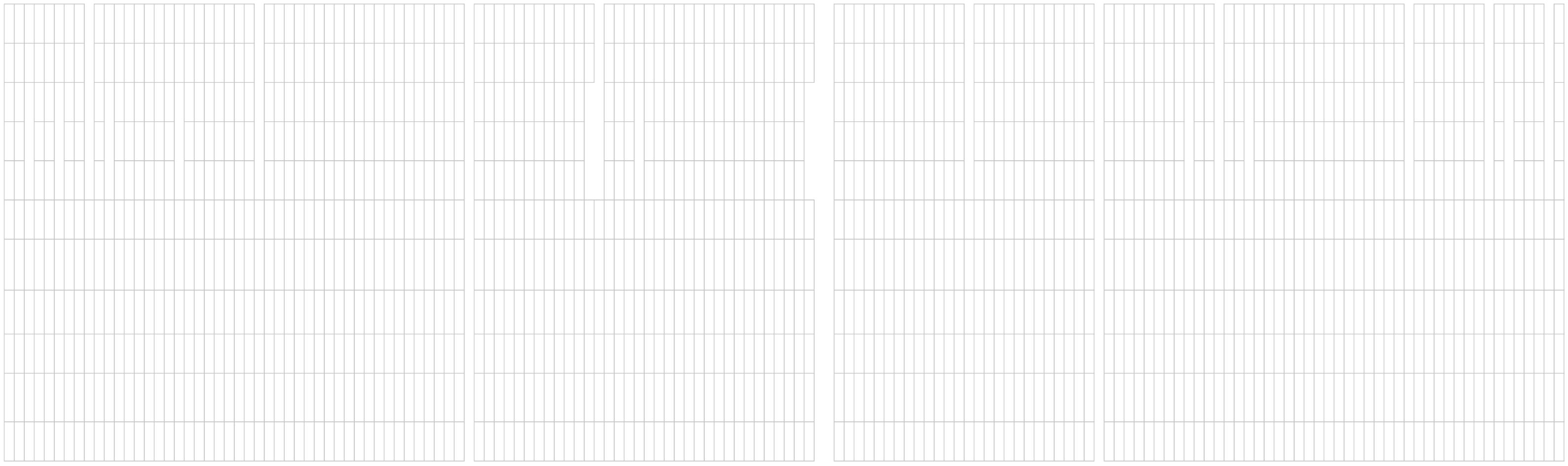
Supplementary Table 2

Join age	BMI	Ever smok	Achohol c	health disorder	tal-folate_µ	methionine_g	zinc_mg	b6-(by-analy	itamin-b12_µ	elenium_µ	-as-mono_µ	t-as-poly_%	s-saturate	om-protein	-carbohydr	Selenium	Selenium	PSA V1	PSA V2	s1763254	50450 G	AKR1C3	880 MnS	845 Sep-15
50		FALSE	FALSE	None												110.544		1.4		T/T	CT	CC	TC	CT
24	30	TRUE	TRUE	inflammatory	707.179	0.5064735	13.9679	1.364967	11.96485	71.0824	34.0608	18.1307	47.8085	12.5483	42.3574	94.752	157.92	0.1	0.20	T/T	TT	CG	TT	CC
28	22	FALSE	TRUE	None	593.022		15.0419		3.395564	59.0734				18.728		94.752		0.4		T/T	CT	CC	TC	CT
41	22	TRUE	TRUE	None	714.096	0.9745941	13.6985	1.705585	3.822663	94.5123	45.8187	18.9699	35.2114	14.13	46.5864	126.336	157.92	0.2	0.30	T/T	CC	CC	CC	CT
30	21	FALSE	TRUE	None	174.675		7.35938		7.230097	97.0981				15.4338		126.336		0.8		T/T	CT	CC	CC	CT
46	29	FALSE	TRUE	Cardiovascular	471.4	1.078197	9.43776	1.676395	3.921701	77.5575	42.299	15.0069	42.694	18.3239	45.6373	157.92	142.128	0.2	0.10	T/T	CT	GG	TC	CC
52	35	FALSE	TRUE	None	289.416	0.7218666	14.8136	2.981186	3.387705	41.7692	38.8298	18.8217	42.3485	16.8274	46.1798	118.44	157.92	0.7	1.10	T/T	CT	CC	TC	CT
50	26	FALSE	TRUE	Cardiovascular	346.524	0.7738495	12.1932	1.176987	42.57822	43.5156	42.9549	22.9293	34.1158	16.1383	43.6472	110.544	181.608	2.7	2.30	T/T	CC	CC	TT	CC
55	29	FALSE	TRUE	None	247.946		11.7299		41.21092	81.6848				17.2222		118.44		0.3		T/T	CT	CG	TC	CC
30	24	FALSE	TRUE	None												118.44		0.3		T/T	CT	CG	CC	TT
46	21	FALSE	FALSE	None	775.594	0.6102524	12.7619	3.661098	6.426373	118.01	41.7851	21.8689	36.3461	20.8221	50.1869	118.44	181.608	1.3	2.20	T/T	CC	CC	TC	CC
35	28	TRUE	TRUE	None	554.506	0.3529816	15.9087	1.485298	8.036102	79.6377	39.8411	23.4397	36.7192	15.6805	30.3528	150.024	173.712	1	1.10	T/T	CC	CG	TC	CC
69	28	FALSE	TRUE	None	276.764	0.7889023	11.1107	2.934185	40.60554	44.1832	38.2057	15.7954	45.999	14.5175	44.4011	126.336	157.92	1.4	0.80	C/T	CT	GG	TC	CC
51	26	TRUE	FALSE	None	227.922		10.8892		3.371837	45.9274				15.8311		94.752	150.024	0.8	0.80	T/T	CC	CG	TC	CC
67	25	FALSE	FALSE	None	614.814	0.7788239	12.1726	1.341946	3.401674	28.374	42.5083	15.988	41.5037	12.6325	46.9822	110.544	173.712	3.6	3.60	T/T	CC	GG	CC	CC
56	27	FALSE	TRUE	Cardiovascular												126.336		0.5		T/T	CT	CC	CC	CC
59	27	TRUE	TRUE	None												142.128	197.4	0.6	0.70	T/T	CT	CG	CC	CT
62	27	FALSE	TRUE	None	419.839	0.3980751	17.3248	1.207527	4.45488	54.3188	37.7434	19.967	42.2896	15.3294	41.5767	118.44	189.504	1.9	2.30	T/T	CT	CG	TC	CT
46	21	TRUE	TRUE	None	458.239	1.197166	14.9432	2.181595	11.98589	72.3698	45.0205	20.6097	34.3698	14.3541	43.6778	118.44	173.712	0.6	0.40	T/T	CC	CC	TT	CC
61	24	TRUE	TRUE	None	1056.64	0.9511986	27.6511	2.700237	32.43908	124.714	35.4598	19.5831	44.9571	17.018	50.8865	134.232	157.92	1.4	1.40	T/T	CC	CC	TC	CC
39	26	FALSE	TRUE	None	311.449		13.629		4.058841	39.9164				19.4113		110.544		1.1		T/T	CT	CG	TC	CC
25	26	FALSE	TRUE	None	536.555		13.5376		6.204854	190.574				27.6568		134.232		0.5		T/T	CT	GG	TT	CC
28	26	FALSE	TRUE	None	187.227		10.147		41.35888	61.5068				19.9011		142.128		0.6		T/T	CC	CG	CC	CT
63	30	FALSE	TRUE	Cardiovascular	134.46	0.9336243	6.8544	1.104828	4.74638	122.316	38.2373	10.7396	51.0231	17.3182	27.596	110.544	134.232	0.5	0.40	T/T	CT	CC	TC	CC
24	24	FALSE	FALSE	None	448.347	1.566055	21.6871	3.453556	11.11286	60.9241	37.5364	14.2971	48.1665	16.3218	37.0819	102.648	126.336	0.6	0.80	T/T	CC	GG	TC	CC
57	32	FALSE	TRUE	None												102.648	142.128		0.80	T/T	TT	CC	TC	CC
44	25	FALSE	TRUE	None												94.752	142.128	0.5	0.50	C/T	CT	CG	TT	CC
43	24	FALSE	TRUE	inflammatory												110.544	181.608	0.5	0.60	T/T	TT	CC	TC	CC
24	21	FALSE	TRUE	None												110.544	165.816	0.4	0.50	T/T	CT	CG	TT	CC
32	23	TRUE	TRUE	None	316.377	0.4321671	14.6817	5.467346	19.41564	67.6243	42.7922	23.3932	33.8146	14.9719	34.0243	102.648	177.66	0.3	0.30	T/T	CT	CC	CC	CC
64	30	FALSE	TRUE	Cardiovascular	227.026		12.8286		2.331576	50.557				19.0869		102.648		3.2		T/T	CC	CC	TC	CT
54	26	TRUE	FALSE	None												102.648		3.4		T/T	CC	CC	TT	CC
31	29	FALSE	TRUE	None	597.827	1.053478	14.9144	2.073185	5.367338	108.635	35.4731	20.6053	43.9217	22.4957	46.9716	102.648	150.024	0.6	0.40	T/T	CC	CG	TC	CC
56	28	FALSE	TRUE	other																C/T	CT	CG	TT	CT
27	23	FALSE	TRUE	None	131.607	1.521923	10.9174	1.166252	3.569063	37.021	42.1046	10.668	47.2274	19.1769	42.4392	126.336	146.076	0.6	0.60	T/T	CT	GG	TC	CC
22	0	TRUE	TRUE	None												126.336	161.868	0.9	0.80	T/T	CT	CG	TC	CC
34	23	FALSE	TRUE	None	345.397		13.9352		6.469574	92.7779				14.4388		110.544	150.024	0.6	0.60	T/T	CT	CC	TT	CT
27	23	FALSE	TRUE	None												126.336		0.6		T/T	CC	CG	CC	CC
56	26	TRUE	TRUE	None												126.336		0.8		T/T	CC	GG	TT	CT
42	26	FALSE	TRUE	None	586.756	0.8983192	16.1709	1.418648	5.361638	44.5973	38.0532	14.1448	47.802	15.4296	47.3089	126.336	150.024	0.9	0.90	T/T	CT	GG	TC	CC
55	30	FALSE	TRUE	Cardiovascular												110.544	173.712		0.40		CC	CC	TC	CC
49	27	FALSE	TRUE	Cardiovascular												110.544	165.816	1.6	1.40	T/T	CC	CC	CC	CC
39	23	FALSE	TRUE	None												110.544	236.88		0.20	T/T	CC	CC	CC	CT
45	27	FALSE	TRUE	None	271.192		14.069		5.267303	27.9575				14.2941		110.544	110.544		1.10	T/T	CT	CC	CC	CT
28	23	FALSE	TRUE	inflammatory												134.232		0.9		T/T	CT	CC	TC	CC
45	26	FALSE	TRUE	None	225.951	0.8865128	10.0775	1.317734	4.267712	101.328	37.5702	9.00125	53.4285	15.7506	39.5386	102.648	150.024	0.7	0.70	T/T	CC	CC	TC	CC
48	21	FALSE	TRUE	None	273.423	0.8391609	12.5228	0.808308	4.788295	104.974	39.8793	13.4881	46.6326	16.2292	41.3919	102.648	165.816	0.7	0.60	T/T	CC	CC	TC	CT
51	24	TRUE	TRUE	None	363.543	0.8192139	21.8376	1.837952	9.592262	130.781	40.9014	17.8883	41.2104	20.8753	32.9591	134.232	157.92	0.3	0.40	T/T	CT	CC	TT	CT
28	31	FALSE	FALSE	None	209.051	0.7357521	10.1031	0.98444	4.509002	72.9854	37.3651	24.179	38.4559	32.6437	30.5812	126.336	150.024	0.3	0.20	C/T	CT	CG	TT	CT
65	29	TRUE	TRUE	None	457.483	0.7421188	11.3657	0.821419	23.45918	147.452	37.3918	16.209	46.3992	19.049	37.1263	134.232	181.608	0.5	0.50	C/T	CC	CG	CC	CT
43	24	TRUE	TRUE	None												126.336	189.504	1.1	1.10	T/T	CT	CG	TC	CT
55	26	FALSE	TRUE	None												126.336	138.18	0.7	0.70	T/T	CC	CC	TT	CT
42	23	TRUE	TRUE	None	227.293	0.9475021	15.6026	1.495575	8.226512	64.4661	40.3718	13.04	46.5883	15.8136	52.4251	134.232	181.608	0.5	0.40	T/T	CT	CC	TC	CT
45	37	FALSE	TRUE	None	256.017	0.5183411	7.01845	0.835751	3.505766	131.088	40.6815	28.4893	30.8292	20.6311	37.5931	110.544	173.712	0.4	0.40	T/T	TT	CC	TC	CT
46	22	FALSE	TRUE	None	769.268	1.056255	37.109	3.976418	3.407006	62.9136	44.9363	20.837	34.2267	13.5586	37.1189	118.44	138.18	0.5	0.50	T/T	CT	GG	CC	CC
53	19	FALSE	FALSE	None												78.96		0.9		T/T	CT	CC	TT	CC
51	27	TRUE	TRUE	None	343.856	0.9030266	11.3924	0.949081	2.701235	44.2382	40.065	21.6994	38.2356	14.6371	35.844	118.44	157.92	1	1.20	T/T	CC	CG	CC	CC
43	27	FALSE	TRUE	None	1002.63	0.8472366	49.2366	1.377586	54.89246	225.825	38.3707	12.0615	49.5679	21.8247	49.5469	150.024	185.556	1	0.80	C/T	CC	CC	TC	CC
61	32	TRUE	TRUE	other	817.258	1.211563	15.7607	1.13205	4.464501	77.9563	49.1393	18.7942	32.0666	15.7386	33.17	94.752	150.024	0.7	0.70	T/T	CT	CC	TT	CT
39	25	TRUE	TRUE	None	504.637	0.5035667	10.6378	1.199356	7.801831	71.3073	40.3619	20.8048	38.8333	13.1996	38.7135	134.232	221.088	0.3	0.20	T/T	CC	CG	TC	CC
51	28	TRUE	TRUE	Cardiovascular	394.205	1.411102	17.8228	2.373234	5.523082	44.855	35.2661	12.5809	52.1531	17.5483	41.8772	118.44	173.712	0.5	0.60	T/T	CT	CG	TC	CC
51	25	TRUE	TRUE	inflammatory	423.833	0.7487869	13.0112	1.154076	5.408451	62.7379	41.5437	24.9588	33.4975	15.0186	36.4937	157.92	189.504	0.8	1.40	T/T	CT	GG	CC	CC
54	28	FALSE	TRUE	None	387.577	0.6651726	18.3562	2.237404	6.793123	77.6317	34.2404	19.0009	46.7587	13.9695	34.5743	110.544	189.504	0.2	0.30	T/T	CC	CC	TT	CT
43	26	FALSE	TRUE	None												134.232	189.504	1.1	1.00	T/T	CT	CG	TC	CC
