

Supplementary Table 3. Magnitude of differential gene expression following calcitriol stimulation. The number of genes called is shown according to delta, the normalised magnitude of differential gene expression (see SAM method).

Delta	Number of genes called	False discovery rate
0.1	5878	0.5712
0.2	811	0.3786
0.3	329	0.2515
0.4	178	0.1566
0.5	109	0.1043
0.6	86	0.0673
0.7	60	0.0432
0.8	42	0.0277
0.9	37	0.0196
1	28	0.0133
1.1	21	0.0091
1.2	20	0.0067
1.3	17	0.0048
1.4	15	0.0022
1.5	15	0.0022
1.6	12	0.0019
1.7	10	0.0009
1.8	8	0.0002
1.9	8	0.0002
2	7	0

Supplementary Table 4. GO analysis of significantly differentially expressed genes after calcitriol stimulation.

GO term	Pathway	Fold enrichment	<i>P</i>
GO:0002378	immunoglobulin biosynthetic process	81.11	0.000151
GO:0006991	response to sterol depletion	81.11	0.000151
GO:0016126	sterol biosynthetic process	27.04	0.000147
GO:0042098	T cell proliferation	21.63	2.74x10 ⁻⁵
GO:0051607	defense response to virus	19.08	4.69x10 ⁻⁵
GO:0044419	interspecies interaction between organisms	4.81	3.24x10 ⁻⁶
GO:0006954	inflammatory response	4.09	3.98x10 ⁻⁵
GO:0006955	immune response	3.96	3.85x10 ⁻⁸

Supplementary Table 5. Traits, marker SNPs and intervals analysed for VDR binding.

Trait	Chr	Start	End	SNPs
Adiposity related	chr1	845668	1145668	rs3934834
Adiposity related	chr1	72387703	72735027	rs2568958,rs2815752
Adiposity related	chr1	96566581	96959670	rs1973993,rs10783050
Adiposity related	chr1	176030141	176330141	rs10913469
Adiposity related	chr1	217560846	217860846	rs2605100
Adiposity related	chr1	233516751	233816751	rs6429082
Adiposity related	chr10	16189956	16489956	rs10508503
Adiposity related	chr10	37872102	38172102	rs7474896
Adiposity related	chr10	71852445	72303015	rs10999409,rs1816002
Adiposity related	chr10	76328765	76628765	rs7919006
Adiposity related	chr11	7514856	7814856	rs7932813
Adiposity related	chr11	8290664	8590664	rs10769908
Adiposity related	chr11	16196169	16510086	rs297325,rs4756846
Adiposity related	chr11	26411906	26711906	rs12295638
Adiposity related	chr11	27389704	27786491	rs7481311,rs925946,rs925946,rs6265,rs6265
Adiposity related	chr11	47469624	47769624	rs10838738
Adiposity related	chr11	80513195	80813195	rs1458095
Adiposity related	chr12	32121767	32421767	rs10844154
Adiposity related	chr12	48383734	48683734	rs7138803
Adiposity related	chr13	23252954	23552954	rs2765086
Adiposity related	chr13	26806403	27106403	rs7336332
Adiposity related	chr13	64868784	65168784	rs1333026
Adiposity related	chr14	78864914	79164914	rs10146997
Adiposity related	chr15	79989254	80289254	rs12324805
Adiposity related	chr16	28640741	28940741	rs7498665
Adiposity related	chr16	52177177	52537965	rs6499640,rs1421085,rs1558902,rs1121980,rs8050136,rs9939609,rs9941349,rs9930506
Adiposity related	chr16	78090251	78390251	rs1424233
Adiposity related	chr17	61414187	61714187	rs7209395
Adiposity related	chr18	19244429	19544429	rs1805081
Adiposity related	chr18	21361183	21661183	rs1840440
Adiposity related	chr18	55852076	56185729	rs17782313,rs489693,rs12970134
Adiposity related	chr19	1961528	2261528	rs3803915
Adiposity related	chr19	38851371	39163976	rs29941,rs11084753
Adiposity related	chr19	56315613	56615613	rs1878047
Adiposity related	chr2	474904	784952	rs6548238,rs7561317
Adiposity related	chr2	54860133	55160133	rs6726292
Adiposity related	chr2	206394856	206694856	rs7603514
Adiposity related	chr2	222359942	222659942	rs824931
Adiposity related	chr20	6419684	6719684	rs2145270
Adiposity related	chr20	15133753	15433753	rs6110577
Adiposity related	chr3	16233492	16533492	rs12635698
Adiposity related	chr3	25385234	25685234	rs1435703
Adiposity related	chr3	70396019	70696019	rs1024889
Adiposity related	chr3	118640256	118940256	rs1875517
Adiposity related	chr3	187166983	187466983	rs7647305,rs7647305
Adiposity related	chr3	187863177	188206398	rs266717,rs1648707,rs17366568,rs6773957
Adiposity related	chr3	189753590	190053590	rs1152846
Adiposity related	chr4	44727283	45027283	rs10938397
Adiposity related	chr4	118162584	118462584	rs10433903

Adiposity related	chr4	180751646	181051646	rs2383393
Adiposity related	chr5	21664910	21964910	rs4701252
Adiposity related	chr5	53186418	53486418	rs4311394
Adiposity related	chr5	122563026	122863026	rs2115172
Adiposity related	chr5	127577273	127877273	rs374748
Adiposity related	chr5	172717503	173017503	rs7722022
Adiposity related	chr5	179953424	180253424	rs12517906
Adiposity related	chr6	31530934	31830934	rs2844479
Adiposity related	chr6	33582710	34020219	rs999943,rs2274459
Adiposity related	chr6	50761008	51061008	rs987237
Adiposity related	chr6	51117953	51417953	rs1555967
Adiposity related	chr7	130954064	131254204	rs1106683,rs1106684
Adiposity related	chr8	75307529	75607529	rs4471028
Adiposity related	chr8	110034851	110334851	rs7832552
Adiposity related	chr9	15826715	16126715	rs1927702
Adiposity related	chr9	34981704	35281704	rs10972341
Aging	chr1	233637520	233937520	rs291353
Aging	chr11	90373986	90673986	rs1528753
Aging	chr12	29855149	30155149	rs1463605
Aging	chr12	118324028	118624028	rs7137869
Aging	chr15	84020433	84320433	rs7176093
Aging	chr2	81372318	81754634	rs10496265,rs10496262
Aging	chr2	141287611	141587611	rs12474609
Aging	chr2	154628812	154928812	rs958672
Aging	chr3	157435427	157735427	rs3772255
Aging	chr7	82025794	82325794	rs2371208
AIDS and HIV infection	chr1	57428137	57728137	rs10159302
AIDS and HIV infection	chr1	107229354	107529354	rs4118325
AIDS and HIV infection	chr1	144825557	145125557	rs12122100
AIDS and HIV infection	chr1	163525718	163825718	rs10800098
AIDS and HIV infection	chr1	232901610	233201610	rs2069084
AIDS and HIV infection	chr10	50081512	50381512	rs4838508
AIDS and HIV infection	chr10	129877094	130177094	rs11818629
AIDS and HIV infection	chr11	87811371	88111371	rs16914280
AIDS and HIV infection	chr11	90076547	90376547	rs12274302
AIDS and HIV infection	chr12	24135638	24435638	rs1522232
AIDS and HIV infection	chr13	34925818	35225818	rs1777672
AIDS and HIV infection	chr14	57274800	57574800	rs8013190
AIDS and HIV infection	chr16	9940587	10240587	rs1463132
AIDS and HIV infection	chr16	73289320	73589320	rs16948255
AIDS and HIV	chr18	52984551	53284551	rs1120787

