p12.1	0.128	0.976
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SNP_A-1792118	16	24137386	rs2239339	PRKCB	p12.1	0.177	0.468
SNP_A-1792119	16	24138181	rs2239340	PRKCB	p12.1	0.229	0.205
SNP_A-2004625	16	24138749	rs3729908	PRKCB	p12.1	0.121	0.993
SNP_A-8474677	17	3710682	rs9135	CAMKK1	p13.2	0.485	0.922
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SNP_A-8605871	17	11871706	rs8067785	MAP2K4	p12	0.131	0.832
SNP_A-1839176	17	11875751	rs17613899	MAP2K4	p12	0.070	0.514
SNP_A-1852889	17	11897717	rs976244	MAP2K4	p12	0.229	0.432
SNP_A-1826290	17	11912342	rs12953206	MAP2K4	p12	0.227	0.500
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SNP_A-8499970	17	11918677	rs12051769	MAP2K4	p12	0.244	0.694
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SNP_A-8544946	17	11924957	rs8069300	MAP2K4	p12	0.477	0.221
SNP_A-2146686	17	11925064	rs9907196	MAP2K4	p12	0.229	0.448
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SNP_A-8287493	17	11965072	rs2108496	MAP2K4	p12	0.282	0.989
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SNP_A-1896113	17	21143931	rs12451239	MAP2K3	p11.2	0.200	0.243
SNP_A-1866779	17	21154375	rs9901404	MAP2K3	p11.2	0.493	0.054
SNP_A-2107388	17	21154846	rs6587138	MAP2K3	p11.2	0.197	0.131
SNP_A-8635525	17	21157832	rs4114291	MAP2K3	p11.2	0.451	0.333
SNP_A-2245106	17	40702763	rs4792809	MAP3K14	q21.31	0.265	0.235
SNP_A-8563382	17	40703393	rs11574831	MAP3K14	q21.31	0.140	0.527
SNP_A-4284378	17	40705703	rs7214657	MAP3K14	q21.31	0.257	0.715
SNP_A-8416863	17	40706449	rs11079502	MAP3K14	q21.31	0.460	0.421
SNP_A-2243646	17	40709546	rs16939943	MAP3K14	q21.31	0.147	0.246
SNP_A-2295307	17	40715911	rs7207549	MAP3K14	q21.31	0.265	0.580
SNP_A-8416115	17	40732230	rs2867316	MAP3K14	q21.31	0.341	0.206
SNP_A-8326507	17	40738883	rs9908330	MAP3K14	q21.31	0.483	0.290
SNP_A-8455367	17	40741132	rs12449740	MAP3K14	q21.31	0.472	0.223
SNP_A-8654263	17	40744196	rs17686001	MAP3K14	q21.31	0.175	0.559
SNP_A-8508351	17	59056721	rs16947005	MAP3K3	q23.3	0.265	0.473
SNP_A-8699960	17	59075874	rs12940055	MAP3K3	q23.3	0.112	0.633
SNP_A-4244679	17	59078427	rs8081612	MAP3K3	q23.3	0.263	0.471
SNP_A-2005247	17	59082613	rs8075273	MAP3K3	q23.3	0.265	0.439
SNP_A-4279365	17	59116763	rs11658329	MAP3K3	q23.3	0.265	0.699
SNP_A-8304923	17	59123188	rs7211213	MAP3K3	q23.3	0.265	0.464
SNP_A-1921805	17	61733114	rs12601850	PRKCA	q24.2	0.417	0.586
SNP_A-2182929	17	61735623	rs9901804	PRKCA	q24.2	0.110	0.847
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SNP_A-8395196	17	61762063	rs9903921	PRKCA	q24.2	0.355	0.512
SNP_A-8395590	17	61763024	rs7218425	PRKCA	q24.2	0.267	0.689