59	23	TRUE	TRUE	inflammatory												142.128		1.5		T/T	CT	CC	TC	CC
24	24	FALSE	TRUE	None	199.383	0.9323311	11.4524	1.438869	2.489563	78.8968	37.5128	20.8196	41.6676	14.433	40.6413	102.648	165.816	0.3	0.20	C/T	CC	CC	TC	CC
60	24	FALSE	FALSE	None	609.343	0.896492	14.2065	0.9664	3.422075	45.0154	35.4812	12.1697	52.3491	13.7422	51.1134	110.544	189.504	2.3	2.00	T/T	CC	CG	TT	CT
57	35	FALSE	TRUE	None	358.803	1.433311	9.07577	1.678829	3.127651	46.3438	46.2077	12.1859	41.6064	18.631	34.6618	134.232	165.816	0.6	1.30	T/T	CT	GG	TT	CT
51	24	FALSE	FALSE	None	241.617	1.160015	14.0337	2.60743	3.160535	42.9737	38.7554	14.3896	46.855	14.6938	43.4519	110.544	181.608	0.3	0.20	T/T	CT	GG	CC	CC
66	27	FALSE	FALSE	inflammatory												118.44	173.712	6.5	6.90	T/T	CC	CG	TT	CC
52	24	FALSE	TRUE	None	294.146	1.171051	16.4681	2.606606	7.9788	76.2602	37.0466	15.6463	47.3071	15.4361	38.592	126.336	142.128	1.2	1.20	C/T	CT	CC	TC	CC
53	23	TRUE	TRUE	None	357.212	0.6535454	17.1648	5.226448	4.833122	58.5077	33.9131	19.6869	46.4	13.5684	43.058	102.648	189.504	0.8	0.80	T/T	CC	CG	TT	CC
46		FALSE	FALSE	None												102.648					CC		TT	TT
56	33	TRUE	TRUE	Cardiovascular	734.832	0.6424637	11.4217	1.402451	3.24302	97.335	35.4001	20.8784	43.7216	18.219	39.4607	94.752	142.128	0.8	0.70	T/T	CT	CC	CC	CC
68	30	TRUE	TRUE	Cardiovascular	365.891	0.7519455	19.1403	2.068043	6.639256	66.3568	43.154	16.4622	40.3838	16.0809	37.9542	118.44	150.024	6.8	7.90	T/T	CT	GG	TT	CT
47	21	TRUE	TRUE	inflammatory												102.648		0.4		C/C	CT	CG	TT	CT
34	31	FALSE	TRUE	inflammatory	855.904	0.9021034	13.0813	2.280903	6.042346	47.7903	32.0554	9.24365	58.7009	17.1659	41.5732	110.544	165.816	1.2	1.10	T/T	CC	CC	TC	CC
31	22	FALSE	TRUE	None												102.648		0.4		T/T	CC	CC	TT	CT
62		FALSE	TRUE	Cardiovascular	302.59		16.6238		5.629712	56.572				20.1741		118.44		2		T/T	CC	CG	TC	CT
54	27	TRUE	TRUE	Cardiovascular	655.028	0.8383408	15.7734	1.753487	5.496296	75.1259	37.0608	27.8067	35.1326	20.5381	42.5678	118.44	161.868	1.2	0.80	T/T	TT	CC	TC	CC
39	25	FALSE	TRUE	other	275.786		10.8296		3.325283	40.4014				15.5057		94.752	161.868	0.8	0.40	T/T	CT	CC	CC	CC
67	27	FALSE	TRUE	inflammatory	278.473	0.9302025	10.9444	1.801064	3.320979	38.6231	34.3987	19.0645	46.5368	14.3731	44.7531	86.856	189.504	0.7	0.90	T/T	CT	CG	TC	CT
54	29	FALSE	TRUE	None	108.183	0.2303162	21.9171	0.440826	1.060008	140.155	36.7309	12.5518	50.7173	11.3773	49.0903	118.44	165.816	0.5	0.50		CC	CC	TC	CC
50	28	FALSE	TRUE	Cardiovascular	178.783	0.6187248	14.0091	0.847916	5.558443	74.1551	40.643	10.0066	49.3505	24.3959	28.8222	76.5912	185.556	1.3	1.50	T/T	TT	CC	TC	CT
59	29	FALSE	FALSE	Cardiovascular	257.67	0.3704376	10.0805	0.589191	2.996817	15.8966	39.0225	22.3232	38.6543	11.5054	54.858	86.856	157.92	1	1.90	T/T	CC	CC	TC	CC
28		FALSE	FALSE	None	299.554	0.952137	13.9718	1.218857	6.639979	69.9808	42.1551	13.9047	43.9401	13.6946	48.7598	110.544	157.92	0.9	0.90	T/T	CC	CC	CC	CC
76	23	FALSE	TRUE	Cardiovascular	792.766	0.8058739	23.8105	3.667912	126.0231	144.927	40.3834	30.777	28.8396	18.3975	44.8753	110.544	189.504	1.2	1.00	T/T	CC	CC	CC	CC
43	24	TRUE	TRUE	Depression Anixiety												94.752	150.024		0.80	T/T	CC	CC	CC	CC
41	26	FALSE	TRUE	None	256.215	0.6879959	16.7986	2.011124	3.899142	61.6543	39.5272	22.9583	37.5145	18.3466	31.5387	102.648	157.92	1	0.90	C/T	CC	CG	TC	CC
58	26	TRUE	TRUE	Cardiovascular	198.155		10.9835		2.587812	75.0176				14.285		102.648	148.445	0.9		T/T	CC	GG	CC	CC
75	26	FALSE	FALSE	Cardiovascular	451.657	1.135025	13.8808	1.230183	4.912794	24.733	38.136	13.7607	48.1033	14.61	38.1409	102.648	169.764	3.7	3.10		CT	CC	CC	CT
47		FALSE	TRUE	None	287.163	0.6915817	14.528	0.962395	4.816513	229.956	40.2255	17.1175	42.657	13.7213	43.5479	86.856	142.128	0.3	0.30	T/T	CC	CG	TC	CT
55	24	TRUE	TRUE	None	919.199	0.4495354	38.32	1.680752	13.13164	45.6853	46.5786	13.5317	39.8898	10.8553	38.7891	110.544	138.18	2.8	2.10	T/T	CC	GG	TT	CT
62	24	TRUE	TRUE	None	165	1.461426	11.7	1.956108	3.06	35.4	40.8072	28.2593	30.9335	14.8181	31.4057	110.544	177.66	5.6	5.00	T/T	CC	CC	CC	CT
22		TRUE	TRUE	None	763.205		17.2357		7.539842	201.777				19.1036		102.648	150.024	1.3		T/T	CC	CG	CC	CT
22		FALSE	TRUE	None	184.4	0.6815643	11.5824	1.33741	3.627429	33.7299	44.3466	18.294	37.3594	14.8677	36.5535	86.856	114.492	0.6	0.40	C/T	CC	CG	TC	CC
48	22	FALSE	TRUE	None	365.98	0.8875656	9.32046	1.67979	5.152365	99.3588	49.6898	22.9255	27.3847	22.9137	31.4232	86.856	157.92	0.7	0.60	T/T	CT	CG	TC	CC
61	25	TRUE	TRUE	Cardiovascular	312.172	0.8387451	8.34357	1.166836	2.22742	35.5048	33.7231	13.6389	52.6379	14.8444	39.3184	94.752	150.024	2.4	2.20	T/T	CT		TC	CC
54	25	FALSE	TRUE	other	553.005	0.531517	21.5154	1.600712	1.635787	71.2827	40.921	19.1114	39.9676	10.332	60.9813	157.92	197.4	0.8	0.60		CC	GG	TC	CC
43	28	FALSE	TRUE	None	230.376	0.5821075	12.1077	1.912735	5.51187	32.8972	36.55	17.1261	46.3239	19.6744	33.9191	142.128	189.504	0.5	0.30	T/T	CT	CG	TC	CC
59	25	TRUE	TRUE	None	303.273	0.504158	11.0927	0.604118	2.729119	62.5756	41.3272	16.5167	42.1561	13.03	47.8137	86.856	169.764	1.2	0.60	T/T	CC	CG	CC	CC
48	25	TRUE	TRUE	None	455.266	1.652348	19.4967	1.654572	45.93184	68.5741	44.084	19.4247	36.4913	23.9744	23.0306	102.648	146.076	0.7	0.40	T/T	CC	GG	CC	CT
73	25	TRUE	TRUE	Cardiovascular	399.849	0.9265862	12.5673	1.396194	2.732475	34.1843	44.0823	13.5111	42.4066	11.2251	32.2855	102.648	221.088	11.6	11.30	T/T	CC	CG	TC	CC
45	24	FALSE	FALSE	None	288.239	0.8879166	6.63889	1.139446	2.517586	70.5022	34.7154	21.0346	44.2499	12.2344	47.4652	86.856	213.192	0.6	0.50	T/T	CT		TC	CC
65	24	TRUE	TRUE	Cardiovascular	502.88	1.390751	12.7152	0.877449	4.5348	68.8249	36.0627	7.82201	56.1153	15.3267	43.7351	86.856	161.868	1.2	2.30	T/T	CT	CC	CC	CC
33	33	TRUE	TRUE	Cardiovascular												78.96	157.92	0.6	0.40	T/T	CC	CC	CC	CC
33	24	TRUE	TRUE	None	217.764	0.5507126	13.9004	2.404865	17.53726	58.6861	37.2934	21.5509	41.1557	16.2303	35.5383	102.648	173.712	0.4	0.40	T/T	CC	CC	TC	CC
58	24	FALSE	FALSE	None	548.772	0.6768646	12.3154	1.006088	6.757489	166.792	37.3919	5.84232	56.7658	19.2142	38.6356	102.648	185.556	0.5	0.60	C/T	CT	CG	TC	CC
36	24	FALSE	TRUE	inflammatory	357.474	1.1376	19.5746	3.869652	13.31103	165.268	40.127	13.0578	46.8152	27.7665	34.7275	102.648	173.712	0.6	0.70	C/T	CT	CG	CC	CC
50	32	FALSE	TRUE	other	558.79	0.4787788	20.5154	1.845013	6.97888	100.795	42.5747	16.6783	40.747	15.3747	55.4122	94.752	165.816	0.6	0.50	T/T	CC	CC	TT	CC
57	25	TRUE	TRUE	Cardiovascular	333.962		8.84639		3.772991	83.3627				13.6034		94.752	138.97	1.4		C/T	TT	CG	TC	CT
72	26	FALSE	FALSE	Depression Anixiety												110.544	181.608	2.5	1.90	T/T	CC	CC	CC	CT
59	22	FALSE	TRUE	None	879.305	1.622952	32.0684	3.5261	33.0716	86.4378	36.8267	33.5134	29.66	22.0323	36.0723	126.336	165.816	0.5	0.50	T/T	TT	CC	TC	CC
52	26	TRUE	TRUE	cardiovascular	450.694	1.249798	19.6417	1.993858	5.747706	66.8757	41.6607	10.694	47.6453	19.0759	37.1946	86.856	142.128	0.6	0.60	T/T	CC	CC	TC	CT
62		FALSE	TRUE	Urology												94.752	189.504	5.5	5.80		CC		CC	TT
70	28	FALSE	FALSE	Cardiovascular	385.554	1.148022	24.663	1.359673	30.90445	123.429	35.5006	15.6029	48.8965	17.6878	42.3978	86.856	161.868	2.7	2.30	T/T	CT	CG	TC	CC
61	25	TRUE	TRUE	None	489.631	1.910973	26.4699	1.998676	24.91776	56.8993	38.9714	11.8346	49.194	16.0554	35.9264	94.752	181.608	3.8	2.80	C/T	CC	CC	TC	CC
36	26	FALSE	TRUE	None	737.772	2.125282	24.9952	2.516357	18.72695	113.422	44.9637	14.7482	40.2882	24.9985	23.8608	118.44	181.608	1.5	1.40	T/T	TT	GG	TC	CT
54		FALSE	TRUE	None	639.205	0.9814873	11.6194	1.608196	2.55846	41.7025	35.0706	23.9603	40.9691	13.1612	44.3131	94.752	146.076	0.7	0.30	T/T	CT	CG	TT	CC
61	31	TRUE	TRUE	Cardiovascular												102.648	189.504	2.6	2.20	T/T	TT	CC	TC	CC
74	22	TRUE	TRUE	Cardiovascular	499.423	0.7368126	9.2523	1.625282	4.662221	37.2058	50.0343	19.4273	30.5383	15.0315	33.6121	94.752	126.336	1.1	0.90	T/T	CC	CG	CC	CC
61	31	TRUE	TRUE	None	204.709	0.3819084	11.2708	0.677605	3.749856	156.14	41.5576	16.0827	42.3597	17.5156	34.7074	150.024	169.764	7.6	9.00		CC	CG	CC	CC