infection				
AIDS and HIV				
infection	chr2	5902390	6202390	rs1405262
AIDS and HIV				
infection	chr2	56066880	56366880	rs6751715
AIDS and HIV				
infection	chr2	105114171	105414171	rs1020064
AIDS and HIV				
infection	chr2	146938493	147238493	rs10928302
AIDS and HIV				
infection	chr2	192892147	193192147	rs1385351
AIDS and HIV				
infection	chr2	234016859	234316859	rs13394720
AIDS and HIV				
infection	chr21	35305531	35605531	rs2834812
AIDS and HIV				
infection	chr3	31270583	31570583	rs17027625
AIDS and HIV				
infection	chr4	161576346	161876346	rs17291045
AIDS and HIV				
infection	chr5	124621165	124921165	rs2637496
AIDS and HIV				
infection	chr5	149236925	149536925	rs2304069
AIDS and HIV				
infection	chr6	29928567	30377868	rs7758512,rs259919,rs8321,rs9468692
AIDS and HIV				
infection	chr6	30806231	31351565	rs7756521,rs3815087
AIDS and HIV				
infection	chr6	31760519	32284785	rs9368699,rs12198173
AIDS and HIV				
infection	chr6	32334448	32634448	rs3763313
AIDS and HIV				
infection	chr6	55106061	55406061	rs9367630
AIDS and HIV				
infection	chr6	148439494	148739494	rs9497975
AIDS and HIV				
infection	chr6	169550906	169850906	rs3734905
AIDS and HIV				
infection	chr7	19864099	20164099	rs38152
AIDS and HIV				
infection	chr8	70737307	71037307	rs16936455
AIDS and HIV				
infection	chr8	101760721	102060721	rs3108919
AIDS and HIV				
infection	chr9	12847128	13147128	rs1360517
AIDS and HIV				
infection	chr9	14286000	14586000	rs1556032
AIDS and HIV				
infection	chr9	75198501	75498501	rs11143609
AIDS and HIV				
infection	chrX	86927004	87227004	rs12012519
AIDS and HIV				
infection	chrX	131814821	132114821	rs17324272
Alcohol				
dependence	chr14	70272400	70572400	rs36563
Alcohol	chr2	216456902	216756902	rs7590720

dependence				
Alcohol				
dependence	chr5	95987126	96287126	rs13160562
Alcohol				
dependence	chr5	146151015	146451015	rs1864982
Alcohol				
dependence	chr6	152049573	152349573	rs6902771
Alcohol				
dependence	chrX	10041690	10341690	rs12388359
Alzheimer's				
disease	chr1	83877322	84177322	rs7539409
Alzheimer's				
disease	chr1	205608671	205908671	rs6656401
Alzheimer's				
disease	chr1	229760969	230060969	rs12044355
Alzheimer's				
disease	chr10	102341560	102641560	rs4509693
Alzheimer's				
disease	chr11	77618797	77918797	rs2373115
Alzheimer's				
disease	chr11	85396287	85696287	rs3851179
Alzheimer's				
disease	chr12	45775792	46075792	rs11610206
Alzheimer's				
disease	chr13	33402917	33702917	rs690705
Alzheimer's				
disease	chr14	83694961	83994961	rs11159647
Alzheimer's				
disease	chr19	49156047	49456047	rs2061333
Alzheimer's				
disease	chr19	49937458	50237458	rs2075650
Alzheimer's				
disease	chr19	56268424	56568424	rs3826656
Alzheimer's				
disease	chr4	155723870	156023870	rs727153
Alzheimer's				
disease	chr6	148315063	148615063	rs9390537
Alzheimer's				
disease	chr8	27362169	27670435	rs2279590,rs11136000
Alzheimer's				
disease	chr8	27370435	27670435	rs11136000
Alzheimer's				
disease	chrX	91138875	91438875	rs2573905
Amyotrophic				
lateral sclerosis	chr1	39755381	40055381	rs873917
Amyotrophic				
lateral sclerosis	chr1	76394915	76694915	rs10873876
Amyotrophic				
lateral sclerosis	chr1	168112425	168412425	rs1541160
Amyotrophic				
lateral sclerosis	chr1	194961215	195261215	rs6428370
Amyotrophic				
lateral sclerosis	chr1	230071773	230371773	rs16856202
Amyotrophic				
lateral sclerosis	chr1	235183225	235483225	rs7554607
Amyotrophic	chr1	245606154	245906154	rs1881797

lateral sclerosis				
Amyotrophic				
lateral sclerosis	chr10	34707993	35007993	rs563507
Amyotrophic				
lateral sclerosis	chr10	63243582	63572164	rs10821936,rs7089424
Amyotrophic				
lateral sclerosis	chr10	129014492	129314492	rs4363506
Amyotrophic				
lateral sclerosis	chr11	97037773	97337773	rs2405657
Amyotrophic				
lateral sclerosis	chr12	4145382	4445382	rs10849033
Amyotrophic				
lateral sclerosis	chr12	17115005	17415005	rs9971637
Amyotrophic				
lateral sclerosis	chr12	26377652	26677652	rs2306677
Amyotrophic				
lateral sclerosis	chr12	115337040	115637040	rs2089222
Amyotrophic				
lateral sclerosis	chr14	22508896	22808896	rs2239633
Amyotrophic				
lateral sclerosis	chr15	56384121	56684121	rs3825776
Amyotrophic				
lateral sclerosis	chr17	68057697	68357697	rs8066857
Amyotrophic				
lateral sclerosis	chr18	2338053	2638053	rs1879352
Amyotrophic				
lateral sclerosis	chr18	27377126	27677126	rs10438933
Amyotrophic				
lateral sclerosis	chr19	17463688	17763688	rs12608932
Amyotrophic				
lateral sclerosis	chr19	49053228	49353228	rs2191566
Amyotrophic				
lateral sclerosis	chr2	17947926	18247926	rs16984239
Amyotrophic				
lateral sclerosis	chr2	18254124	18554124	rs7580332
Amyotrophic				
lateral sclerosis	chr2	38813061	39113061	rs3099950
Amyotrophic				
lateral sclerosis	chr2	55712407	56012407	rs7577894
Amyotrophic				
lateral sclerosis	chr2	160939133	161239133	rs10192369
Amyotrophic				
lateral sclerosis	chr2	166936223	167236223	rs13015447
Amyotrophic				
lateral sclerosis	chr2	223476226	223776226	rs12621643
Amyotrophic				
lateral sclerosis	chr20	49986039	50286039	rs6013382
Amyotrophic				
lateral sclerosis	chr21	16818102	17118102	rs2823962
Amyotrophic				
lateral sclerosis	chr3	2449937	2749937	rs2619566
Amyotrophic				
lateral sclerosis	chr3	179762632	180062632	rs9290663
Amyotrophic				
lateral sclerosis	chr4	153962803	154262803	rs11099864
Amyotrophic	chr5	115605736	115905736	rs7702057

lateral sclerosis				
Amyotrophic lateral sclerosis	chr5	122997463	123297463	rs11241713
Amyotrophic lateral sclerosis	chr6	16700011	17000011	rs697739
Amyotrophic lateral sclerosis	chr6	141061517	141361517	rs11155133
Amyotrophic lateral sclerosis	chr7	50283797	50588097	rs11978267,rs4132601
Amyotrophic lateral sclerosis	chr7	148684594	148984594	rs855913
Amyotrophic lateral sclerosis	chr7	153691730	153991730	rs10260404
Amyotrophic lateral sclerosis	chr8	136790920	137090920	rs12680546
Amyotrophic lateral sclerosis	chr9	27376396	27701048	rs2814707,rs3849942,rs774359
Amyotrophic lateral sclerosis	chr9	113740010	114040010	rs2782931
Amyotrophic lateral sclerosis	chrX	4456137	4756137	rs5916687
Amyotrophic lateral sclerosis	chrX	75113825	75413825	rs5937496
Ankylosing spondylitis	chr10	19819518	20119518	rs1326986
Ankylosing spondylitis	chr2	62254975	62554975	rs10865331
Ankylosing spondylitis	chr2	101880059	102180059	rs2310173
Ankylosing spondylitis	chr2	181566044	181866044	rs1018326
Ankylosing spondylitis	chr21	39237047	39537047	rs2242944
Ankylosing spondylitis	chr4	81018852	81318852	rs4333130
Ankylosing spondylitis	chr5	96005267	96305267	rs27434
Ankylosing spondylitis	chr6	31294078	31594078	rs7743761
Asthma	chr1	195442530	195742530	rs2786098
Asthma	chr10	67608513	67908513	rs10762058
Asthma	chr13	26163672	26463672	rs9319321
Asthma	chr17	35173474	35473474	rs7216389
Asthma	chr5	59255550	59555550	rs1588265
Asthma	chr9	19938710	20238710	rs16937883
Asthma	chr9	81079181	81379181	rs2378383
Atrial fibrillation	chr1	11625102	11925102	rs17375901
Atrial fibrillation	chr11	98848382	99148382	rs10501920
Atrial fibrillation	chr13	45581717	45881717	rs958546
Atrial fibrillation	chr15	67643926	67943926	rs4776472
Atrial fibrillation	chr16	71436660	71759120	rs7193343,rs2106261
Atrial fibrillation	chr4	111777735	112090209	rs17042171,rs2200733,rs10033464
Attention deficit hyperactivity disorder	chr1	30250298	30550298	rs2180233