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SNP_A-8525545	17	61793662	rs4411531	PRKCA	q24.2	0.160	0.934
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SNP_A-2099497	17	61813793	rs4536508	PRKCA	q24.2	0.139	0.305
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SNP_A-1955964	17	61839105	rs4630585	PRKCA	q24.2	0.111	0.527
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SNP_A-2292968	17	61853472	rs9900927	PRKCA	q24.2	0.080	0.285
SNP_A-8395511	17	61858325	rs9913908	PRKCA	q24.2	0.287	0.336
SNP_A-8534437	17	61859144	rs973753	PRKCA	q24.2	0.179	0.241
SNP_A-4287828	17	61861309	rs6504432	PRKCA	q24.2	0.079	0.311
SNP_A-2291229	17	61862056	rs7405806	PRKCA	q24.2	0.352	0.906
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SNP_A-8629006	17	61878733	rs4082895	PRKCA	q24.2	0.420	0.035
SNP_A-2241731	17	61883690	rs17771145	PRKCA	q24.2	0.129	0.509
SNP_A-8382030	17	61885383	rs11869711	PRKCA	q24.2	0.093	0.211
SNP_A-2060532	17	61885422	rs7221805	PRKCA	q24.2	0.398	0.035
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SNP_A-2127143	17	61907910	rs34488708	PRKCA	q24.2	0.195	0.155
SNP_A-4201798	17	61911986	rs3848418	PRKCA	q24.2	0.390	0.102
SNP_A-1783252	17	61912594	rs7224628	PRKCA	q24.2	0.371	0.093
SNP_A-2049686	17	61912613	rs7225164	PRKCA	q24.2	0.387	0.073
SNP_A-8480899	17	61919593	rs179275	PRKCA	q24.2	0.333	0.904
SNP_A-8431703	17	61931405	rs2244497	PRKCA	q24.2	0.347	0.815
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SNP_A-8405427	17	61938022	rs7211424	PRKCA	q24.2	0.482	0.879
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SNP_A-4292811	17	61942803	rs16959447	PRKCA	q24.2	0.181	0.842
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SNP_A-2021999	17	61944322	rs9896922	PRKCA	q24.2	0.425	0.902
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SNP_A-1873918	17	61948969	rs956952	PRKCA	q24.2	0.187	0.894
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SNP_A-8303780	17	61956857	rs1806448	PRKCA	q24.2	0.243	0.457
SNP_A-2087723	17	61960104	rs6504441	PRKCA	q24.2	0.330	0.628
SNP_A-1863104	17	61960613	rs9898205	PRKCA	q24.2	0.426	0.788
SNP_A-4193637	17	61963519	rs9908167	PRKCA	q24.2	0.391	0.192
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SNP_A-8328793	17	61966341	rs2361486	PRKCA	q24.2	0.185	0.827
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SNP_A-8499176	17	62003178	rs9905351	PRKCA	q24.2	0.419	0.685
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SNP_A-8695792	17	62007136	rs16969771	PRKCA	q24.2	0.162	0.345
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SNP_A-4283037	17	62009399	rs41493450	PRKCA	q24.2	0.114	0.241
SNP_A-4255468	17	62009413	rs8072741	PRKCA	q24.2	0.341	0.957