76	25	TRUE	FALSE	None												102.648	213.192	10.6	0.30	T/T	CT	CG	CC	TT
57	26	FALSE	TRUE	inflammatory	364.122	0.7522926	21.4537	1.44751	15.04991	70.1255	38.8022	19.4894	41.7084	16.6672	44.671	110.544	217.14	0.2	0.10	T/T	CC	GG	TC	CC
54	22	FALSE	TRUE	None	485.978	1.190674	15.6798	2.403938	4.988901	75.3936	38.144	17.7815	44.0745	16.0758	40.7461	110.544	153.972	0.6	0.60	C/T	CT	CG	TC	CC
57	32	FALSE	FALSE	None												94.752	173.712	0.4	0.30	T/T	CT	CC	TT	CC
67		FALSE	FALSE	None												86.856	185.556	9.5	10.60	T/T	CC	GG	TC	CT
64	24	FALSE	TRUE	Cardiovascular	402.615	0.5050697	28.615	1.628304	20.09092	86.2729	39.7196	20.2784	40.002	15.2868	34.8343	94.752	177.66	4.7	3.70	T/T	CT	CC	CC	CT
46	25	TRUE	FALSE	None												110.544		0.8	0.70	T/T	TT	CC	TT	CC
78	21	TRUE	TRUE	Cardiovascular	340.966	0.4068184	6.89302	3.795464	7.530603	82.7657	34.6662	33.2082	32.1256	15.0957	39.1447	110.544	169.764	0.2	8.30	T/T	CC	CC	CC	CC
64	24	FALSE	TRUE	Urology	432.428		14.1291		13.38246	102.081				21.1736		94.752	157.92	7.3	5.30		CT		TC	CC
60	25	FALSE	TRUE	None	316.805	0.7787704	12.2587	2.253216	4.027308	197.361	35.344	36.5931	28.063	20.5356	45.6147	102.648	228.984	4.5	5.20	T/T	CC	CG	TC	CT
33	24	FALSE	TRUE	None	190.213	0.4504852	8.45927	0.855301	3.024704	63.956	43.003	13.8447	43.1523	21.1864	34.1066	110.544	217.14	0.4	0.60	C/T	CT	CC	TC	CC
36	24	TRUE	TRUE	None	248.876	0.6186066	9.52649	1.880501	4.773431	54.7988	39.5441	13.9858	46.4702	16.0503	36.6571	150.024	138.18	0.5	0.40	T/T	CC	GG	CC	CT
57	22	TRUE	TRUE	None	360.143	1.16431	12.9254	2.051369	5.481421	103.39	47.0655	13.8596	39.0749	15.9718	31.5803	110.544	157.92	1.2	1.20	T/T	CC	CG	CC	CC
79	30	FALSE	TRUE	Diabetes	382.669	0.6874466	14.4888	0.527344	4.379531	39.7494	35.7793	13.962	50.2588	17.6276	44.8727	94.752	181.608	0.8	0.90	T/T	CT	CG	TT

38	27	FALSE	TRUE	None	513.008	1.339706	15.1094	1.67038	5.276666	40.733	41.9768	18.2693	39.7539	18.7342	40.3594	110.544	213.192	0.6	0.50	T/T	CT	CC	TC	CC
24	23	TRUE	TRUE	None	138.006	0.908638	8.52285	0.627884	39.66022	30.1179	36.7461	27.7075	35.5465	13.6671	47.812	78.96	169.764	0.8	0.60	T/T	CC	CC	TC	CC
24	29	FALSE	TRUE	None												94.752	138.18	0.4	0.50	T/T	CC	CG	TT	CC
39	20	FALSE	TRUE	None												110.544	126.336		0.70	T/T	CC	CC	TT	CT
38	28	TRUE	TRUE	None	193.116	0.6870155	10.4062	1.119751	7.696188	101.432	37.8797	16.5157	45.6046	15.4922	36.6676	118.44	169.764	0.1	1.30	T/T	CC		TT	CT
30	23	FALSE	TRUE	None												110.544		0.6		T/T	CT	CC	TC	CC
60		FALSE	TRUE	Cardiovascular	284.194	0.8227615	12.2185	1.034081	3.140116	67.4949	33.2424	18.3767	48.3809	16.5518	47.5432	134.232	142.128	2.1	1.60	T/T	CC	GG	CC	CC
52	33	FALSE	TRUE	None												94.752		0.7		T/T	CC	GG	TC	CC
45	26	FALSE	TRUE	None	307.604	0.947403	15.0369	1.027016	9.500215	185.85	38.8836	17.1753	43.9411	22.1262	31.0185	102.648	153.972	3.1	2.60	T/T	CC	CG	TC	CC
70	25	FALSE	TRUE	None	210.992	1.163521	8.62972	1.569473	2.069835	44.1331	43.7972	16.2551	39.9477	15.268	38.468	102.648	209.244	4.6	3.20	T/T	CC		TT	CT
60	25	TRUE	TRUE	inflammatory	358.119	1.077343	11.5229	1.510456	14.50167	66.4568	39.5135	20.7474	39.7391	12.9796	41.6267	94.752	150.024	0.9	0.50	T/T	CT	CC	TT	CC
50	24	FALSE	TRUE	None	521.252	1.140572	30.1372	3.25499	4.543124	78.9383	43.5839	19.7128	36.7033	15.888	41.947	102.648	181.608	0.8	0.80	C/T	CC	CC	TC	CC
48	26	TRUE	TRUE	None	294.455	1.161736	10.9226	0.936127	4.341521	94.8795	37.4104	15.8933	46.6963	14.6834	44.7285	102.648	150.024	1.7	1.40	T/T	CT	CG	TC	CC
63	24	FALSE	TRUE	None	420.725	0.8103142	10.0738	1.242855	6.489676	57.0422	38.7247	12.6961	48.5792	15.9252	33.4192	118.44	213.192	1	1.00	T/T	CT	CC	CC	CT
63	25	FALSE	TRUE	Cardiovascular	820.451	1.765831	22.0271	2.871296	8.614553	234	40.2149	13.2942	46.491	16.4768	45.6182	86.856	153.972	4.4	3.30	C/T	CT		TT	CC
67	30	FALSE	TRUE	Urology	452.665		11.766		11.40694	113.286				19.5646		94.752		4.5			CC		TC	CT
70	26	FALSE	TRUE	Urology	491.55		10.172		4.928463	65.7536				14.378		69.4848	173.712	13.6	11.20		CC		CC	CT
50	30	TRUE	TRUE	None	411.642	2.667107	13.6097	4.421665	10.87827	65.6093	42.9845	18.0196	38.9959	22.5283	44.9849	110.544	157.92	4.7	4.60	T/T	CC	GG	TC	CC
56	24	TRUE	TRUE	None	236.251	1.281704	12.7372	1.623581	6.262113	74.7194	50.5767	24.1699	25.2534	17.9551	39.5614	118.44	181.608	1.6	1.10	T/T	CC	CG	CC	CT
80	24	TRUE	TRUE	inflammatory	349.039	1.298065	17.8849	1.259167	5.798305	171.466	37.2572	12.8692	49.8737	19.767	41.4331	102.648	130.284	0.55	0.60	T/T	CT	CC	TC	CC
36	23	FALSE	TRUE	None	818.735	1.118965	16.1649	1.114716	5.344617	70.4746	33.6242	15.1694	51.2064	20.1072	36.5688	94.752	142.128	1.5	3.00	T/T	TT	GG	TC	CC
52	30	TRUE	TRUE	Depression Anixi	249.335	2.412071	25.8549	1.146408	8.26597	63.0443	41.3792	11.4305	47.1903	18.975	28.5112	126.336	142.128	0.95	3.00	C/T	CT		CC	CC
63	26	FALSE	TRUE	Cardiovascular	285.545	0.6420288	8.05977	1.076702	2.670753	25.3958	35.4399	14.3289	50.2312	16.1979	52.7685	94.752	177.66	2.5	2.10	C/T	CC	CC	CC	CT
65	23	TRUE	TRUE	Cardiovascular	319.822	0.6510773	13.9384	1.082653	7.894978	73.6047	37.2979	17.281	45.4211	15.5818	39.1908	110.544	181.608	2.6	2.70	T/T	CC	CC	CC	CC
53	35	FALSE	TRUE	Depression Anixi	690.958	0.8088112	16.7187	1.510376	7.295883	125.632	38.6227	13.1295	48.2478	16.0795	46.5801	94.752	157.92	1.8	1.50	T/T	CC	CC	TC	CC
67	30	FALSE	TRUE	inflammatory	405.801	0.4962692	9.23564	1.118343	3.417464	33.0745	39.0788	14.4349	46.4864	13.2061	45.2917	94.752	153.972	0.6	0.60	T/T	CT	CC	TT	CT
63	27	TRUE	TRUE	None	419.778	0.9416504	14.2885	2.503765	2.999235	43.926	34.6143	10.482	54.9037	16.883	40.7083	102.648	153.972	5.9	5.00	T/T	CC	CG	TC	CC
62	21	FALSE	TRUE	Urology												94.752	181.608	1.7	2.10		CT		TT	CT
46	28	TRUE	TRUE	None	441.036	2.001453	17.7294	1.547817	50.73587	40.4454	39.8467	11.1585	48.9947	15.3174	31.9712	110.544	161.868	0.4	0.40	C/T	CT	CC	TC	CT
76	21	FALSE	TRUE	Cardiovascular												134.232	240.828	6.3	5.50	T/T	CT	CG	CC	CC
68	25	FALSE	FALSE	Urology	281.733		13.8555		3.859946	58.4836				16.1065		118.44	157.92	4.1		T/T	CC	CG	TC	CC
71	21	TRUE	TRUE	None	418.78	1.451462	18.659	1.993702	5.485305	51.3956	38.7387	18.5192	42.742	13.9043	37.7386	102.648	173.712	2.3	1.80	T/T	CC	CG	TC	CC
43	26	FALSE	TRUE	None	347.284	1.055023	14.7509	1.466171	2.80954	67.7229	47.2382	25.6452	27.1167	19.2848	46.7513	110.544	169.764	0.4	0.30	T/T	CT	CG	TC	CC
71	26	TRUE	TRUE	Urology												118.44	189.504	7.2		T/T	TT	CC	TC	CC
66	23	FALSE	TRUE	Cardiovascular	439.654	0.6700859	10.5478	2.268272	2.44099	50.3426	38.3281	16.3807	45.2912	14.4617	34.1856	110.544	201.348	2	1.50	T/T	CT	CC	TC	TT
47	24	TRUE	TRUE	None	244.429		13.889		9.238579	54.4973				18.9954		110.544	157.92	0.5		T/T	CT		CC	CT
42	32	TRUE	TRUE	None	339.748	0.4515915	11.1725	1.103966	3.11615	25.5665	47.7445	17.403	34.8526	12.8096	37.7619	94.752	142.128	0.4	0.40	T/T	CC	CC	TC	CC
70	30	TRUE	FALSE	Urology	1112.99	0.6406631	17.3666	1.051876	4.210443	43.979	37.9259	14.955	47.119	20.6222	46.4996	102.648	157.92	4.3	3.70	T/T	CC	CC	TT	CC
66	31	FALSE	TRUE	None	362.867	0.8970451	13.5261	1.185646	5.360114	36.8487	39.8047	10.5111	49.6842	13.9418	34.6315	110.544	134.232	1.1	0.70	T/T	CC	CC	TT	CC
63	24	FALSE	TRUE	Urology	556.35		18.4819		5.064359	78.5541				14.439		86.856	169.764	8.9	8.50		CT		TC	CT
37	27	TRUE	TRUE	None	792.945	0.8918877	15.8454	3.70903	8.038447	125.24	34.8584	11.8955	53.2462	15.6674	40.6043	110.544	146.076	0.6	0.80	T/T	CT	CG	CC	CC
68		TRUE	FALSE	Cardiovascular	237.534		11.8125		4.830601	28.6656				16.6293		78.96	177.66	1.1	1.20		CT		CC	CT
62	27	FALSE	TRUE	Urology												94.752	197.4	2.2	2.60		CT		TC	CC
45	27	FALSE	TRUE	Cardiovascular	896.641	1.626484	16.1903	1.78875	4.177706	79.15	37.2898	18.8638	43.8464	21.3443	43.0517	102.648	138.18	0.3	0.30	T/T	CT	CG	TT	CC
57	31	TRUE	TRUE	Cardiovascular												94.752		0.6		T/T	CC	CG	TT	CT
54	22	FALSE	TRUE	None	775.331	0.7043152	15.4226	2.228176	5.549117	45.8373	39.025	12.3112	48.6638	14.0651	47.2755	102.648	146.076	0.4	0.30	T/T	CT	CG	TT	TT