Attention deficit hyperactivity disorder	chr1	33982444	34282444	rs2281597
Attention deficit hyperactivity disorder	chr1	69201839	69501839	rs4147141
Attention deficit hyperactivity disorder	chr1	155247189	155547189	rs6427356
Attention deficit hyperactivity disorder	chr1	181969536	182269536	rs10797919
Attention deficit hyperactivity disorder	chr1	216622436	216922436	rs1018040
Attention deficit hyperactivity disorder	chr1	228591448	228891448	rs701157
Attention deficit hyperactivity disorder	chr10	3124006	3424006	rs2764980
Attention deficit hyperactivity disorder	chr10	72502990	72802990	rs16928529
Attention deficit hyperactivity disorder	chr10	97975494	98275494	rs10786284
Attention deficit hyperactivity disorder	chr10	105806393	106106393	rs515910
Attention deficit hyperactivity disorder	chr11	19376138	19676138	rs874426
Attention deficit hyperactivity disorder	chr11	32328582	32628582	rs10767942
Attention deficit hyperactivity disorder	chr11	93801970	94101970	rs2212361
Attention deficit hyperactivity disorder	chr11	94157611	94457611	rs10831284
Attention deficit hyperactivity disorder	chr11	125974399	126274399	rs1557488
Attention deficit hyperactivity disorder	chr12	27969833	28269833	rs522958
Attention deficit hyperactivity disorder	chr12	68468093	68768093	rs789560
Attention deficit hyperactivity disorder	chr12	78436360	78736360	rs7297018
Attention deficit hyperactivity	chr12	102566953	102866953	rs4964805

disorder				
Attention deficit				
hyperactivity				
disorder	chr13	27177737	27477737	rs9512900
Attention deficit				
hyperactivity				
disorder	chr13	28179337	28479337	rs1161463
Attention deficit				
hyperactivity				
disorder	chr13	93056506	93356506	rs7995215
Attention deficit				
hyperactivity				
disorder	chr13	99203038	99503038	rs7992643
Attention deficit				
hyperactivity				
disorder	chr13	107464225	107764225	rs10492664
Attention deficit				
hyperactivity				
disorder	chr14	26179882	26479882	rs1951082
Attention deficit				
hyperactivity				
disorder	chr14	57305117	57605117	rs1335515
Attention deficit				
hyperactivity				
disorder	chr14	61598055	61898055	rs1514928
Attention deficit				
hyperactivity				
disorder	chr14	75732243	76032243	rs2360997
Attention deficit				
hyperactivity				
disorder	chr15	66352085	66652085	rs7164335
Attention deficit				
hyperactivity				
disorder	chr15	89101444	89401444	rs2677744
Attention deficit				
hyperactivity				
disorder	chr15	91687691	91987691	rs7175404
Attention deficit				
hyperactivity				
disorder	chr15	94913430	95213430	rs4533251
Attention deficit				
hyperactivity				
disorder	chr16	6700385	7000385	rs12921846
Attention deficit				
hyperactivity				
disorder	chr16	62362947	62662947	rs1381102
Attention deficit				
hyperactivity				
disorder	chr16	67542549	67842549	rs8047014
Attention deficit				
hyperactivity				
disorder	chr16	70372696	70672696	rs16973500
Attention deficit				
hyperactivity				
disorder	chr16	79564022	79864022	rs4889240
Attention deficit	chr16	81154437	81454437	rs11646411

hyperactivity disorder				
Attention deficit hyperactivity disorder	chr16	82853884	83153884	rs10514604
Attention deficit hyperactivity disorder	chr17	3461723	3761723	rs220470
Attention deficit hyperactivity disorder	chr18	53435199	53735199	rs7236632
Attention deficit hyperactivity disorder	chr19	63312694	63612694	rs260461
Attention deficit hyperactivity disorder	chr2	1754999	2054999	rs2241685
Attention deficit hyperactivity disorder	chr2	34183578	34483578	rs6733379
Attention deficit hyperactivity disorder	chr2	42684742	42984742	rs930421
Attention deficit hyperactivity disorder	chr2	77778751	78078751	rs7595103
Attention deficit hyperactivity disorder	chr2	116222264	116522264	rs272000
Attention deficit hyperactivity disorder	chr2	119888286	120188286	rs2587695
Attention deficit hyperactivity disorder	chr2	123208080	123508080	rs17367118
Attention deficit hyperactivity disorder	chr2	133606988	133906988	rs7577925
Attention deficit hyperactivity disorder	chr2	156446745	156746745	rs1918172
Attention deficit hyperactivity disorder	chr2	202508095	202808095	rs1521882
Attention deficit hyperactivity disorder	chr2	208552289	208852289	rs2242073
Attention deficit hyperactivity disorder	chr2	225796153	226096153	rs1517484
Attention deficit hyperactivity disorder	chr20	33162594	33462594	rs1555322
Attention deficit hyperactivity disorder	chr20	45684119	45984119	rs4810685

Attention deficit hyperactivity disorder	chr21	19308519	19608519	rs2825388
Attention deficit hyperactivity disorder	chr21	20657172	20957172	rs2826340
Attention deficit hyperactivity disorder	chr22	20487518	20787518	rs412050
Attention deficit hyperactivity disorder	chr22	33039792	33339792	rs130575
Attention deficit hyperactivity disorder	chr22	46513177	46813177	rs9627183
Attention deficit hyperactivity disorder	chr3	21780201	22080201	rs11719664
Attention deficit hyperactivity disorder	chr3	32667104	32967104	rs9845475
Attention deficit hyperactivity disorder	chr3	39380583	39680583	rs864643
Attention deficit hyperactivity disorder	chr3	60596147	60896147	rs6791644
Attention deficit hyperactivity disorder	chr3	70953179	71253179	rs17651978
Attention deficit hyperactivity disorder	chr3	187019434	187319434	rs10049246
Attention deficit hyperactivity disorder	chr3	196089298	196389298	rs3892715
Attention deficit hyperactivity disorder	chr4	75293453	75593453	rs1350666
Attention deficit hyperactivity disorder	chr5	6737166	7037166	rs11134178
Attention deficit hyperactivity disorder	chr5	71296111	71596111	rs2199161
Attention deficit hyperactivity disorder	chr5	112120866	112420866	rs469727
Attention deficit hyperactivity disorder	chr5	133081494	133381494	rs1644305
Attention deficit hyperactivity disorder	chr5	178353519	178653519	rs10039254
Attention deficit hyperactivity	chr6	39497184	39797184	rs4714261