SNP_A-8582026	17	62012473	rs9646428	PRKCA	q24.2	0.341	0.994
SNP_A-8549981	17	62012633	rs9646423	PRKCA	q24.2	0.254	0.970
SNP_A-8567520	17	62013785	rs11867563	PRKCA	q24.2	0.157	0.394
SNP_A-8384035	17	62029903	rs9896134	PRKCA	q24.2	0.241	0.803
SNP_A-8654964	17	62030661	rs17759410	PRKCA	q24.2	0.159	0.283
SNP_A-1947916	17	62030921	rs17686174	PRKCA	q24.2	0.255	0.976
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SNP_A-8384953	17	62037186	rs9908814	PRKCA	q24.2	0.193	0.115
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SNP_A-2287011	17	62091986	rs9896549	PRKCA	q24.2	0.446	0.716
SNP_A-2050183	17	62093465	rs12450569	PRKCA	q24.2	0.055	0.550
SNP_A-1825738	17	62093747	rs7207345	PRKCA	q24.2	0.237	0.984
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SNP_A-8439372	17	62114727	rs17689224	PRKCA	q24.2	0.204	0.436
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SNP_A-8331770	17	62128843	rs9912033	PRKCA	q24.2	0.170	0.772
SNP_A-1883468	17	62132371	rs16960077	PRKCA	q24.2	0.054	0.542
SNP_A-4251175	17	62133841	rs7217618	PRKCA	q24.2	0.456	0.387
SNP_A-1867036	17	62134339	rs10491200	PRKCA	q24.2	0.053	0.545
SNP_A-8502197	17	62137923	rs16960091	PRKCA	q24.2	0.169	0.679
SNP_A-8298509	17	62139491	rs17689871	PRKCA	q24.2	0.274	0.195
SNP_A-1920173	17	62145570	rs9900205	PRKCA	q24.2	0.198	0.570
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SNP_A-2189084	17	62148608	rs4630584	PRKCA	q24.2	0.380	0.373
SNP_A-2055994	17	62148632	rs4465636	PRKCA	q24.2	0.205	0.331
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SNP_A-8388504	17	62164024	rs12451026	PRKCA	q24.2	0.292	0.483
SNP_A-8474698	17	62164112	rs16960132	PRKCA	q24.2	0.095	0.036
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SNP_A-1867018	17	62204090	rs17710992	PRKCA	q24.2	0.308	0.510
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SNP_A-2084000	17	62214665	rs9890888	PRKCA	q24.2	0.085	0.425
SNP_A-2301514	17	62214907	rs9896575	PRKCA	q24.2	0.086	0.453
SNP_A-2067915	17	62218035	rs4791040	PRKCA	q24.2	0.061	0.846
SNP_A-2072295	17	62218356	rs4791037	PRKCA	q24.2	0.055	0.499
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SNP_A-8421276	17	62228959	rs7216764	PRKCA	q24.2	0.051	0.607
SNP_A-2131637	17	64021487	rs4265886	PRKAR1A	q24.2	0.356	0.581
SNP_A-2254722	17	64023679	rs16972996	PRKAR1A	q24.2	0.136	0.583
SNP_A-8470906	17	64023836	rs4281788	PRKAR1A	q24.2	0.210	0.651
SNP_A-2080107	17	64024620	rs8076465	PRKAR1A	q24.2	0.356	0.319
SNP_A-1850614	17	64030258	rs2952275	PRKAR1A	q24.2	0.359	0.516
SNP_A-4229112	17	64035235	rs3785906	PRKAR1A	q24.2	0.208	0.606
SNP_A-2106125	17	64041374	rs2952271	FAM20A	q24.2	0.357	0.330