72	24	TRUE	TRUE	Urology	354.286	0.725975	10.2776	1.468071	14.27497	234.793	39.0746	16.0519	44.8736	21.8112	44.733	86.856	142.128	2.8	2.90	T/T	CC	CC	TC	CC
58	29	TRUE	TRUE	Cardiovascular	435.252	1.253891	12.9926	0.977474	4.266591	96.2756	39.1438	19.6799	41.1763	18.8512	48.9923	86.856	173.712	1.2	1.00	T/T	CT	CC	TC	CT
62	25	TRUE	TRUE	None	320.184	0.3617706	10.137	1.716473	3.528962	146.412	33.9994	15.5317	50.4689	12.5329	52.1322	157.92	134.232	1.7	1.20	T/T	CT	CC	TC	CC
67	24	TRUE	TRUE	Cardiovascular	499.493	0.51297	14.2556	1.316387	2.325028	55.3073	32.43	20.8169	46.7531	19.2146	51.512	94.752	134.232	9	9.40	T/T	CT	CC	CC	CC
64	30	FALSE	TRUE	Cardiovascular	284.649	0.5291786	9.93441	1.170372	3.553295	73.3865	38.6972	25.8351	35.4677	12.7502	50.771	78.96	134.232	0.5	0.50	T/T	CT	CC	TC	CC
46	27	FALSE	TRUE	None	278.026	1.575951	13.8165	1.519562	6.945668	86.7568	48.3251	13.6583	38.0167	28.5147	6.44219	86.856	165.816	0.9	1.10	T/T	CC	CC	CC	CT
48	22	FALSE	FALSE	None												126.336		1.6		T/T	TT	CC	CC	CC
60	24	TRUE	TRUE	Cardiovascular												94.752	157.92	1.9	1.60	T/T	CT	CG	TT	CT
48	23	FALSE	TRUE	None	262.542	0.5128784	8.10715	0.974773	2.654872	74.8207	31.6215	14.4839	53.8947	13.4737	41.8758	78.96	157.92	0.7	0.50	T/T	CT	CG	TT	CC
55	26	TRUE	TRUE	None	307.208	1.369812	14.0996	1.911068	7.253755	96.5396	38.5706	11.2014	50.228	14.9659	35.9198	78.1704	165.816	1.7	1.40	T/T	CT	CC	TC	CC
67	27	FALSE	TRUE	None	210.161	0.7765923	10.3377	1.967628	4.082077	42.929	45.0553	13.9451	40.9996	20.7751	40.2054	72.6432	126.336	2.2	2.50	T/T	CC	CG	TC	CT
46	30	FALSE	TRUE	None												78.96	126.336	0.7	0.80	T/T	CC	CG	TC	CT
28	24	FALSE	TRUE	None												102.648		1.2		T/T	CC	CG	TT	CC
68	27	FALSE	FALSE	Cardiovascular	586.95	1.355656	14.3185	1.642864	4.17144	55.705	34.6242	8.89952	56.4763	17.2851	40.9795	86.856	157.92	0.8	0.70	T/T	CC	CG	TC	CT
56	24	FALSE	TRUE	None	423.081	2.335606	29.1703	3.380337	11.51597	239.825	44.6158	25.4303	29.9539	23.5709	37.5891	126.336	157.92	0.6	0.80	T/T	TT	CC	CC	CT
33	24	FALSE	TRUE	None	651.423	0.7499237	16.7637	2.321323	36.76116	38.4353	39.9072	14.9923	45.1006	13.5812	46.9484	126.336	142.128	0.5	0.50	C/T	CC	CG	TC	CC
34	32	FALSE	FALSE	None	221.324	1.270832	14.2602	1.486774	62.06495	52.6074	41.2801	15.0726	43.6473	15.4313	32.8021	118.44	165.816	0.8	0.70	T/T	TT	CC	TT	CC
46	28	FALSE	TRUE	None	212.332	1.043983	11.2689	3.319088	8.153678	92.0576	37.8496	18.0678	44.0827	15.4794	49.157	102.648	197.4	4.2	2.50	T/T	CC	CG	TC	CT
52	25	TRUE	TRUE	None	87.2771	0.0506783	20.239	1.765202	3.301325	27.7045	36.0285	23.2894	40.6821	21.7512	47.126	142.128	165.816	1	1.00	T/T	CT	CG	CC	CC
32	24	FALSE	TRUE	None	256.858	0.5975494	12.6663	1.41161	4.025204	47.3624	36.3356	15.1482	48.5162	14.1299	37.5251	102.648	173.712	0.5	0.60	T/T	CC	CC	TC	CT
70	22	FALSE	TRUE	None	363.578	0.3402061	6.81142	0.483124	1.975748	16.437	34.7945	8.98963	56.2159	13.9227	47.5667	86.856	126.336	1.4	1.60	T/T	CC	GG	CC	CC
52	32	FALSE	TRUE	None	550.941	1.644539	16.6842	1.468857	4.81629	46.6299	37.7431	14.3147	47.9422	19.6361	47.1424	86.856	126.336	0.8	0.80	T/T	CT	CC	TC	CT
49	29	FALSE	TRUE	None												86.856	140.549	0.7		T/T	CC	CG	TC	CT
42	29	TRUE	TRUE	None												65.5368		1.4		T/T	CT	CG	TT	CC
47	27	FALSE	FALSE	Depression Anixiety												78.96	175.291	0.7		T/T	CC	CG	CC	CC
36	31	FALSE	FALSE	None												86.856		0.7		T/T	CC	CG	TT	CC
53	26	FALSE	TRUE	None												75.8016		0.6		C/T	TT	CC	TT	CC
64	29	TRUE	FALSE	None												65.5368	142.128	4.4	4.00	T/T	CT	GG	TT	CC
55	27	TRUE	FALSE	Cardiovascular												102.648		0.6		T/T	CT	CG	CC	CC
41	23	FALSE	TRUE	None												86.856	150.024	0.8		T/T	CT	CC	TC	CT
28	29	FALSE	TRUE	None												72.6432	126.336	0.5		C/T	CT	GG	TC	CC
35		FALSE	TRUE	None												86.856		0.5		T/T	CT	CG	TT	CC
45		FALSE	TRUE	None												86.856	134.232	0.6	0.70	T/T	TT	CC	TC	CT
30	29	FALSE	TRUE	None												94.752	134.232	0.3	0.30	T/T	CT	CG	CC	CT
30	24	FALSE	TRUE	None												110.544	118.44	3.7	2.30	T/T	CT	CG	TC	CT
68	27	TRUE	TRUE	None	467.976		11.3217		3.131447	34.6529				11.8507		94.752	213.192	0.3		T/T	CT	GG	TC	CC
30	20	TRUE	TRUE	None												94.752		1.4			CT	CC	TC	CC
58	0	FALSE	TRUE	None												86.856		0.9		T/T	CT	CC	TC	CT
29	18	FALSE	FALSE	None												292.152				C/T	CT	CC	TC	CT
46	45	FALSE	TRUE	None												94.752		0.8		T/T	TT	GG	TC	CT
58	28	FALSE	TRUE	Cardiovascular												110.544		0.7		T/T	CC	CC	TC	CT
23	32	TRUE	TRUE	None												94.752		0.8		T/T	CC	CC	CC	CT
40	29	FALSE	TRUE	None												110.544	162.658	0.5		T/T	CC	CG	TC	CC
58	28	TRUE	FALSE	Urology	225.752		9.22781		3.87733	66.7149				20.799		102.648	161.868	12.3	8.90		CT		CC	CT
52	28	FALSE	TRUE	None	479.492	0.376358	11.8234	3.548546	109.9142	68.1343	34.3883	30.4201	35.1916	16.9458	47.4566	150.024	150.024	1.3	1.50	T/T	CC	CG	TC	CC
42		TRUE	TRUE	None												102.648		0.8		T/T	CC	CC	TC	CT
50		FALSE	TRUE	None												94.752	134.232	1.2	0.30		CC	CG	TC	CC
50		FALSE	TRUE	None												102.648	157.13	0.8		T/T	CT	GG	TC	CC
57		TRUE	TRUE	Cardiovascular	438.285		21.1305		6.271662	69.2482				23.1131		94.752		0.9		C/T	CT	CC	TC	CC
52		FALSE	TRUE	None	469.306	1.561714	18.7183	2.043007	61.96082	33.6382	39.9209	13.1693	46.9098	16.5687	38.0209	94.752	157.92	0.3	0.30	T/T	TT	CC	CC	CT
59	24	FALSE	TRUE	None	613.544	1.87291	23.7673	2.2071	8.047801	60.5466	32.6454	8.18319	59.1714	18.5469	45.9029	86.856	157.92	4.7	3.60		TT	CC	TC	CT
54	26	TRUE	TRUE	Cardiovascular	236.632	0.9863968	13.7974	0.97205	3.559095	56.2857	42.506	22.2665	35.2276	20.0431	37.753	110.544	213.192	1.8	2.00	T/T	CC	CC	TC	CT
60	24	TRUE	TRUE	None	450.978	1.268631	11.8947	1.055622	2.978332	53.7519	42.9856	15.4357	41.5787	17.172	38.6634	94.752	142.128	1.3	2.00	T/T	CT	CC	CC	CC
25	22	FALSE	FALSE	None												86.856		0.7		C/T	CC	CG	TT	CC
62	28	TRUE	TRUE	Urology	443.266	0.8444481	12.5039	2.540508	3.598052	26.7234	47.2579	19.3895	33.3526	13.9058	30.6607	86.856	165.816	0.6	0.50	T/T	CC	CG	TC	CC
72	25	TRUE	TRUE	None	227.844		7.96679		4.620223	48.8053				15.7175		102.648	157.92	0.6		T/T	CC	CG	CC	CC
44	26	FALSE	TRUE	None	251.331	0.9305687	12.6759	1.089588	3.593163	79.6036	36.0867	15.9263	47.987	15.0942	32.057	126.336	157.92	0.5	0.50	T/T	CT	CG	TT	CC
54	27	FALSE	TRUE	None												86.856	165.816	3.5	0.50	T/T	CT	CG	CC	CT
62	26	TRUE	TRUE	None	246.66	0.8519859	9.23384	0.69735	18.34918	39.0314	35.9818	7.71484	56.3033	15.2377	39.8246	102.648	165.816	1.4	1.10	T/T	CT	CG	TC	CC
29	26	FALSE	FALSE	other	346.395		12.9807		3.92333	75.9408				11.3601		110.544	165.816	0.4	0.50	T/T	CT	GG	CC	CT
51	32	FALSE	FALSE	None												110.544	181.608	0.7	0.60	T/T	CT	CG	TC	CC
48	24	FALSE	TRUE	None												142.128		0.5		T/T	CC	GG	TC	CC
61	29	TRUE	TRUE	Cardiovascular	265.584	0.6662064	13.3135	2.07058	3.624894	33.9986	42.0857	15.8011	42.1132	15.5739	38.5721	110.544	165.816	1.6	1.50		CT	CG	TC	CT
46	26	TRUE	FALSE	None	242.944	0.7278633	14.5412	5.267075	53.16935	41.7316	35.7309	18.7185	45.5507	22.1615	43.64	110.544	189.504	0.2	0.20	T/T	CT	GG	TT	CC
57	21	FALSE	TRUE	None	207.973	0.4109383	7.54794	1.375618	2.757874	34.0089	35.6915	20.2156	44.0929	20.4111	55.3707	102.648	150.024	0.2	0.20	T/T	CC	CC	TC	CT
73		FALSE	FALSE	Urology	713.967		17.6654		8.863234	50.4474				18.1413		110.544	142.128	9.6	12.00		CT		CC	CC
34	26	FALSE	TRUE	None	812.163	0.7340508	28.8379	2.696232	6.099884	54.1125	35.3353	13.8491	50.8156	21.1779	41.2452	94.752	134.232	0.65	0.70	T/T	TT		TC	CC
71	32	FALSE	TRUE	Urology	290.595		8.41998		12.8788	142.655				16.8704		134.232	205.296	0.1	0.20		CT		TC	CC
63	27	TRUE	TRUE	Cardiovascular	563.072	0.3206673	26.7494	0.75457	29.73463	207.22	35.6669	5.6098	58.7233	15.322	28.4832	118.44	134.232	2.4	2.60	T/T	CC	CG	TC	CC
63	36	FALSE	TRUE	Urology	412.064		9.45985		9.014795	71.555				19.812		94.752	205.296	1.6	2.60		CC			CC
45	25	FALSE	TRUE	other	316.233	1.256622	13.1277	1.118927	4.442219	73.779	34.6806	12.9455	52.3739	17.5265	37.1632	106.596	181.608	0.6	0.80	T/T	CC	CG	TC	CC