disorder				
Attention deficit hyperactivity disorder	chr6	41608713	41908713	rs2842643
Attention deficit hyperactivity disorder	chr6	44795333	45095333	rs3799977
Attention deficit hyperactivity disorder	chr6	91114071	91414071	rs806276
Attention deficit hyperactivity disorder	chr7	28579487	28879487	rs2237349
Attention deficit hyperactivity disorder	chr7	109684706	109984706	rs6968385
Attention deficit hyperactivity disorder	chr7	112265608	112565608	rs10229603
Attention deficit hyperactivity disorder	chr8	101838496	102138496	rs931812
Attention deficit hyperactivity disorder	chr8	116313250	116613250	rs17658378
Attention deficit hyperactivity disorder	chr8	144578742	144878742	rs2290416
Attention deficit hyperactivity disorder	chr9	8075632	8375632	rs10815798
Attention deficit hyperactivity disorder	chr9	12422564	12722564	rs1325154
Attention deficit hyperactivity disorder	chr9	118223503	118523503	rs10983238
Attention deficit hyperactivity disorder	chr9	129866377	130166377	rs2502731
Attention deficit hyperactivity disorder	chr9	134458103	134758103	rs11243897
Bipolar disorder	chr1	60718145	61018145	rs472913
Bipolar disorder	chr1	101561064	101861064	rs1948368
Bipolar disorder	chr10	61699817	61999817	rs10994336
Bipolar disorder	chr10	80475072	80775072	rs703965
Bipolar disorder	chr11	65941883	66241883	rs2242663
Bipolar disorder	chr11	78611267	78911267	rs12290811
Bipolar disorder	chr11	123893204	124193204	rs544368
Bipolar disorder	chr12	2065555	2365555	rs1006737
Bipolar disorder	chr13	41401436	41701436	rs1012053
Bipolar disorder	chr14	23301354	23601354	rs12436436
Bipolar disorder	chr14	32400672	32700672	rs8015959
Bipolar disorder	chr14	57038948	57338948	rs10134944

Bipolar disorder	chr14	103428828	103728828	rs11622475
Bipolar disorder	chr15	36149274	36449274	rs16966460
Bipolar disorder	chr15	36632782	36932782	rs12899449
Bipolar disorder	chr15	68117667	68417667	rs6494849
Bipolar disorder	chr15	78331976	78631976	rs2278702
Bipolar disorder	chr16	23391526	23691526	rs420259
Bipolar disorder	chr17	44769010	45069010	rs1035050
Bipolar disorder	chr18	118795	418795	rs7226677
Bipolar disorder	chr19	1612602	1912602	rs7250872
Bipolar disorder	chr19	37459294	37759294	rs2111504
Bipolar disorder	chr2	79243495	79543495	rs13409348
Bipolar disorder	chr2	96627214	96927214	rs2314398
Bipolar disorder	chr2	98681933	98981933	rs6733011
Bipolar disorder	chr2	241014268	241314268	rs2953145
Bipolar disorder	chr20	3574174	3874174	rs3761218
Bipolar disorder	chr3	3483839	3783839	rs1601875
Bipolar disorder	chr3	21073645	21373645	rs11720452
Bipolar disorder	chr3	21531372	21831372	rs3821396
Bipolar disorder	chr3	32154500	32454500	rs4380451
Bipolar disorder	chr3	52646050	52946050	rs1042779
Bipolar disorder	chr3	165094657	165394657	rs7427021
Bipolar disorder	chr3	184202511	184502511	rs683395
Bipolar disorder	chr4	55027574	55327574	rs2537859
Bipolar disorder	chr5	94030343	94330343	rs17418283
Bipolar disorder	chr6	42689092	42989092	rs6458307
Bipolar disorder	chr6	152630446	152930446	rs17082664
Bipolar disorder	chr8	34096489	34396489	rs6990255
Bipolar disorder	chr9	33639369	33939369	rs216345
Bipolar disorder	chr9	112087083	112387083	rs7042161
Bipolar disorder	chr9	128997784	129297784	rs4130590
Bipolar disorder	chr9	134684855	134984855	rs2905072
Blood pressure	chr1	10572163	10872163	rs12046278
Blood pressure	chr1	11635364	11935364	rs17367504
Blood pressure	chr1	63213716	63513716	rs10493340
Blood pressure	chr1	237353164	237653164	rs2820037
Blood pressure	chr10	18598803	18898803	rs11014166
Blood pressure	chr10	63044596	63344596	rs1530440
Blood pressure	chr10	104434496	104986167	rs1004467,rs11191548
Blood pressure	chr11	16708843	17023794	rs381815,rs11024074
Blood pressure	chr12	88383089	88687219	rs2681472,rs2681492
Blood pressure	chr12	113687113	113987113	rs2384550
Blood pressure	chr14	75533430	75870516	rs935334,rs2121070
Blood pressure	chr14	75533430	75833430	rs935334
Blood pressure	chr15	55850705	56150705	rs1550576
Blood pressure	chr15	72714419	73062697	rs1378942,rs6495122
Blood pressure	chr15	94481553	94781553	rs2398162
Blood pressure	chr16	81050151	81350151	rs11646213
Blood pressure	chr16	82171704	82471704	rs3096277
Blood pressure	chr17	40413646	40713646	rs12946454
Blood pressure	chr17	44645464	44945464	rs16948048
Blood pressure	chr2	33988355	34288355	rs9308945
Blood pressure	chr2	168599631	168899631	rs6749447
Blood pressure	chr2	228273618	228573618	rs7591163
Blood pressure	chr20	57042114	57342114	rs16982520

Blood pressure	chr3	2479690	2779690	rs4370013
Blood pressure	chr3	41737654	42037654	rs9815354
Blood pressure	chr3	170433592	170798581	rs448378,rs1918974
Blood pressure	chr4	81253364	81553364	rs16998073
Blood pressure	chr4	100391467	100691467	rs991316
Blood pressure	chr6	88559298	88859298	rs2509458
Blood pressure	chr8	9959029	10259029	rs11775334
Blood pressure	chr8	73119469	73419469	rs1963982
Bone mineral density	chr1	22421033	22734059	rs7524102,rs6696981,rs6426749
Bone mineral density	chr1	68257662	68557977	rs1430742,rs2566755
Bone mineral density	chr1	91833607	92133607	rs17131547
Bone mineral density	chr10	3356104	3656104	rs2165468
Bone mineral density	chr11	13426747	13726747	rs9630182
Bone mineral density	chr11	15501037	15801037	rs7117858
Bone mineral density	chr11	31017346	31317346	rs16921914
Bone mineral density	chr11	46528796	46955935	rs7932354,rs1007738
Bone mineral density	chr11	67798921	68107870	rs599083,rs3736228
Bone mineral density	chr12	51864221	52168157	rs2016266,rs10876432
Bone mineral density	chr12	72722476	73022476	rs10506701
Bone mineral density	chr13	41699448	42080592	rs9533090,rs9594738,rs9594759,rs9594759
Bone mineral density	chr13	62382350	62682350	rs9317284
Bone mineral density	chr16	27192427	27492427	rs8057551
Bone mineral density	chr16	75835269	76135269	rs11864477
Bone mineral density	chr16	80785281	81085281	rs4087296
Bone mineral density	chr16	85118160	85418160	rs10048146
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Bone mineral density	chr17	39398710	39731072	rs228769,rs227584
Bone mineral density	chr17	41010976	41310976	rs9303521
Bone mineral density	chr18	58055836	58383072	rs884205,rs3018362
Bone mineral density	chr2	37747847	38047847	rs4670779
Bone mineral density	chr2	54388060	54688060	rs11898505
Bone mineral density	chr2	102986669	103286669	rs6735786