SNP_A-1873320	17	64042744	rs2952270	FAM20A	q24.2	0.300	0.385
SNP_A-2146656	17	64049834	rs2302234	FAM20A	q24.2	0.293	0.511
SNP_A-1936451	17	64050013	rs2302235	FAM20A	q24.2	0.141	0.765
SNP_A-1868880	17	64051030	rs10491176	FAM20A	q24.2	0.131	0.407
SNP_A-1868881	17	64051442	rs2286562	FAM20A	q24.2	0.166	0.148
SNP_A-8599938	17	64056940	rs2952314	FAM20A	q24.2	0.169	0.925
SNP_A-1878279	17	64057725	rs7213247	FAM20A	q24.2	0.164	0.923
SNP_A-4283440	17	64924226	rs707248	MAP2K6	q24.3	0.427	0.620
SNP_A-2311053	17	64924561	rs817549	MAP2K6	q24.3	0.432	0.919
SNP_A-2313584	17	64924711	rs817547	MAP2K6	q24.3	0.428	0.571
SNP_A-8352055	17	64926630	rs8074385	MAP2K6	q24.3	0.063	0.319
SNP_A-2191548	17	64926642	rs817544	MAP2K6	q24.3	0.430	0.590
SNP_A-8329996	17	64934823	rs7209210	MAP2K6	q24.3	0.073	0.871
SNP_A-1822751	17	64934869	rs817555	MAP2K6	q24.3	0.443	0.544
SNP_A-8537516	17	64938207	rs707247	MAP2K6	q24.3	0.476	0.915
SNP_A-8609211	17	64945820	rs12451722	MAP2K6	q24.3	0.420	0.349
SNP_A-8661297	17	64951034	rs9910030	MAP2K6	q24.3	0.075	0.769
SNP_A-1932881	17	64951048	rs12453226	MAP2K6	q24.3	0.417	0.903
SNP_A-1823511	17	64953869	rs2365494	MAP2K6	q24.3	0.075	0.772
SNP_A-8303630	17	64954463	rs6501326	MAP2K6	q24.3	0.494	0.049
SNP_A-8541255	17	64976884	rs2521367	MAP2K6	q24.3	0.343	0.865
SNP_A-2280275	17	64979552	rs2716225	MAP2K6	q24.3	0.489	0.894
SNP_A-8495526	17	64981043	rs12945375	MAP2K6	q24.3	0.173	0.326
SNP_A-8422667	17	64981435	rs2715814	MAP2K6	q24.3	0.485	0.822
SNP_A-4251827	17	64984507	rs2028048	MAP2K6	q24.3	0.167	0.625
SNP_A-8305709	17	64988065	rs9907575	MAP2K6	q24.3	0.072	0.928
SNP_A-8299922	17	64988408	rs11869073	MAP2K6	q24.3	0.164	0.190
SNP_A-8413108	17	64993579	rs9302900	MAP2K6	q24.3	0.263	0.308
SNP_A-4199913	17	64993909	rs8078890	MAP2K6	q24.3	0.468	0.015
SNP_A-1869370	17	64993948	rs8077944	MAP2K6	q24.3	0.472	0.069
SNP_A-8487906	17	65001137	rs2249009	MAP2K6	q24.3	0.425	0.284
SNP_A-8547723	17	65001825	rs739559	MAP2K6	q24.3	0.405	0.632
SNP_A-2240714	17	65013733	rs2074027	MAP2K6	q24.3	0.425	0.202
SNP_A-1821332	17	65017409	rs2716211	MAP2K6	q24.3	0.431	0.604
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SNP_A-4275260	17	65024650	rs2251855	MAP2K6	q24.3	0.418	0.470
SNP_A-8413802	17	65026287	rs2716208	MAP2K6	q24.3	0.392	0.414
SNP_A-2211448	17	65033094	rs17691066	MAP2K6	q24.3	0.065	0.669
SNP_A-8292057	17	65033968	rs2074029	MAP2K6	q24.3	0.429	0.989
SNP_A-8400200	17	65034855	rs2074032	MAP2K6	q24.3	0.416	0.831
SNP_A-2092702	17	65037811	rs11869376	MAP2K6	q24.3	0.194	0.143
SNP_A-8657651	17	65038344	rs2716197	MAP2K6	q24.3	0.417	0.625
SNP_A-8611015	17	65047718	rs12600726	MAP2K6	q24.3	0.169	0.655