73	24	FALSE	TRUE	Cardiovascular	205.944	0.9183006	13.966	1.702679	4.771697	61.8375	33.2802	13.7021	53.0177	13.2614	36.8065	90.804	157.92	2.1	4.30	T/T	CC	CC	TT	CC
75	21	FALSE	TRUE	Cardiovascular	315.475	0.4758682	13.2511	1.644081	5.751276	49.1111	39.3698	13.324	47.3062	19.7245	39.4356	75.8016	173.712	1.8	1.70	T/T	CC	CC	TT	TT
77	26	FALSE	FALSE	None	163.118	0.6969833	13.7647	1.17432	5.1404	111.75	40.8532	7.93026	51.2166	18.5166	47.1978	90.804	181.608	1.2	1.40	T/T	CT	GG	TT	CC
71	27	FALSE	FALSE	Cardiovascular	1335.12	0.8617668	15.4237	2.244633	5.201451	44.1466	31.237	11.1615	57.6015	11.9937	47.899	118.44	221.088	1.6	2.50	T/T	CT	CC	TC	CT
49	23	FALSE	TRUE	None	926.021	0.3658218	12.2032	1.67469	4.32273	39.9771	29.9319	34.5028	35.5653	15.5311	58.1749	98.7	221.088	0.8	0.90	T/T	CC	GG	TC	CC
51	25	FALSE	TRUE	None	492.058	0.9376526	15.9205	3.335217	4.574255	90.0829	41.996	20.7857	37.2183	18.852	40.7873	98.7	205.296	1.6	1.50	T/T	TT	GG	TC	CC
68	22	FALSE	TRUE	None	296.719	0.3213463	10.7639	2.472328	6.711939	57.9171	39.4872	25.4463	35.0665	14.2342	46.4758	106.596	173.712	0.9	1.10	T/T	CC	CG	TT	CC
62	30	FALSE	TRUE	None	182.44	0.7460709	9.71748	1.078484	2.762567	265.308	37.8774	30.6669	31.4556	21.7964	35.7143	153.972	165.816	7.8	5.20	T/T	CT	CG	TT	CC
67	22	FALSE	TRUE	Cardiovascular	521.713	1.295341	13.2101	2.604481	3.634142	55.0079	35.2221	31.635	33.1428	15.3788	36.4602	98.7	189.504	6.5	7.20	T/T	CC	CG	TT	CT
44	27	TRUE	TRUE	None	541.994	1.601505	16.8245	1.960938	6.17415	51.6316	36.4842	11.8018	51.714	17.609	33.8144	86.856	157.92	0.4	0.50	T/T	CT	CC	CC	CC
40	21	FALSE	TRUE	None	2098.51	0.6650162	15.6506	3.346367	4.51637	84.0559	44.6776	27.2941	28.0283	15.561	38.1905	134.232	213.192	0.6	0.60	T/T	CT	CC	CC	CT
68	29	FALSE	TRUE	None	261.16	1.140251	11.4328	0.979256	4.231188	40.9943	31.0351	10.7169	58.248	13.021	50.2476	90.804	189.504	5.5	5.30	T/T	CT	CG	TC	CT
66	32	FALSE	FALSE	Urology												110.544	205.296	2.6	2.30		CC		TT	CT
78	26	FALSE	TRUE	Cardiovascular	376.863	0.6813507	11.3356	1.850559	9.023574	62.6606	36.603	12.0958	51.3012	12.7562	41.4283	110.544	197.4	5.2	5.80	T/T	CC	CG	TT	CC
74	24	TRUE	TRUE	Cardiovascular	313.897	1.007816	11.647	0.599201	7.049828	93.9302	40.2147	10.3349	49.4504	16.498	38.199	86.856	165.816	4.6	4.90	T/T	CT	CG	CC	CC
68	24	FALSE	TRUE	Urology	340.547		17.6186		5.149005	76.0243				17.5073		114.492	173.712	7	9.60		CC		CC	CC
45	26	FALSE	TRUE	None	618.069		14.1318		4.115648	173.596				16.5928		106.596		0.7		T/T	CC	GG	TT	CT
27	28	FALSE	FALSE	other												106.596		2.2		T/T	CT	CC	CC	CT
45	25	FALSE	TRUE	inflammatory	229.051	0.277874	13.6724	0.796047	3.400284	56.967	33.4034	12.4268	54.1699	18.4024	42.7446	90.804	181.608	1.8	1.70	T/T	CC	CG	TT	CC
61	22	TRUE	TRUE	Depression Anixi	783.459		15.6321		8.173537	34.7732				20.3619		106.596		1.5		T/T	CT	GG	CC	CC
52	22	FALSE	TRUE	Cardiovascular	502.468	1.499561	16.6635	3.446186	16.98425	98.3905	36.834	13.1686	49.9974	19.4028	52.6346	122.388	181.608	1.1	1.20	T/T	CT	CC	TC	CC
35	20	FALSE	TRUE	None												142.128	152.393	0.3		T/T	CC	CG	CC	CC
62	27	FALSE	TRUE	None												114.492	213.192	2.3	2.00	T/T	CC	CG	TC	CT
42	26	FALSE	TRUE	None	644.362	0.9756966	15.6982	1.554684	12.12293	91.5304	42.62	20.1087	37.2713	17.1248	44.6508	114.492	173.712	0.8	0.90	T/T	CC	CG	TC	CC
65	23	FALSE	FALSE	Diabetes												126.336	189.504	2	1.30	T/T	CC	CC	CC	CC
53	25	FALSE	TRUE	None	607.016	0.3633652	12.3534	1.542816	4.029985	80.1611	34.07	19.786	46.144	17.3432	44.7

42	30	FALSE	FALSE	None												86.856		0.5		T/T	CT		CC	CC
50	27	TRUE	TRUE	None												94.752	157.92	0.7	0.70	T/T	CT		TC	CC
48	20	FALSE	TRUE	None												102.648		0.9		T/T	TT	CC	CC	CT
46	25	FALSE	TRUE	None												102.648	150.024	1.1	1.00	T/T	CC	CC	TC	TT
28	34	FALSE	TRUE	None												94.752		0.4		T/T	CT	CC	TC	CT
53	29	FALSE	TRUE	None												118.44	134.232	0.3	0.40	C/T	CC	CG	TC	CC
29	23	TRUE	TRUE	None												102.648		0.4		T/T	CT	CC	TT	CC
20	21	TRUE	TRUE	None												110.544		0.3		T/T	CT	CG	CC	CC
20		FALSE	TRUE	None												110.544	150.024	0.4	0.40	T/T	CC	CC	TT	CC
41	30	FALSE	TRUE	None												102.648		0.3		T/T	CT	CC	CC	CC
51	29	FALSE	TRUE	Depression Anixiety												134.232	189.504	0.9	0.90	T/T	TT	CG	TC	CT
40	22	TRUE	FALSE	None												118.44		1		T/T	CC	CG	TC	CC
49	37	TRUE	TRUE	None												102.648	157.92	0.9	0.90	T/T	CC	CC	TC	CC
36	27	FALSE	TRUE	None												102.648	165.816	0.5	0.60	T/T	CT	CC	TT	CT
55	22	FALSE	TRUE	None												110.544	197.4	1.7	1.90	T/T	CC	CC	TC	CT
35	22	FALSE	TRUE	None												102.648	150.024	0.4	0.40	T/T	CC	GG	TC	CC
47	32	FALSE	TRUE	other	379.239		15.4849		3.006965	85.0161				21.9418		110.544		0.8		T/T	CT	CG	TC	CC
35	26	FALSE	TRUE	None												98.7		0.3		C/T	CC	CG	TC	CC
73	35	TRUE	TRUE	Diabetes	503.801	1.439159	12.5787	1.3951	5.537738	54.8558	42.2353	22.9717	34.793	20.7902	49.2781	114.492	118.44	1.2	0.60	T/T	CC	GG	TC	CC
46	30	FALSE	FALSE	other	549.899	0.7394371	19.0531	2.528774	9.05467	104.732	36.5178	11.3677	52.1146	16.2296	43.4744	134.232	173.712	0.5	0.40	T/T	TT	CG	TC	CC
45	30	TRUE	FALSE	None												122.388	229.774	4.4		T/T	TT	CG	TC	CT
38	28	TRUE	TRUE	Depression Anix	594.283		21.916		5.558982	90.9532				19.8648		114.492	173.712		0.40	T/T	CT	GG	CC	CC
42	26	FALSE	TRUE	None												146.076	150.024	0.3	0.40	T/T	CT		TC	CT
64	25	FALSE	TRUE	Urology	355.358		16.9329		10.84304	72.1673				17.0493		110.544	134.232	8.8	11.30		TT		TC	CC
39	24	FALSE	TRUE	None												106.596		0.9		T/T	CT	CG	TT	CC
51	27	TRUE	TRUE	None	223.672		11.4947		33.20979	30.0572				14.8912		94.752		0.3						CC
43	26	FALSE	TRUE	None												110.544		0.9		T/T	CT	CG	TT	CC
62	23	FALSE	TRUE	Cardiovascular												102.648	146.076	5.6		T/T	CT	CC	TC	CC
46	25	FALSE	TRUE	None	251.434		14.7588		42.44923	32.4884				16.819		98.7		0.6		T/T	CT	CC	CC	CC
48	25	FALSE	TRUE	None												110.544	153.972		0.70	T/T	CC	CG	TC	CC
58	31	FALSE	TRUE	None	226.313	0.4102707	10.5576	1.442383	2.423298	62.6201	39.8792	18.3322	41.7887	16.285	51.1743	118.44	150.024	0.8	1.00	T/T	CT	CG	TC	CC
61	27	FALSE	TRUE	None	245.514	1.112469	15.284	1.441891	6.979057	107.909	39.8488	13.9012	46.25	15.153	30.4743	94.752	205.296	1.1	0.90	T/T	CC	GG	CC	CC
71	32	FALSE	TRUE	None	257.667	0.6160583	10.6265	1.232109	3.004575	58.6104	35.1032	7.6944	57.2024	12.9169	43.7642	110.544	161.078	17	19.70	T/T	CT	GG	TT	CT
44	26	FALSE	TRUE	Depression Anix	231.105		12.0804		4.63054	45.3807				13.7763		118.44	223.45	1.2		T/T	CT	CC	CC	CT
64	26	FALSE	TRUE	other	382.981	1.263737	13.4036	1.218212	5.968865	69.7352	36.1274	15.3062	48.5664	17.0989	35.923	110.544	195.031	2	1.90	T/T	CT	GG	TT	CC
59	22	FALSE	TRUE	None	185.43		12.4577		5.776084	100.041				19.7544		102.648	190.294	0.9		T/T	CC	CG	TC	CC
46	31	FALSE	TRUE	other	240.005		9.45571		3.136942	58.2491				13.9387		94.752	178.45		0.60	T/T	CT	CC	TC	CC
46	25	FALSE	FALSE	None	288.667		12.6283		4.007227	35.8424				16.5683		94.752	168.974		0.30	T/T	CT	CC	TT	TT
55	26	FALSE	TRUE	Cardiovascular	298.243	0.32061	14.1422	1.483192	4.288051	38.879	31.4437	27.7505	40.8059	15.2449	42.2364	102.648	206.875	0.6	0.70	T/T	CT	GG	CC	CC
74	24	FALSE	TRUE	None	666.744		11.4553		2.634038	45.1623				13.2548		110.544	185.556		1.90	T/T	CC	CC	CC	TT
64	21	FALSE	TRUE	Urology												81.7236	168.185	0.7	0.70			CC		
70	23	FALSE	FALSE	Cardiovascular												78.96	180.029		1.60	T/T	CT	CG	TC	CC
62	20	FALSE	TRUE	None												157.92	191.083	0.9	1.20	T/T	CT	CG	TC	CC
51	36	FALSE	TRUE	inflammatory												134.232	142.918	0.9	0.80	T/T	CC	CG	CC	CT
50	30	FALSE	TRUE	None	360.333	0.689743	8.84478	1.816452	2.580775	43.7901	38.1945	17.3536	44.452	14.3092	34.8395	150.024	122.388	0.3	0.80	T/T	CT	CG	TC	CC
61	30	TRUE	TRUE	None	644.167	0.2515564	11.892	1.652313	3.243545	37.9151	43.5857	30.448	25.9663	11.0118	39.9549	157.92	232.932	2.4	2.70	T/T	CT	CG	CC	CT
60	35	FALSE	TRUE	Cardiovascular	538.668		8.20495		2.074394	37.7169				18.072		150.024		0.8		T/T	CC	CG	CC	CC