Bone mineral density	chr20	10437542	10737542	rs2273061
Bone mineral density	chr20	35753107	36053107	rs4811196
Bone mineral density	chr21	14616922	14916922	rs1006899
Bone mineral density	chr3	29678406	29978406	rs10510628
Bone mineral density	chr3	40948738	41262675	rs10490823,rs87938
Bone mineral density	chr4	9783257	10083257	rs9291683
Bone mineral density	chr4	88844266	89144266	rs1471403
Bone mineral density	chr5	88261816	88561816	rs1366594
Bone mineral density	chr6	32202604	32502604	rs3130340
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Bone mineral density	chr7	37952801	38252801	rs1524058
Bone mineral density	chr7	95805853	96121466	rs4729260,rs7781370
Bone mineral density	chr7	147183624	147483624	rs2214681
Bone mineral density	chr8	119843053	120271418	rs4355801,rs2062377,rs11995824,rs6469804,rs6993813
Bone mineral density	chrX	85928658	86228658	rs2710057
Breast cancer	chr1	120832135	121132135	rs11249433
Breast cancer	chr10	123177324	123492306	rs2981579,rs1219648,rs2981582
Breast cancer	chr11	1715581	2015581	rs3817198
Breast cancer	chr12	72126103	72426103	rs1154865
Breast cancer	chr13	94522956	94822956	rs1926657
Breast cancer	chr14	67954434	68254434	rs999737
Breast cancer	chr15	46537877	46837877	rs1876206
Breast cancer	chr16	50993841	51293841	rs3803662
Breast cancer	chr16	72880196	73180196	rs10871290
Breast cancer	chr17	45479289	45779289	rs2075555
Breast cancer	chr18	51665279	51965279	rs1978503
Breast cancer	chr2	59202850	59502850	rs10490113
Breast cancer	chr2	217464076	217764076	rs13387042
Breast cancer	chr21	29949381	30249381	rs458685
Breast cancer	chr5	45171474	45471474	rs981782
Breast cancer	chr5	55908839	56217640	rs16886165,rs889312
Breast cancer	chr5	163671857	163971857	rs6556756
Breast cancer	chr6	127492322	127792322	rs2180341
Breast cancer	chr6	151840058	152140058	rs2046210
Breast cancer	chr7	66546701	66846701	rs10263639
Breast cancer	chr8	128274799	128574799	rs13281615
Celiac disease	chr1	190653435	190953435	rs2816316
Celiac disease	chr12	110218990	110642138	rs3184504,rs653178
Celiac disease	chr2	102188296	102488296	rs13015714
Celiac disease	chr3	46177387	46477387	rs6441961

Celiac disease	chr3	160997743	161297743	rs17810546
Celiac disease	chr3	189445247	189745247	rs1464510
Celiac disease	chr6	159235964	159535964	rs1738074
Cholesterol	chr1	25491523	25791523	rs10903129
Cholesterol	chr1	62740783	63040783	rs10889353
Cholesterol	chr1	109470052	109770052	rs646776
Cholesterol	chr1	205791797	206091797	rs4844614
Cholesterol	chr1	228211538	228512313	rs2144300,rs4846914
Cholesterol	chr11	48325468	48625468	rs7395662
Cholesterol	chr11	61176405	61476405	rs174546
Cholesterol	chr11	116004126	116304126	rs964184
Cholesterol	chr12	108229550	108529550	rs2338104
Cholesterol	chr12	119723344	120023344	rs2650000
Cholesterol	chr15	56320657	56620657	rs1532085
Cholesterol	chr16	55400824	55700824	rs3764261
Cholesterol	chr16	66309570	66609570	rs2271293
Cholesterol	chr17	2225257	2525257	rs9891572
Cholesterol	chr18	45263087	45585665	rs7240405,rs4939883,rs2156552
Cholesterol	chr19	8225737	8525737	rs2967605
Cholesterol	chr19	10906029	11213305	rs11668477,rs6511720
Cholesterol	chr19	19118717	19669471	rs10401969,rs16996148
Cholesterol	chr19	19369471	19669471	rs16996148
Cholesterol	chr19	49923873	50264785	rs6859,rs157580,rs2075650,rs4420638
Cholesterol	chr2	20935699	21291825	rs693,rs515135,rs562338
Cholesterol	chr2	27434443	27744740	rs1260326,rs780094
Cholesterol	chr2	43768593	44068593	rs6756629
Cholesterol	chr20	38512197	38812197	rs6102059
Cholesterol	chr20	42325777	42625777	rs1800961
Cholesterol	chr20	43859908	44159908	rs7679
Cholesterol	chr5	74536839	74836839	rs3846662
Cholesterol	chr5	156180746	156480746	rs1501908
Cholesterol	chr6	33101925	33401925	rs2254287
Cholesterol	chr7	21423876	21723876	rs12670798
				rs326,rs328,rs10096633,rs12678919,rs10503669
Cholesterol	chr8	19713718	20041969	69
Cholesterol	chr8	126423907	126723907	rs6987702
Cholesterol	chr9	15129577	15429577	rs471364
Cholesterol	chr9	106546890	106846890	rs3905000
Cholesterol	chrX	66709349	67009349	rs5031002
Chronic lymphocytic leukemia	chr11	122716606	123016606	rs735665
Chronic lymphocytic leukemia	chr15	53978187	54278187	rs7169431
Chronic lymphocytic leukemia	chr15	67656043	67956043	rs7176508
Chronic lymphocytic leukemia	chr15	80901762	81201762	rs783540
Chronic lymphocytic leukemia	chr16	84383159	84683159	rs305061

Chronic lymphocytic leukemia	chr18	45947531	46247531	rs1036935
Chronic lymphocytic leukemia	chr19	51749493	52110212	rs11083846,rs11668878
Chronic lymphocytic leukemia	chr2	111363928	111663928	rs17483466
Chronic lymphocytic leukemia	chr2	230649466	230949466	rs13397985
Chronic lymphocytic leukemia	chr2	241869773	242169773	rs757978
Chronic lymphocytic leukemia	chr6	206063	506063	rs872071
Chronic lymphocytic leukemia	chr8	128112162	128412162	rs2456449
Colorectal cancer	chr10	8591224	8891224	rs10795668
Colorectal cancer	chr11	110526918	110826918	rs3802842
Colorectal cancer	chr14	53330668	53630668	rs4444235
Colorectal cancer	chr15	30632047	30932047	rs4779584
Colorectal cancer	chr16	67228446	67528446	rs9929218
Colorectal cancer	chr18	44557460	44857460	rs4939827
Colorectal cancer	chr19	38074139	38374139	rs10411210
Colorectal cancer	chr20	6202280	6502280	rs961253
Colorectal cancer	chr8	117549863	117849863	rs16892766
Colorectal cancer	chr8	128326624	128643973	rs10505477,rs7014346
Coronary artery disease	chr1	238362218	238662218	rs17672135
Coronary artery disease	chr10	43923872	44223872	rs501120
Coronary artery disease	chr12	119769969	120069969	rs2259816
Coronary artery disease	chr15	65095692	65395692	rs17228212
Coronary artery disease	chr16	81619898	81919898	rs8055236
Coronary artery disease	chr2	226626323	226926323	rs2943634
Coronary artery disease	chr22	24869634	25169634	rs688034
Coronary artery disease	chr3	139454811	139754811	rs9818870
Coronary artery disease	chr6	151144677	151444677	rs6922269
Coronary artery disease	chr6	160633521	160933521	rs2048327
Coronary artery disease	chr9	21965502	22265502	rs1333049
Crohn's disease	chr1	158968669	159268669	rs2274910
Crohn's disease	chr1	170978856	171278856	rs9286879