SNP_A-2042052	18	46346987	rs4939634	MAPK4	q21.1	0.479	0.869
SNP_A-4271010	18	46347255	rs4939635	MAPK4	q21.1	0.479	0.775
SNP_A-1910699	18	46350750	rs8089517	MAPK4	q21.1	0.474	0.788
SNP_A-1910701	18	46351008	rs8093289	MAPK4	q21.1	0.193	0.798
SNP_A-8634224	18	46354353	rs11873590	MAPK4	q21.1	0.236	0.557

SNP_A-2029495	18	46358644	rs4081996	MAPK4	q21.1	0.441	0.672
SNP_A-2077720	18	46358871	rs6508009	MAPK4	q21.1	0.441	0.672
SNP_A-8443809	18	46360410	rs2338830	MAPK4	q21.1	0.245	0.516
SNP_A-1840856	18	46363323	rs4939637	MAPK4	q21.1	0.276	0.174
SNP_A-2084294	18	46365043	rs10432161	MAPK4	q21.1	0.246	0.068
SNP_A-1924448	18	46365439	rs10432162	MAPK4	q21.1	0.246	0.068
SNP_A-4227612	18	46365939	rs1370480	MAPK4	q21.1	0.246	0.068
SNP_A-1843099	18	46372358	rs4322755	MAPK4	q21.1	0.471	0.805
SNP_A-2146390	18	46377759	rs930362	MAPK4	q21.1	0.287	0.339
SNP_A-2307651	18	46378713	rs992595	MAPK4	q21.1	0.473	0.785
SNP_A-1947210	18	46378761	rs17742008	MAPK4	q21.1	0.212	0.484
SNP_A-8310896	18	46383685	rs1437650	MAPK4	q21.1	0.483	0.581
SNP_A-4256042	18	46384530	rs10502909	MAPK4	q21.1	0.318	0.923
SNP_A-4259820	18	46384859	rs3862671	MAPK4	q21.1	0.483	0.756
SNP_A-1948352	18	46394236	rs4599004	MAPK4	q21.1	0.220	0.446
SNP_A-8540435	18	46398569	rs17742138	MAPK4	q21.1	0.244	0.637
SNP_A-2063695	18	46401874	rs1025688	MAPK4	q21.2	0.410	0.592
SNP_A-4250076	18	46402020	rs1437648	MAPK4	q21.2	0.347	0.191
SNP_A-1865911	18	46406082	rs4939992	MAPK4	q21.2	0.067	0.440
SNP_A-1903084	18	46409165	rs9304402	MAPK4	q21.2	0.483	0.694
SNP_A-1800249	18	46411251	rs12604601	MAPK4	q21.2	0.294	0.672
SNP_A-8394969	18	46411609	rs9959686	MAPK4	q21.2	0.491	0.712
SNP_A-1961567	18	46413307	rs4939996	MAPK4	q21.2	0.359	0.247
SNP_A-1913136	18	46413561	rs17718895	MAPK4	q21.2	0.187	0.920
SNP_A-8426085	18	46414902	rs4939641	MAPK4	q21.2	0.187	0.945
SNP_A-1860349	18	46415542	rs2118370	MAPK4	q21.2	0.187	0.945
SNP_A-8382084	18	46416077	rs12454262	MAPK4	q21.2	0.316	0.928
SNP_A-8447346	18	46416160	rs12456953	MAPK4	q21.2	0.316	0.731
SNP_A-1942940	18	46418942	rs17662557	MAPK4	q21.2	0.169	0.627
SNP_A-4283499	18	46419749	rs17804574	MAPK4	q21.2	0.299	0.988
SNP_A-1913499	18	46420290	rs973644	MAPK4	q21.2	0.170	0.853
SNP_A-4250717	18	46420554	rs893316	MAPK4	q21.2	0.218	0.507
SNP_A-2220756	18	46420686	rs934746	MAPK4	q21.2	0.095	0.491
SNP_A-8536496	18	46429046	rs12958523	MAPK4	q21.2	0.429	0.828
SNP_A-8519820	18	46431858	rs11662176	MAPK4	q21.2	0.328	0.938
SNP_A-8330623	18	46434954	rs7235791	MAPK4	q21.2	0.254	0.987
SNP_A-2222541	18	46442790	rs3813086	MAPK4	q21.2	0.245	0.804
SNP_A-8333032	18	46445557	rs8097986	MAPK4	q21.2	0.473	0.424
SNP_A-2071102	18	46448639	rs2051308	MAPK4	q21.2	0.330	0.748