71	21	FALSE	TRUE	Cardiovascular	535.948	1.635269	13.8008	1.565544	4.647317	32.4381	36.2929	19.3613	44.3458	19.9544	46.0569	142.128	173.712	6.5	8.10	T/T	CC	CG	CC	CC
72	29	FALSE	TRUE	Cardiovascular												142.128	134.232	3.6	5.00	T/T	CC	CG	TC	CC
40	17	FALSE	FALSE	None	560.829	0.9843826	15.9179	1.847313	3.283863	36.6306	41.9735	19.2216	38.8048	14.7346	43.6272	157.92	210.034	1.2	1.50	C/T	CC	CG	TC	CT
58	29	FALSE	TRUE	None	748.476	1.33794	18.9281	2.335567	7.136841	89.4305	35.3072	16.359	48.3338	18.2833	38.9152	150.024	162.658	0.8	0.60	T/T	CT	CG	TC	CC
54	30	FALSE	TRUE	Cardiovascular												126.336		0.8	1.10	T/T	CC	CC	TC	CT
77	28	TRUE	TRUE	Cardiovascular												126.336	250.303	1.4		T/T	CT	CG	TC	CT
54	35	FALSE	TRUE	None	409.276	0.4372482	11.1345	2.105118	2.566432	49.7007	37.3256	14.7843	47.8901	16.224	39.8129	126.336	182.398	1.3	1.20	T/T	CC		TC	CC
61	30	TRUE	TRUE	Cardiovascular	196.594	1.484783	14.4847	1.295944	7.66083	60.4723	40.2595	12.1805	47.5599	19.2234	23.7752	126.336	145.286	0.5	0.50	T/T	CC	CG	TC	TT
63	24	FALSE	TRUE	None												110.544	157.92	1		T/T	CT	CG	TC	CC
65	28	TRUE	TRUE	Cardiovascular	263.333	0.4762497	35.177	1.360344	5.851267	80.9044	33.1313	9.4957	57.373	15.924	37.3668	118.44	151.603	0.4	0.90	T/T	CT	CC	TT	CC
52	25	FALSE	TRUE	None	448.609	1.243973	13.231	1.325474	7.506447	287.804	36.3657	18.5339	45.1004	20.4702	35.5484	157.92	179.239	0.7	0.90	T/T	CC	CG	TC	CT
69	27	TRUE	TRUE	Urology												102.648	155.551	61.7	4.90		CC		TT	TT
66	32	FALSE	TRUE	None	381.37	1.49474	16.1238	1.77578	9.499187	112.162	35.5583	20.4165	44.0252	17.5649	40.4514	110.544	184.766	0.8	0.40	T/T	CT	CG	TT	CT
54	24	TRUE	TRUE	None	539.535	0.8476334	10.5205	1.827499	5.500001	63.545	42.1729	13.3551	44.472	15.0257	40.2647	134.232	123.967	1.3	1.00	T/T	CT	GG	TC	CT
52	27	FALSE	TRUE	Cardiovascular	390.093	0.558609	16.4192	1.440029	4.192673	96.9667	38.5322	22.536	38.9317	14.0701	43.4255	150.024	194.242	0.5	0.40	C/T	CC	GG	TC	CC
53	28	FALSE	FALSE	inflammatory	425.428	1.116943	13.6864	2.271667	3.888225	56.6311	38.3965	16.9405	44.663	12.8463	46.4486	118.44	180.818	2.6	2.80	T/T	CC	GG	CC	TT
60	26	TRUE	TRUE	None	180.044		7.7005		1.629515	25.019				11.4873		110.544		0.7		T/T	CT	CG	TC	CC
65	30	TRUE	TRUE	Cardiovascular	289.634	0.5387077	13.8157	1.009171	2.122751	45.2378	33.8205	19.7787	46.4008	14.0151	49.7664	150.024	210.823	0.8	0.80	T/T	TT	CG	CC	CC
48	23	FALSE	TRUE	Cardiovascular	852.456	0.6418953	13.803	1.182159	6.783602	121.577	35.9654	35.8016	28.233	16.1448	33.9825	134.232	183.977	1.7	0.80	T/T	CT	CC	TT	CT
75	33	FALSE	TRUE	Cardiovascular	210.275		7.76884		6.615648	38.3592				17.7873		102.648	179.239	1.5	1.50	T/T	CC	CC	TC	CT
59	25	TRUE	TRUE	None	305.813		14.4175		5.044188	80.7084				24.6297		195.031				T/T	CT	CG	TT	CC
45	26	TRUE	TRUE	None	378.679	0.7998734	13.3369	3.204948	4.953541	64.8383	36.5379	16.2311	47.231	13.8516	42.6434	118.44	172.922	2.2	1.40	T/T	CC	CG	CC	CT
73	34	TRUE	TRUE	Diabetes	250.819	0.615757	11.6114	1.547981	42.10306	24.5637	39.745	22.2102	38.0448	12.002	25.0113	134.232	197.4	2.2	2.70	T/T	CC	CC	TT	CC
40	25	FALSE	TRUE	None	399.851	0.5594788	16.9568	1.697845	16.82482	88.3604	41.4412	16.6976	41.8613	21.7094	30.4617	118.44	174.502	0.6	0.60	T/T	CC	CG	TC	CC
75	22	FALSE	TRUE	None	961.589	0.5877304	14.469	1.13615	2.70171	85.8391	36.2293	23.4701	40.3006	13.0831	46.8714	118.44	220.298	0.4	0.40	T/T	CT	CG	TC	TT
50	23	TRUE	TRUE	None	416.959	1.327042	12.6	1.231918	3.696673	39.1743	39.6891	18.517	41.794	14.569	36.7292	134.232	224.246	0.7	0.70	T/T	CT	GG	TC	CC
77	25	TRUE	FALSE	other	431.874	1.595219	11.1151	1.053337	8.563519	59.4163	31.3509	21.7093	46.9398	16.5776	38.3527	63.9576	161.078	4	0.80	T/T	TT		TC	CC
41	28	FALSE	TRUE	None	188.275	0.7743835	15.124	1.086475	4.15272	48.5771	36.9761	9.93863	53.0853	16.1037	37.1327	102.648	166.606	0.3	0.40	T/T	TT	CG	TT	CC
41	31	FALSE	TRUE	Cardiovascular												102.648	128.705	0.8		C/T	CT	CG	TC	CT
47	37	TRUE	FALSE	None	808.421		29.9891		8.000285	97.0221				18.7806		134.232		0.3		T/T	CC	CG	TC	CC
53	29	FALSE	TRUE	None	715.42		13.9934		7.237896	107.523				19.211		102.648	152.393	4.7		T/T	CT	GG	TT	CT
64	24	FALSE	TRUE	None	430.869		8.35798		2.347326	80.8282				13.988		86.856		2.5		T/T	CT	CC	TT	CT
30	26	TRUE	TRUE	None												94.752	152.393	0.8	0.80	T/T	CT	CC	TT	CC
60	31	FALSE	TRUE	Cardiovascular	1260.68	0.8579445	18.3047	2.2612	12.99525	66.5228	35.8694	16.4849	47.6457	15.4342	39.848	86.856	159.499	4.9	4.60	T/T	TT	CC	CC	CT
49	23	TRUE	TRUE	None	437	0.3669434	12.4441	0.734638	3.27573	40.0631	35.5423	10.6262	53.8315	15.1734	37.9314	102.648	192.662	1	0.70	T/T	CT	CC	TT	CC
42	23	FALSE	TRUE	None	383.564		14.7359		3.169663	49.2978				16.8966		102.648	162.66	0.5		T/T	TT	CC	TC	CC
33	25	FALSE	TRUE	None	347.095		18.0869		10.47233	78.3572				18.9099		139.759				T/T	CC		TC	CC
48	23	TRUE	TRUE	None	487.018		9.98656		5.209574	73.7392				16.3334		120.809	118.44		0.80	T/T	TT	CG	TC	CC
28	28	FALSE	TRUE	None												91.5936				T/T	CC	CG	TT	CT
73	28	FALSE	TRUE	Cardiovascular												112.123	159.499			T/T	CC	GG	TT	CC
34	28	FALSE	TRUE	None	216.495	0.19841	12.5141	2.582954	4.574492	26.5881	42.8923	13.9433	43.1644	14.8448	41.1011	116.071	112.123	0.9	1.20	T/T	CT	CG	TT	CT
34	29	FALSE	TRUE	inflammatory												106.596				C/T	CT	CG	TC	CT
30	26	FALSE	TRUE	None												92.3832	140.549		1.10	T/T	CT	GG	CC	CC
59	26	FALSE	TRUE	Cardiovascular												110.544	172.133			T/T	CC	CC	TT	CC
71	29	FALSE	FALSE	Cardiovascular												108.965	167.395			T/T	CC	CC	CC	CT
75	27	FALSE	FALSE	Depression Anixiety												100.279	140.549			T/T	CC	CG	TC	CC
47	26	FALSE	TRUE	None												145.286	161.868			T/T	CC	CG	TC	CC
68	28	FALSE	TRUE	None												97.9104	154.762			T/T	CT	CC	CC	CT
77	22	FALSE	TRUE	Cardiovascular												82.908	156.341			T/T	CT		CC	CC
53	25	TRUE	TRUE	Cardiovascular												112.123	164.237		0.30	T/T	CC	CC	TC	CC
63	27	TRUE	TRUE	Cardiovascular												123.178	167.395			T/T	CT	CG	TC	CC
49	26	FALSE	TRUE	None												124.757	135.022	0.8	1.00	T/T	CT	CC	TT	CC
56	26	FALSE	FALSE	None	1785.58	1.256329	33.843	3.007385	22.42651	73.0096	34.8172	22.0903	43.0925	17.6098	54.0392	141.338	198.979	0.3	0.50	T/T	CT	CC	CC	CC
54	28	FALSE	FALSE	other	290.913		10.0218		3.0388	48.5563				13.0869		102.648	174.502			T/T	CC	CC	TT	CC
53	30	FALSE	TRUE	None	625.919	0.6133881	12.202	1.22633	3.861858	73.236	33.3423	19.8068	46.8509	12.222	43.258	101.069	177.66	3.2	4.20		CT		TT	CT
77	31	TRUE	TRUE	Depression Anixiety												63.168				T/T	CT	GG	CC	CC
74	31	TRUE	TRUE	Depression Anixiety												114.492	112.913			T/T	CC	CG	TC	CT
71	27	TRUE	TRUE	inflammatory												82.908	120.019		8.00	T/T	CC	CG	TC	CC
72	24	TRUE	TRUE	other												117.65	162.658			T/T	CT	CC	TC	CT
69	26	TRUE	FALSE	Cardiovascular	538.857	0.5720749	13.137	1.377895	18.9598	34.5439	35.2427	28.4578	36.2995	13.2273	44.0839	126.336	150.024	8.8	0.40	T/T	CC	CG	CC	CC
57	29	FALSE	TRUE	Cardiovascular												147.655	177.66		4.10	T/T	CT	CC	TC	CT
68	31	TRUE	TRUE	Cardiovascular												104.227	152.393		1.60		CT	CG	TC	CT
56	24	FALSE	TRUE	Cardiovascular												108.175	177.66				CC	CG	TC	CC
51	27	FALSE	TRUE	None	904.674		17.0991		5.136149	62.5991				17.8814		93.1728	148.445				CC	CC	TC	CC
57	27	TRUE	TRUE	None	391.134	0.5716286	11.0482	1.193169	21.16387	128.436	40.417	16.0022	43.5808	11.9289	41.2832	151.603	158.71	0.4	0.40	T/T	CT	CC	TC	CT
67	30	TRUE	TRUE	Cardiovascular												103.438	183.187			T/T	CT	CG	TC	CC
67	30	TRUE	FALSE	inflammatory												116.071	158.71			T/T	CC	CC	TT	CC
42	27	TRUE	FALSE	other												102.648	168.974		2.60	T/T	CC	CC	CC	CC
52	30	FALSE	TRUE	None	537.792	1.568031	20.9466	3.084976	8.179232	122.266	41.1095	17.695	41.1955	20.3993	37.0234	142.918	187.925	0.7	1.00	T/T	CT	CG	TC	CC
57	36	TRUE	TRUE	None												107.386	102.648		0.70	T/T	CT	CC	CC	CC
57	29	TRUE	FALSE	Urology												105.017	132.653				CC	CG	CC	CC