Crohn's disease	chr1	199052488	199352488	rs11584383
Crohn's disease	chr10	35177655	35477655	rs17582416
Crohn's disease	chr10	63958491	64258491	rs10995271
Crohn's disease	chr10	101131582	101431582	rs11190140
Crohn's disease	chr11	75828963	76128963	rs7927894
Crohn's disease	chr12	38738206	39038206	rs11175593
Crohn's disease	chr13	43205924	43505924	rs3764147
Crohn's disease	chr16	49171279	49471279	rs2066847
Crohn's disease	chr17	35144288	35444288	rs2872507
Crohn's disease	chr17	37617726	37917726	rs744166
Crohn's disease	chr18	12619946	12919946	rs2542151
Crohn's disease	chr2	233695148	233995148	rs3828309
Crohn's disease	chr21	15577090	15877090	rs1736135
Crohn's disease	chr21	44289988	44589988	rs762421
Crohn's disease	chr3	49546535	49846535	rs3197999
Crohn's disease	chr5	40278484	40578484	rs4613763
Crohn's disease	chr5	131648703	131948703	rs2188962
Crohn's disease	chr5	150089059	150389059	rs11747270
Crohn's disease	chr5	158597110	158897110	rs10045431
Crohn's disease	chr6	20686709	20986709	rs6908425
Crohn's disease	chr6	106391961	106691961	rs7746082
Crohn's disease	chr6	167207977	167507977	rs2301436
Crohn's disease	chr7	50090217	50390217	rs1456893
Crohn's disease	chr8	126459232	126759232	rs1551398
Crohn's disease	chr9	4821601	5121601	rs10758669
Crohn's disease	chr9	116456260	116756260	rs4263839
Fasting glucose	chr1	212075878	212375878	rs340874
Fasting glucose	chr10	112882082	113182082	rs10885122
Fasting glucose	chr11	45679666	45979666	rs11605924
Fasting glucose	chr11	47142895	47442895	rs7944584
Fasting glucose	chr11	61178053	61478053	rs174550
Fasting glucose	chr11	92163475	92498357	rs1387153,rs2166706,rs10830963
Fasting glucose	chr12	101249698	101549698	rs35767
Fasting glucose	chr15	60071253	60371253	rs11071657
Fasting glucose	chr2	169321393	169632316	rs560887,rs563694
Fasting glucose	chr3	30171971	30471971	rs10510634
Fasting glucose	chr3	124398467	124698467	rs11708067
Fasting glucose	chr3	172050214	172350214	rs11920090
Fasting glucose	chr4	121871239	122171239	rs180730
Fasting glucose	chr5	129821217	130121217	rs7731657
Fasting glucose	chr7	14880833	15180833	rs2191349
Fasting glucose	chr7	44052192	44352192	rs4607517
Fasting glucose	chr8	40453395	40753395	rs2722425
Fasting glucose	chr8	118104913	118404913	rs11558471
Fasting glucose	chr9	4129049	4429049	rs7034200
Hair colour	chr11	68452974	68752974	rs35264875
Hair colour	chr12	87702465	88002465	rs12821256
Hair colour	chr14	91693415	91993415	rs12896399
Hair colour	chr15	25889212	26353776	rs12913832,rs1667394
Hair colour	chr15	26655133	26955133	rs8033165
Hair colour	chr5	33844715	34144715	rs28777
Hair colour	chr6	191320	637158	rs12203592,rs6918152
HDL cholesterol	chr11	47092865	47392865	rs7120118
HDL cholesterol	chr15	56311986	56660966	rs4775041,rs10468017,rs1532085,rs1800588

HDL cholesterol	chr16	55392639	55712979	rs9989419,rs173539,rs3764261,rs1800775,rs1864163,rs1532624
HDL cholesterol	chr16	66309570	66732495	rs2271293,rs255049,rs255052
HDL cholesterol	chr18	45271211	45571211	rs4939883
				rs328,rs17482753,rs12678919,rs10503669,rs2083637
HDL cholesterol	chr8	19714003	20059454	
HDL cholesterol	chr9	106537040	106854121	rs4149268,rs3890182,rs3905000,rs1883025
Height	chr1	26243726	26543726	rs11809207
Height	chr1	41153457	41453457	rs6686842
Height	chr1	118519927	118835495	rs17038182,rs12735613
Height	chr1	148009495	148309495	rs11205277
Height	chr1	170306511	170606511	rs678962
Height	chr1	182137567	182437567	rs2274432
Height	chr1	225714572	226014572	rs1390401
Height	chr11	84692398	84992398	rs10898392
Height	chr12	11596890	11896890	rs2187642
Height	chr12	20499879	20799879	rs11611208
Height	chr12	64494613	64796018	rs1042725,rs8756,rs8756
Height	chr12	67964947	68264947	rs11177669
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Height	chr2	232354853	232654853	rs749052
Height	chr2	232713353	233013353	rs6717918
Height	chr20	6418892	6718892	rs967417
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Height	chr22	21773050	22073050	rs5751614
Height	chr22	38877526	39300096	rs139909,rs5757949

Height	chr3	135565781	135865781	rs10935120
Height	chr3	142426898	142776119	rs6440003,rs6763931,rs724016,rs10513137
Height	chr3	169170441	169470441	rs4345115
Height	chr4	17403937	17776827	rs16896068,rs6830062
Height	chr4	54779581	55079581	rs17690232
Height	chr4	82218854	82518854	rs710841
Height	chr4	145644293	146019470	rs1812175,rs6854783,rs1492820
Height	chr5	32774574	33074574	rs10472828
Height	chr5	78642533	78942533	rs10078095
Height	chr5	134250583	134550583	rs31198
Height	chr6	7515057	7815057	rs12198986
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Height	chr6	34152988	34496491	rs1776897,rs1776897,rs6918981
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Height	chr6	142571264	142959325	rs6570507,rs4896582,rs3748069
Height	chr7	2579627	2986510	rs798544,rs1182188
Height	chr7	28001615	28305935	rs849141,rs1635852
Height	chr7	91944840	92252345	rs2040494,rs2282978
Height	chr7	158267549	158567549	rs2730245
Height	chr8	57108361	57491573	rs10958476,rs13273123,rs9650315,rs7815788
Height	chr8	78172733	78472733	rs7846385
Height	chr8	118747019	119047019	rs11989122
Height	chr9	14738160	15038160	rs10961780
Height	chr9	33911540	34211540	rs7871764
Height	chr9	89851001	90151001	rs2814828
Height	chr9	96204561	96504561	rs16910061
Height	chr9	97149523	97449523	rs10512248
Height	chr9	98428958	98728958	rs10816533
Height	chr9	108522173	108822173	rs4743034
Height	chr9	111835225	112135225	rs7032940
Height	chr9	115939711	116239711	rs946053
Height	chr9	118024616	118324616	rs7869550
Height	chr9	132303904	132603904	rs7466269
Height	chrX	78385848	78685848	rs1474563
LDL cholesterol	chr1	55118626	55428234	rs11206510,rs11591147
				rs12740374,rs646776,rs646776,rs646776,rs59
LDL cholesterol	chr1	109469112	109773688	9839
LDL cholesterol	chr1	109473688	109773688	rs599839
LDL cholesterol	chr11	61176405	61503787	rs174546,rs174570
LDL cholesterol	chr11	115958933	116307632	rs12272004,rs6589566
LDL cholesterol	chr19	10906029	11221911	rs11668477,rs6511720,rs2228671
LDL cholesterol	chr19	49937105	50237105	rs157580
LDL cholesterol	chr2	43768593	44077384	rs6756629,rs6544713
LDL cholesterol	chr5	74511242	74841481	rs7703051,rs12654264,rs3846662,rs3846663
Leprosy	chr16	49126603	49426603	rs9302752