SNP_A-2181980	18	46449257	rs9955932	MAPK4	q21.2	0.475	0.982
SNP_A-1915587	18	46474454	rs17742551	MAPK4	q21.2	0.109	0.275
SNP_A-2276340	18	46474527	rs1545130	MAPK4	q21.2	0.496	0.519
SNP_A-8712770	18	46476105	rs17804724	MAPK4	q21.2	0.108	0.240
SNP_A-8527554	18	46494835	rs12959952	MAPK4	q21.2	0.407	0.368
SNP_A-8648704	18	46497759	rs3794897	MAPK4	q21.2	0.326	0.867
SNP_A-8287196	19	43780301	rs7251456	MAP4K1	q13.2	0.117	0.548
SNP_A-1784555	19	45393021	rs10402740	MAP3K10	q13.2	0.233	0.431
SNP_A-8655530	19	45403173	rs892117	MAP3K10	q13.2	0.500	1.000
SNP_A-8596766	19	59083494	rs307952	PRKCG	q13.41	0.281	0.409
SNP_A-8556976	19	59089466	rs8103851	PRKCG	q13.41	0.396	0.843
SNP_A-1934646	19	59096288	rs307943	PRKCG	q13.41	0.182	0.585
SNP_A-8524335	20	42597752	rs3092590	PKIG	q13.12	0.095	0.108
SNP_A-8465870	20	42612081	rs11086929	PKIG	q13.12	0.055	0.384
SNP_A-8378404	20	42622942	rs6017364	PKIG	q13.12	0.076	0.745
SNP_A-4269175	20	42636532	rs6031659	PKIG	q13.12	0.150	0.752
SNP_A-8323666	20	42641966	rs1547430	PKIG	q13.12	0.442	0.401
SNP_A-8651892	20	42643249	rs2027871	PKIG	q13.12	0.435	0.665
SNP_A-8503749	20	42643895	rs6031663	PKIG	q13.12	0.074	0.804
SNP_A-2143008	20	42653390	rs244104	PKIG	q13.12	0.147	0.919
SNP_A-2268415	20	42658880	rs244099	PKIG	q13.12	0.162	0.963
SNP_A-1781275	20	42659791	rs244098	PKIG	q13.12	0.170	0.772
SNP_A-4260238	20	42660410	rs244097	PKIG	q13.12	0.151	0.556
SNP_A-8604494	20	42662198	rs244096	PKIG	q13.12	0.147	0.904
SNP_A-8518959	22	20445004	rs6928	MAPK1	q11.21	0.439	0.686
SNP_A-8651504	22	20451327	rs5755074	MAPK1	q11.21	0.052	0.271
SNP_A-8587058	22	20451554	rs2266966	MAPK1	q11.21	0.440	0.709
SNP_A-4244267	22	20452149	rs17759598	MAPK1	q11.21	0.166	0.535
SNP_A-2270792	22	20453189	rs2298432	MAPK1	q11.21	0.345	0.639
SNP_A-1880487	22	20461125	rs2283792	MAPK1	q11.21	0.437	0.708
SNP_A-4243307	22	20471825	rs5749939	MAPK1	q11.21	0.054	0.310
SNP_A-4245033	22	20475101	rs5999515	MAPK1	q11.21	0.437	0.536
SNP_A-2120047	22	20476399	rs5999521	MAPK1	q11.21	0.438	0.584
SNP_A-8614321	22	20481821	rs9610338	MAPK1	q11.21	0.438	0.556
SNP_A-4298195	22	20483239	rs2298434	MAPK1	q11.21	0.053	0.064

SNP_A-4201707	22	20487661	rs5749986	MAPK1	q11.21	0.438	0.584
SNP_A-8579523	22	20510183	rs7286558	MAPK1	q11.22	0.071	0.256
SNP_A-4253585	22	20517660	rs5999749	MAPK1	q11.22	0.437	0.483
SNP_A-2046461	22	20520163	rs17759796	MAPK1	q11.22	0.166	0.363
SNP_A-1876854	22	20530530	rs5755694	MAPK1	q11.22	0.415	0.157
SNP_A-8497959	22	20539139	rs9610470	MAPK1	q11.22	0.237	0.138
SNP_A-8428219	22	20543969	rs9610487	MAPK1	q11.22	0.237	0.135
SNP_A-8693764	22	36793087	rs3026688	PICK1	q13.1	0.258	0.556