57	34	FALSE	TRUE	Cardiovascular	255.97	1.09502	13.1997	2.884846	3.387396	52.5021	38.9058	18.0254	43.0689	14.0818	42.2872	134.232	123.178	0.9	0.90	T/T	CC		TC	CC
69	25	FALSE	TRUE	None	507.104	0.753212	17.7262	1.698067	32.66679	108.759	39.1653	21.3945	39.4403	16.3807	39.4885	170.554	159.499	1	1.20	T/T	CT	GG	TC	CC
72	30	TRUE	TRUE	Cardiovascular												116.071	138.97		3.30	C/T	CC	CG	TC	CC
69	30	FALSE	TRUE	Urology												112.123	151.603			T/T	CC	CG	CC	CC
65	28	TRUE	TRUE	None												112.913	146.866	2		T/T	CC	CC	TT	CC
68	26	TRUE	TRUE	Cardiovascular												114.492	172.133		0.80	T/T	CC	CG	TC	CC
64	29	FALSE	TRUE	None												86.856				T/T	CT		TT	CT
66	31	FALSE	TRUE	Urology												94.752	144.497			T/T	CC	CG	TC	CT
34	25	TRUE	TRUE	None	369.234		13.6896		4.849647	92.5479				17.7942		123.178	198.979		0.30	T/T	CC	CG	TT	CT
77	26	TRUE	TRUE	None												195.031	226.615			T/T	CT	CC	CC	CT
59	25	FALSE	TRUE	None	386.944	1.340778	14.5238	2.384346	87.74142	67.8459	38.4876	13.8915	47.6209	15.064	29.8732	101.069	157.92	0.6	0.50	T/T	CC	CG	TC	CT
68	29	TRUE	TRUE	Cardiovascular												124.757	174.502			C/T	CT	GG	CC	CC
81	22	FALSE	FALSE	None												123.967	154.762		1.60	T/T	CC	CG	CC	CT
59		TRUE	TRUE	None	509.946		10.8273		1.927	53.978				14.1514		105.017	149.234	134		C/T	CC	CC	TC	CC
74	25	FALSE	TRUE	Cardiovascular												124.757	198.19	2.2		T/T	CC		TC	TT
67	31	TRUE	TRUE	Cardiovascular												108.965	153.972			T/T	CC	CG	CC	CC
60	29	TRUE	TRUE	None												142.918	150.024			T/T	CT	CG	TC	CC
66	41	FALSE	TRUE	Cardiovascular												118.44	144.497		0.50	T/T	CC	CG	TC	CT
68	25	FALSE	FALSE	None	519.896	0.3957939	12.1227	1.795731	3.54807	77.2799	39.2566	29.4725	31.2709	20.0194	42.5108	123.967	143.707	5.1	3.80	T/T	CC	CG	TT	CC
50	26	FALSE	TRUE	None	215.237		11.8463		3.453107	35.8729				15.1608		119.23	141.338			T/T	CC	CG	TC	CC
59	31	FALSE	TRUE	None												116.861	133.442			T/T	CC	CC	TC	CT
42	24	FALSE	TRUE	None												121.598	159.499	0.4	0.60	T/T		CC	TC	CC
63	28	FALSE	TRUE	None	253.258	0.6674004	17.681	1.753353	5.576035	67.1539	36.4676	15.0881	48.4443	18.1037	42.8029	102.648	175.291	1.3	1.60	T/T	CC	GG	TT	CT
51	24	FALSE	TRUE	None	954.041	0.6332703	17.6342	1.499928	3.443162	67.3658	34.4047	27.1643	38.4311	14.9792	51.1277	127.915	174.502	0.6	0.50	T/T	CC	CC	TC	CC
62	27	FALSE	TRUE	Cardiovascular	252.917		10.836		4.028494	61.4674				19.6483		108.175	165.026		4.10			CG		CC
74	25	TRUE	TRUE	inflammatory	567.77	0.3108559	10.7089	1.591164	3.24687	140.843	35.0683	14.345	50.5867	18.3185	45.1216	104.227	145.286	2.7	2.30	T/T	CT	CG	TT	CC
68	29	TRUE	TRUE	Diabetes	447.672	1.424477	31.3349	2.686256	10.75963	111.105	45.2376	12.7351	42.0273	24.5356	24.9793	131.074	138.18	1.3	1.00	T/T	CC	CG	TT	CC
52	28	FALSE	TRUE	None	251.997	0.3730698	8.22737	2.148445	4.08725	107.991	43.8105	16.8767	39.3129	18.0441	31.3465	111.334	107.386	0.5	0.50	T/T	CT	GG	CC	CC
54	26	FALSE	TRUE	None	245.987	1.491623	19.7252	1.538052	6.262001	52.6315	41.8017	15.6841	42.5142	17.5662	28.2826	123.178	155.551	1.7	2.00	T/T	CC	CG	TT	CT
63	25	FALSE	TRUE	Cardiovascular												101.858	145.286			T/T	CC	CC	TT	CC
62	25	TRUE	TRUE	inflammatory												161.078	227.405				CC	CC	TC	CT
53	23	FALSE	TRUE	None	257.106	1.060638	11.9518	1.72752	3.168756	45.987	40.5969	15.5505	43.8526	16.5918	36.6144	138.97	202.927	1.2	1.50	T/T	TT	CG	CC	CC
57	26	FALSE	TRUE	None												123.178	198.19			T/T	CC	CG	TC	CT
51	25	FALSE	TRUE	None												131.074	180.818		1.30	T/T	CC	CC	CC	CC
45	29	FALSE	FALSE	other												131.074	171.343	0.8		T/T			TT	CC
58	24	FALSE	TRUE	None												110.544	155.551			T/T	CT	CG	TC	CT
73	25	FALSE	TRUE	Cardiovascular												92.3832	149.234			T/T	CC	CC	TC	CT
78	27	TRUE	TRUE	Cardiovascular												87.6456	168.974	3.4		T/T	CC	GG	CC	CT

61	26	FALSE	TRUE	None												114.492	177.66			T/T	CC	CC	TC	CT
75	31	TRUE	TRUE	Cardiovascular	276.412	0.9618874	13.5235	1.791771	4.992732	77.2404	38.8017	14.588	46.6103	18.5881	46.4729	147.655	146.076	2.3	2.50	T/T	CC	GG	TT	CC
48	27	FALSE	TRUE	None	218.416		7.63555		3.397511	72.5129				11.116		120.019	127.915	2.6		T/T	CC	CC	TT	CT
72	27	FALSE	TRUE	Cardiovascular	521.598	0.6430817	11.5531	1.960712	4.252124	47.3729	47.1508	13.761	39.0883	22.16	38.9052	135.022	123.178	1.6	1.60	T/T	CC	GG	TC	CC
72	29	FALSE	TRUE	Cardiovascular												112.123		3.1		T/T	CC	CG	TT	CC
46	29	FALSE	TRUE	None												147.655	123.178	0.9	1.40					CT
37	33	FALSE	TRUE	None												116.861	112.123		0.50	T/T	CT	CC	TC	CC
49	36	TRUE	TRUE	None												123.967	116.071		1.60	C/T	CT	GG	CC	CC
30	28	FALSE	FALSE	None	1006.74		23.5017		8.288718	40.66				13.5221		82.908	138.97			T/T	CC	CG	TC	CC
65	28	FALSE	TRUE	None	448.266	0.5283127	14.4594	1.854195	66.88755	66.6933	36.3183	17.5917	46.09	15.543	43.0237	119.23	127.915	4.6	6.90	T/T	CC		TT	CC
48	22	FALSE	FALSE	None												150.814	168.185	0.9	1.00	T/T	CC	CC	TT	CT
66	24	TRUE	TRUE	None												142.918	140.549	1.9	2.20	T/T	CC	CG	TC	CT
29	25	TRUE	TRUE	None												122.388		1.5		T/T	CT	CG	CC	CT
54	26	FALSE	TRUE	None												123.178	146.866	1.1	1.00	T/T	CC	CG	CC	CC
47	29	TRUE	TRUE	None												123.178		0.5		T/T	CT	CC	TT	CC
72	29	FALSE	TRUE	Cardiovascular												222.667		1.6		T/T	TT	CG	TC	CC
49	27	TRUE	TRUE	None												181.608	176.87	0.3	0.30	T/T	CC	CG	TC	CT
47	19	FALSE	TRUE	None												155.551	201.348	1.2	1.80	T/T	CC	CG	TC	TT
34	29	TRUE	TRUE	None												131.074	161.868	0.9	1.00	T/T	CT	CC	TT	CC
60	24	TRUE	TRUE	None												137.39	149.234	3.4	3.90	T/T	CT	CG	TC	CC
62	25	TRUE	FALSE	Cardiovascular												131.074	127.126	3.2	2.70	T/T	CC	CG	TC	TT
67	32	FALSE	TRUE	Cardiovascular												304.786		2.2		T/T	CT	CG	TC	CC
56	30	FALSE	TRUE	None												155.551	148.445	1.9	1.60	T/T	CC	CG	TT	CC
69	29	FALSE	TRUE	Cardiovascular												106.596	160.289	0.7	0.70	T/T	CT	CG	TT	CC
76	30	FALSE	TRUE	Urology	453.662	1.336559	20.7542	1.812645	41.18567	45.6111	33.97	19.978	46.052	16.5183	41.0409	127.915	180.029	4	4.20	T/T	CC	CC	TC	CC
54	33	TRUE	TRUE	Cardiovascular												105.806	162.658			T/T	CT	CG	TT	CT
68	31	FALSE	FALSE	None												123.967	177.66	3.8	3.60	C/T	CC	GG	CC	CC
77	30	FALSE	TRUE	other	365.548	1.217846	15.047	1.471645	5.52115	50.3233	37.2145	10.4959	52.2897	15.4001	51.8371	141.338	165.026	6.8	5.10		CT	CC	TT	CT
77	28	TRUE	FALSE	None												105.806	147.655	2	2.00	T/T	CT	GG	TC	CT
71	34	FALSE	TRUE	Urology	171.862	1.242275	10.2117	1.173393	3.92083	32.1986	37.1446	10.7597	52.0957	19.0561	41.6884	122.388	162.658	1.9	3.30	T/T	CC	CC	TC	CC
54	27	FALSE	TRUE	inflammatory	251.664	0.4638138	10.2199	1.737995	4.89065	46.2018	42.4895	17.9041	39.6064	17.0956	46.8719	149.234	167.395	0.6	0.40	T/T	CC		CC	CT
69	33	FALSE	TRUE	None	182.524	0.6238632	12.0582	1.112942	3.953263	42.9072	39.1813	23.0809	37.7379	14.9802	35.8823	153.182	131.863	3.8	3.70	C/T	CC	CC	TC	CT
45	28	FALSE	TRUE	None	307.349	0.937851	11.7872	1.832672	3.387524	61.762	39.8428	13.1276	47.0295	14.2462	44.1683	127.126	150.024	0.6	0.60	T/T	CC	CC	TT	CC
59	26	FALSE	TRUE	None												147.655	172.133	1.7	1.70	T/T	CT	CG	TC	CT
60	29	FALSE	TRUE	Cardiovascular	166.013	0.590332	9.28207	0.967781	1.581464	38.6442	37.7587	9.09319	53.1481	13.2827	31.671	154.762	149.234	1	1.80	T/T	CC	CC	CC	CT
70	31	TRUE	TRUE	Cardiovascular	149.001	1.044029	10.4667	1.170303	6.405822	40.2017	40.4335	18.1328	41.4338	18.2369	49.5648	132.653	138.97	2	2.10		CT	CG	TT	CC
76	37	TRUE	FALSE	Cardiovascular												139.759		3.9		T/T	CT	CC	CC	CC
63	28	FALSE	TRUE	Depression Anixiety												156.341	146.866	0.6	0.70	T/T	CT	CC	TC	CC
52	24	FALSE	TRUE	None	390.301	0.9521637	14.1961	1.926338	3.967505	62.8269	39.8278	13.0113	47.1609	11.1606	41.7102	97.1208	146.866	0.6	0.70	T/T	CT	CG	TC	CC
59	27	TRUE	TRUE	Depression Anixiety												135.811	163.447		1.00	T/T	CC	CG	TT	CC
44	29	FALSE	TRUE	None	205.986	0.9210434	8.9998	0.828098	2.915546	72.2794	41.7862	20.2721	37.9416	28.2412	41.2256	117.65	139.759	0.3	0.30	T/T	CT	CC	TT	CC