Leprosy	chr6	32531606	32831606	rs602875
Leprosy	chr8	90697649	91042831	rs42490,rs40457
Leprosy	chr9	116448523	116748523	rs6478108
Lung cancer	chr1	157797491	158097491	rs2808630
Lung cancer	chr10	90567313	90867313	rs1926203
Lung cancer	chr15	41196522	41496522	rs748404
Lung cancer	chr15	76443077	76845086	rs8034191,rs1051730,rs8042374
Lung cancer	chr2	68901891	69201891	rs4254535
Lung cancer	chr3	29400466	29700466	rs1530057
Lung cancer	chr3	191683154	191983154	rs7626795
				rs2736100,rs4975616,rs402710,rs401681,rs31489
Lung cancer	chr5	1189515	1545713	489
Lung cancer	chr6	28734095	29034095	rs4324798
Lung cancer	chr6	31578498	31878498	rs3117582
Melanoma	chr16	88133403	88433403	rs258322
Melanoma	chr16	88444436	88744436	rs4785763
Melanoma	chr20	32485432	32785432	rs910873
Melanoma	chr22	36724243	37024243	rs2284063
Melanoma	chr9	21656527	21956527	rs7023329
Multiple sclerosis	chr1	10125698	10425698	rs10492972
Multiple sclerosis	chr1	116752479	117055737	rs1335532,rs2300747
Multiple sclerosis	chr1	190647170	190947170	rs2760524
Multiple sclerosis	chr1	199101102	199401102	rs12122721
Multiple sclerosis	chr10	5989050	6292017	rs2104286,rs12722489
Multiple sclerosis	chr11	60367187	60667187	rs17824933
Multiple sclerosis	chr12	6160269	6462903	rs1800693,rs4149584
Multiple sclerosis	chr12	56299005	56599005	rs703842
Multiple sclerosis	chr12	122072677	122372677	rs1790100
Multiple sclerosis	chr13	91979886	92279886	rs9523762
Multiple sclerosis	chr16	10924188	11224188	rs11865121
Multiple sclerosis	chr16	84425163	84725163	rs17445836
Multiple sclerosis	chr19	10174117	10474117	rs34536443
Multiple sclerosis	chr20	44023602	44323602	rs6074022
Multiple sclerosis	chr3	120483525	120783525	rs1132200
Multiple sclerosis	chr3	161031638	161331638	rs4680534
Multiple sclerosis	chr5	35760331	36060331	rs6897932
Multiple sclerosis	chr6	29663637	29963637	rs2523393
Multiple sclerosis	chr6	32544831	32844831	rs9271366
Myocardial infarction	chr1	55118626	55418626	rs11206510
Myocardial infarction	chr1	220740151	221040151	rs17465637
Myocardial infarction	chr10	43945829	44245829	rs1746048
Myocardial infarction	chr19	10874600	11174600	rs1122608
Myocardial infarction	chr2	203304129	203604129	rs6725887
Myocardial infarction	chr21	34370997	34670997	rs9982601
Myocardial infarction	chr6	12885529	13185529	rs12526453
Myocardial infarction	chr9	21938573	22264476	rs4977574,rs10757278

Pancreatic cancer	chr1	198124054	198424054	rs3790844
Pancreatic cancer	chr13	72664628	72964628	rs9543325
Pancreatic cancer	chr5	1225086	1525086	rs401681
Pancreatic cancer	chr9	134989049	135289049	rs505922
Parkinson's disease	chr1	18862103	19162103	rs12063142
Parkinson's disease	chr1	160032124	160332124	rs10918270
Parkinson's disease	chr1	203830000	204169287	rs823128,rs947211
Parkinson's disease	chr10	15451548	15751548	rs7077361
Parkinson's disease	chr10	44331114	44631114	rs1480597
Parkinson's disease	chr10	104431382	104731382	rs17115100
Parkinson's disease	chr11	32702239	33002239	rs10767971
Parkinson's disease	chr11	83945493	84245493	rs10501570
Parkinson's disease	chr12	38564827	38864827	rs1994090
Parkinson's disease	chr14	53210579	53510579	rs12431733
Parkinson's disease	chr15	25520841	25820841	rs17565841
Parkinson's disease	chr17	40719223	41224925	rs11012,rs393152
Parkinson's disease	chr17	42034097	42334097	rs199533
Parkinson's disease	chr18	27142120	27442120	rs1941184
Parkinson's disease	chr2	69427213	69727213	rs7577851
Parkinson's disease	chr20	13094911	13394911	rs1223271
Parkinson's disease	chr4	692312	1104358	rs1564282,rs11248060
Parkinson's disease	chr4	15197034	15497034	rs4538475
Parkinson's disease	chr4	67979843	68279843	rs2242330
Parkinson's disease	chr4	77268009	77568009	rs6812193
Parkinson's disease	chr4	90708537	91166323	rs11931074,rs2736990,rs6532197
Parkinson's disease	chr5	9235280	9535280	rs7702187
Parkinson's disease	chr5	179576813	179876813	rs10464059
Parkinson's disease	chr9	120949529	121249529	rs4837628
Primary biliary cirrhosis	chr1	67444964	67744964	rs3790567
Primary biliary cirrhosis	chr17	35025784	35325784	rs907092

Primary biliary cirrhosis	chr3	161061571	161361571	rs6441286
Primary biliary cirrhosis	chr3	161673589	161973589	rs4679904
Primary biliary cirrhosis	chr6	32279531	32579531	rs2395148
Prostate cancer	chr10	51044976	51369501	rs3123078,rs10993994,rs10993994
Prostate cancer	chr10	126536861	126836861	rs4962416
Prostate cancer	chr11	2040149	2340149	rs7127900
Prostate cancer	chr11	68585155	68902533	rs11228565,rs7931342,rs10896449,rs7130881
Prostate cancer	chr13	102576007	102876007	rs1529276
Prostate cancer	chr17	33022152	33325268	rs4430796,rs7501939
Prostate cancer	chr17	66470347	66770347	rs1859962
Prostate cancer	chr19	43277452	43577452	rs8102476
Prostate cancer	chr19	55906434	56206434	rs2735839
Prostate cancer	chr2	43257452	43557452	rs1465618
Prostate cancer	chr2	62835234	63304667	rs721048,rs6545977
Prostate cancer	chr2	172869798	173169798	rs12621278
Prostate cancer	chr22	38632064	38932064	rs9623117
Prostate cancer	chr22	41680155	41980155	rs5759167
Prostate cancer	chr3	37821480	38121480	rs9311171
Prostate cancer	chr3	87043363	87406013	rs2660753,rs17181170
Prostate cancer	chr3	129371062	129671062	rs10934853
Prostate cancer	chr3	146506477	146806477	rs345013
Prostate cancer	chr4	95583631	95931899	rs12500426,rs17021918
Prostate cancer	chr4	106130982	106430982	rs7679673
Prostate cancer	chr5	82871494	83171494	rs4466137
Prostate cancer	chr6	51624589	51924589	rs10498792
Prostate cancer	chr6	160351363	160903653	rs651164,rs9364554
Prostate cancer	chr7	20811015	21111015	rs12155172
Prostate cancer	chr7	27793087	28093087	rs10486567
Prostate cancer	chr7	97504262	97804262	rs6465657
Prostate cancer	chr8	23432407	23732407	rs1512268
Prostate cancer	chr8	128012478	128542362	rs1016343,rs16901979,rs16902094,rs445114
Prostate cancer	chr8	128332486	128737735	rs6983267,rs1447295,rs4242382,rs4242384
Prostate cancer	chrX	51076796	51408411	rs1327301,rs5945572,rs5945619
Psoriasis	chr1	67316789	67616789	rs2201841
Psoriasis	chr1	150666641	150966641	rs4085613
Psoriasis	chr12	54874239	55174239	rs2066808
Psoriasis	chr13	39098911	39398911	rs7993214
Psoriasis	chr20	47805736	48105736	rs495337
Psoriasis	chr5	131873862	132173862	rs20541
Psoriasis	chr5	150308510	150608510	rs17728338
Psoriasis	chr5	158500366	158833346	rs2082412,rs3213094
Psoriasis	chr6	31113763	31689758	rs1265181,rs12191877,rs10484554,rs3134792
Psoriasis	chr6	138091109	138391109	,rs2395029
Psoriasis	chr9	134615854	134915854	rs610604
QT interval	chr1	6051956	6351956	rs1076160
QT interval	chr1	160131255	160627233	rs846111
QT interval	chr1	167216106	167516106	rs2880058,rs12143842,rs10494366,rs1685703
QT interval	chr11	2291378	2608894	1,rs12029454,rs4657178
QT interval	chr12	20273022	20573022	rs10919071
				rs2074238,rs12296050,rs12576239
				rs1348582