46	23	FALSE	TRUE	other	216.168	1.170387	12.5329	1.616707	4.664037	67.9466	42.081	15.3755	42.5436	13.8778	42.3809	142.128	207.665	0.6	0.70	T/T	CT	CC	TC	CC
61	26	FALSE	TRUE	Cardiovascular	240.703	1.169815	9.82373	1.141376	19.07937	39.0224	37.0933	16.7188	46.1879	13.1791	45.3478	129.494	157.13	0.7	1.10	T/T	TT	CG	TC	CC
47	30	TRUE	TRUE	None												154.762	128.705	1.1	0.90	T/T	CC	CG	CC	CC
56	27	FALSE	TRUE	other												142.128	173.712	1.7	2.90		CT	CC	TT	CC
66	21	TRUE	TRUE	Cardiovascular	293.873	0.9424515	14.1331	1.575211	4.884973	32.297	49.0112	16.3579	34.6309	17.3008	49.6001	120.019	153.972	1.5	2.40	T/T	CC	GG	TC	CC
43	28	FALSE	TRUE	None	223.555	0.9878998	14.6375	1.215294	7.168181	70.0666	33.8077	7.39118	58.8012	19.3051	42.7207	148.445	146.076	0.4	0.70	T/T	CC	CC	TC	CC
57	33	FALSE	TRUE	Cardiovascular												127.126		15.7		T/T	CC	CG	CC	CT
59	28	TRUE	TRUE	None	588.303	0.6839561	12.4275	1.53096	3.999352	88.3813	39.5333	19.1313	41.3354	14.7335	41.6743	101.858	148.445	0.6	1.40	T/T	CT	CG	TC	CT
70	25	FALSE	TRUE	Cardiovascular												131.863	147.655	2.5	3.40	T/T	CC	CG	TC	CT
51	28	FALSE	TRUE	None												112.913	146.076	0.5	0.80	T/T	CT	CG	TC	CC
47	31	FALSE	TRUE	None	549.054	0.5935898	27.1867	1.244846	29.84706	55.3574	39.0527	20.3329	40.6144	18.3192	48.038	135.811	156.341	0.5	1.00		CC	CG	CC	CC
58	30	TRUE	TRUE	None	343.415	1.049274	15.2613	1.57029	10.37264	62.8229	38.8441	18.2677	42.8882	25.868	27.6857	124.757	142.918	0.4	0.50	C/T	CC	CC	CC	CT
27	23	FALSE	TRUE	None	359.623	0.5733337	13.196	1.810692	3.942687	48.4652	40.0656	19.0815	40.8529	15.0199	49.1509	123.178	172.133	0.9	1.30	T/T	CC	GG	CC	
33	30	FALSE	TRUE	None												123.178	136.601	0.3	0.40	T/T	CT	CG	TT	CT
80	28	TRUE	FALSE	Urology												172.922	168.185	2.5	3.30	C/T	CC	GG	TT	CT
38	25	FALSE	TRUE	None	462.278	1.310707	21.1443	2.133858	6.093896	73.0901	64.8953	4.56247	30.5422	10.468	27.1672	138.97	166.606	0.6	0.50	C/T	CC	CG	TT	CT
39	28	FALSE	TRUE	Cardiovascular												149.234		0.6		T/T	TT	GG	TC	CC
45	28	FALSE	TRUE	None	194.396	0.4035301	9.59035	0.645184	2.070306	126.851	38.6694	16.4796	44.851	13.8611	41.0661	151.603	171.343	0.8	0.80	T/T	CC	CG	TC	CT
40	22	TRUE	TRUE	None	417.667	1.022835	16.1628	2.008869	5.833	57.0451	41.664	13.6153	44.7207	20.4012	32.5679	146.866	183.977	1.7	1.60		CC	CG	TT	CC
68	29	TRUE	TRUE	Urology												157.92	181.608	3.3	4.40	T/T	CT	CG	TC	CC
59	27	FALSE	TRUE	None												128.705	141.338	0.4	0.60	C/T	CC	CC	TT	CC
47	29	TRUE	TRUE	None												147.655	123.967	0.6	0.70	T/T	CT	CC	TT	CC
57	24	FALSE	TRUE	None	263.154	0.7400131	11.0122	1.176525	8.738845	47.6921	31.4839	28.102	40.4141	14.178	48.4656	138.18	156.341	0.6	0.60	C/T	CT	CC	TC	CT
34	26	FALSE	TRUE	None	455.06	0.9463997	25.7017	2.5788	6.35593	63.8508	41.2411	10.5653	48.1936	18.7885	39.5081	126.336	140.549	1.5	1.40	T/T	CC	CC	TT	CC
66	34	TRUE	TRUE	Cardiovascular	216.958	0.6721039	23.316	0.370663	3.863506	30.028	39.4645	13.9878	46.5477	17.2873	39.5335	97.9104	179.239	3.7	4.90	T/T	CC	CG	TC	CC
65	27	FALSE	TRUE	other	619.224	0.7155075	24.9134	2.030788	36.2296	127.653	41.0144	14.4332	44.5524	16.3396	36.4428	127.126	168.185	1.8	1.50	T/T	CT	CC	TT	CT
68	27	TRUE	TRUE	None	164.762	0.7824364	8.74741	1.517025	3.528651	96.1905	35.8603	13.5016	50.6381	12.5537	48.4312	127.915	142.918	3.4	3.70	T/T	CT	CG	TT	CC
50	25	FALSE	TRUE	None												142.918	168.974	0.8	1.30	T/T	CT	CG	TT	CC
36	26	FALSE	TRUE	None	396.293		18.8189		3.153554	218.978				15.5728		137.39		0.4		C/T	CC	GG	TC	CT
70	29	FALSE	TRUE	None	331.065	0.6805763	14.4262	2.564041	7.313337	87.6144	32.3297	14.3779	53.2924	17.1694	38.6505	128.705	114.492	1.3	1.80	T/T	CT	GG	CC	CT
49	29	FALSE	TRUE	None	436.09	0.4366837	8.95932	0.675453	52.17785	37.4373	36.5978	20.4486	42.9536	15.1878	44.919	117.65	127.915	1.9	2.00	T/T	CC	CC	CC	CT
48	26	FALSE	FALSE	Depression Anixi	600.463	0.8824272	19.2302	2.00354	80.97929	49.7721	38.2668	15.6185	46.1147	16.1292	48.1918	145.286	131.863	0.6	1.00	T/T	CT	GG	TC	CC
42	24	TRUE	TRUE	None	239.537	0.8286171	11.7186	4.302315	3.393859	55.2208	34.4719	21.0462	44.4819	12.0179	52.9873	126.336	132.653	1.2	0.60	T/T	CC	CG	CC	CT
45	30	FALSE	TRUE	inflammatory	375.935	1.018711	17.1803	2.989552	4.710251	158.711	41.6399	23.4178	34.9423	23.5825	40.3221	119.23	115.282	0.3	0.30	T/T	CT	GG	TT	CT
45	27	TRUE	TRUE	None	338.803	0.8857193	11.472	6.597713	6.960601	74.2661	44.4537	18.0187	37.5276	12.2479	33.192	142.128	157.92	0.7	0.50		CT	CC	CC	CC
38	23	TRUE	TRUE	None	322.621	0.8058739	10.9647	1.116951	3.759257	52.2632	46.9996	16.1412	36.8592	13.1646	40.2487	116.861	118.44	0.4	0.40	T/T	CT	CC	TC	CC
42	27	FALSE	TRUE	None	148.84	0.8808861	11.2583	0.852215	3.868558	134.173	37.7135	23.9028	38.3837	23.2743	39.224	127.126	154.762	0.7	0.90	C/T	CC	CC	TC	CC
62	21	FALSE	TRUE	None												112.913		1.4		T/T	CT	CG	TC	CT
71	32	FALSE	TRUE	Cardiovascular	250.864	0.3030167	9.11707	0.984104	2.525462	83.5916	40.3418	17.8246	41.8336	10.5402	28.4043	127.126	122.388	3.3	3.50	T/T	CT	CC	TT	CC
47	28	FALSE	TRUE	None	283.621	0.9183159	28.6369	1.307892	3.217366	35.6852	38.3286	11.8855	49.7859	14.119	30.17	107.386	146.866	0.7	0.60	T/T	CT	CG	TT	CT
52	24	FALSE	TRUE	None												141.338	165.816	0.6	0.30	C/T	CC	CG	TC	CT
62	23	FALSE	TRUE	None												108.175	120.809	0.8	1.00	T/T	TT	CG	TT	CT
37	29	FALSE	TRUE	inflammatory												105.806		1.3			CC	CG	TC	CC
79	38	FALSE	TRUE	Cardiovascular	161.652	0.474762	9.36514	1.201073	7.031877	77.1986	39.4176	15.1009	45.4815	13.7225	40.3019	108.965	131.863	1.1	1.10	T/T	CT	CG	TC	CC
35	26	FALSE	TRUE	None												102.648	142.128	1.2	1.40	T/T	CC	CC	TT	CC
35	29	FALSE	TRUE	None												114.492	176.87	1.6	1.80	T/T	CC	CC	TT	CT
75	35	FALSE	FALSE	Urology	678.872		10.3847		3.159621	30.0777				14.1042		89.2248	150.024	5.3	5.70		CT		CC	CC
46	29	FALSE	TRUE	None	744.615	0.7860031	28.556	3.242687	59.8266	71.5207	46.077	18.0565	35.8665	11.9132	30.5387	151.603	178.45	0.6	0.60	T/T	CC	CG	TC	CC
29	29	FALSE	TRUE	None	315.979	0.7887268	19.7626	2.779762	7.49402	71.5361	36.1332	15.8126	48.0542	20.1736	41.5035	103.438	143.707	0.8	1.00	T/T	CC	CG	TC	CC
53	32	FALSE	TRUE	Cardiovascular	954.112	1.304302	18.9619	1.91861	6.059649	44.4307	40.7737	18.0907	41.1356	17.6979	39.3401	105.017	113.702	0.3	0.40	T/T	CC	CG	TC	CC
73	24	FALSE	FALSE	Urology	144.912		10.1016		5.053934	34.0334				15.7295		134.232	173.712	2.5	2.60		CC		CC	CT
57	34	TRUE	TRUE	None	409.406	0.6680832	11.0183	0.975052	4.159821	47.9796	44.4016	10.7472	44.8512	15.376	37.3145	120.019	146.076	2.3	2.80	T/T	CT	CG	CC	CT
73	29	FALSE	TRUE	Cardiovascular	330.992	1.375732	11.0741	1.649586	5.445708	71.7951	41.3529	22.3808	36.2663	14.2008	32.7107	106.596	114.492	2.8	3.80		CT	CG	TT	CC
57	26	FALSE	TRUE	None	209.134	0.702301	11.6704	1.281834	4.576287	80.719	37.7637	11.9033	50.333	14.3784	41.0437	88.4352	148.445	1.1	1.40	T/T	CC	CC	CC	CC
63	30	FALSE	TRUE	Cardiovascular	209.121	0.3822441	9.81907	0.843079	2.289376	65.1848	37.4412	14.2955	48.2633	15.2539	46.5618	123.967	134.232	16.2	17.40	T/T	CT	CG	TC	CC
53	32	FALSE	TRUE	Cardiovascular												130.284	114.492	0.5	1.00	C/T	CT	CG	TC	CC
78	22	TRUE	TRUE	Cardiovascular												116.071	115.282	4.5	4.20		CC		CC	CT
34	31	FALSE	TRUE	None												114.492	86.856	0.3	0.50		CC	CC	CC	CT
58	24	TRUE	FALSE	None	414.508	0.1213493	19.8811	0.22551	25.50332	64.537	31.7055	22.1949	46.0996	12.0227	52.5549	128.705	160.289	1	0.50	T/T	CC	CC	TC	CT
62	25	TRUE	TRUE	None	307.558	0.9840431	10.3685	1.894951	5.479907	60.5907	35.6672	20.6306	43.7023	15.8779	37.6868	127.915	129.494	1.8	2.10	T/T	CC	CC	CC	CC
56	26	TRUE	TRUE	Depression Anixiety												110.544		1.1		T/T	CC	CC	CC	CT
35	22	TRUE	TRUE	None												86.0664	129.494	1.8	1.90		CT	CG	TC	CT
48	26	FALSE	TRUE	None												116.861	146.866		3.70	T/T	CC	CC	TT	CC
58	31	TRUE	TRUE	Depression Anixiety												117.65	123.967		3.00	T/T	CT	CC	TT	CC
70	24	FALSE	FALSE	other	203.193	0.6703224	8.88823	1.840141	4.193832	74.2207	36.951	16.238	46.8111	12.8122	43.0942	116.861	129.494	0.9	2.60	T/T	CC	CG	TC	CC