QT interval	chr13	46910558	47210558	rs2478333
QT interval	chr14	95042160	95342160	rs8015016
QT interval	chr16	11449253	11749253	rs8049607
QT interval	chr16	56974738	57329678	rs37062,rs7188697
QT interval	chr17	30198494	30498494	rs2074518
QT interval	chr17	65856586	66156586	rs17779747
QT interval	chr2	157111105	157411105	rs7601713
QT interval	chr2	179200219	179500219	rs12476289
QT interval	chr3	38414166	38718396	rs11129795,rs12053903
QT interval	chr3	61619093	61919093	rs652889
QT interval	chr3	123701036	124001036	rs2650951
QT interval	chr3	195658386	195958386	rs789852
QT interval	chr4	34937025	35237025	rs1533317
QT interval	chr4	118401702	118701702	rs4318720
QT interval	chr4	149044051	149344051	rs6845865
QT interval	chr5	5800693	6100693	rs7728043
QT interval	chr6	118609896	118937066	rs12210810,rs11153730,rs11970286
QT interval	chr6	118950324	119250324	rs11756438
QT interval	chr7	36893378	37193378	rs10488031
QT interval	chr7	150103094	150418795	rs2968864,rs2968863,rs4725982
Restless legs syndrome	chr15	65673905	65973905	rs12593813
Restless legs syndrome	chr2	66484956	66784956	rs2300478
Restless legs syndrome	chr6	38323818	38698947	rs9296249,rs3923809
Restless legs syndrome	chr9	8686954	8986954	rs1975197
Restless legs syndrome	chr9	9101736	9401736	rs4626664
Rheumatoid arthritis	chr1	2393483	2693483	rs3890745
Rheumatoid arthritis	chr10	6283265	6583265	rs4750316
Rheumatoid arthritis	chr12	56104981	56404981	rs1678542
Rheumatoid arthritis	chr18	74360584	74660584	rs2002842
Rheumatoid arthritis	chr2	60867834	61167834	rs13017599
Rheumatoid arthritis	chr2	204252120	204552120	rs231735
Rheumatoid arthritis	chr20	44031353	44331353	rs4810485
Rheumatoid arthritis	chr21	41283787	41583787	rs2837960
Rheumatoid arthritis	chr22	35731552	36031552	rs743777
Rheumatoid arthritis	chr4	24876341	25176341	rs3816587
Rheumatoid arthritis	chr6	32532148	32921976	rs615672,rs660895,rs6457617,rs6457620
Rheumatoid arthritis	chr7	91934679	92234679	rs42041
Rheumatoid arthritis	chr7	130870578	131170578	rs11761231

arthritis				
Rheumatoid arthritis	chr8	11231381	11531381	rs2736340
Rheumatoid arthritis	chr9	34550259	34850259	rs2812378
Rheumatoid arthritis	chr9	122542718	122880059	rs881375,rs3761847
Schizophrenia	chr1	11561150	11861150	rs4846033
Schizophrenia	chr1	96786930	97086930	rs7544736
Schizophrenia	chr1	184748939	185048939	rs10911902
Schizophrenia	chr11	28968711	29268711	rs1602565
Schizophrenia	chr11	123961494	124261494	rs12807809
Schizophrenia	chr12	118152891	118452891	rs11064768
Schizophrenia	chr13	26825143	27125143	rs9512730
Schizophrenia	chr15	84635243	84935243	rs16977195
Schizophrenia	chr16	12819111	13119111	rs7192086
Schizophrenia	chr16	20431992	20731992	rs151222
Schizophrenia	chr18	51059235	51455999	rs17594526,rs9960767
Schizophrenia	chr2	57926431	58226431	rs2312147
Schizophrenia	chr2	185336672	185636672	rs1344706
Schizophrenia	chr3	181883395	182183395	rs6782299
Schizophrenia	chr5	101737215	102037215	rs1502844
Schizophrenia	chr6	27101861	27506909	rs13194053,rs6932590
Schizophrenia	chr6	32130970	32430970	rs3131296
Schizophrenia	chr6	32560246	32860246	rs9272219
Schizophrenia	chr7	103042050	103342050	rs7341475
Schizophrenia	chr9	120236237	120536237	rs1572299
Schizophrenia	chrX	760179	1060179	rs4129148
Schizophrenia	chrX	147038712	147338712	rs2159767
Schizophrenia	chrY	760179	1060179	rs4129148
Stroke	chr12	503744	803744	rs12425791
Stroke	chr13	53329087	53629087	rs9536591
Stroke	chr18	11827271	12127271	rs7506045
Stroke	chr6	106944062	107244062	rs783396
Stroke	chr7	15559310	15859310	rs10486776
Systemic lupus erythematosus	chr1	71897060	72197060	rs12141391
Systemic lupus erythematosus	chr1	171308097	171726335	rs2205960,rs10798269
Systemic lupus erythematosus	chr10	49639059	49939059	rs1913517
Systemic lupus erythematosus	chr11	429563	729563	rs4963128
Systemic lupus erythematosus	chr11	117928728	118228728	rs4639966
Systemic lupus erythematosus	chr11	127666268	127966268	rs6590330
Systemic lupus erythematosus	chr12	127716646	128016646	rs1385374
Systemic lupus erythematosus	chr16	31070753	31426374	rs9888739,rs11150610,rs11574637
Systemic lupus erythematosus	chr17	13524530	13824530	rs12949531
Systemic lupus erythematosus	chr18	66843222	67143222	rs17083844

Systemic lupus erythematosus	chr2	33405393	33705393	rs13385731
Systemic lupus erythematosus	chr2	49659000	49959000	rs17039212
Systemic lupus erythematosus	chr2	191461002	191822877	rs3821236,rs7574865,rs7574865
Systemic lupus erythematosus	chr22	20097189	20397189	rs131654
Systemic lupus erythematosus	chr3	58195216	58495216	rs6445975
Systemic lupus erythematosus	chr4	102820098	103120098	rs10516487
Systemic lupus erythematosus	chr4	138761699	139061699	rs2313132
Systemic lupus erythematosus	chr5	42260999	42560999	rs979233
Systemic lupus erythematosus	chr5	150288338	150588338	rs10036748
Systemic lupus erythematosus	chr6	32534455	32863861	rs9271100,rs2187668
Systemic lupus erythematosus	chr6	106524726	106824726	rs548234
Systemic lupus erythematosus	chr6	138087415	138387758	rs5029939,rs2230926
Systemic lupus erythematosus	chr7	50126408	50426408	rs4917014
Systemic lupus erythematosus	chr7	74861115	75161115	rs1167796
Systemic lupus erythematosus	chr7	128211202	128655141	rs4728142,rs10488631,rs12537284
Systemic lupus erythematosus	chr7	128231418	128531418	rs10488631
Systemic lupus erythematosus	chr8	11227590	11539949	rs7812879,rs2618476
Systemic lupus erythematosus	chr9	133936587	134236587	rs11243676
Tanning	chr11	88047638	88347638	rs10831496
Tanning	chr11	88500693	88800693	rs1393350
Tanning	chr12	52295543	52595543	rs7969151
Tanning	chr14	96023559	96323559	rs17094273
Tanning	chr16	88044837	88344837	rs154659
Tanning	chr16	88133403	88663617	rs258322,rs1805007
Tanning	chr16	88363617	88762061	rs1805007,rs11648785
Tanning	chr20	32052272	32352272	rs1015362
Tanning	chr21	41950983	42250983	rs7279297
Tanning	chr5	33841429	34141429	rs35391
Tanning	chr5	149041040	149341040	rs32579
Tanning	chr6	270488	570488	rs12210050
Triglycerides	chr1	62554219	63114364	rs1167998,rs1748195,rs10889353,rs12130333
Triglycerides	chr11	61177358	61477358	rs174547
Triglycerides	chr11	115958933	116387721	rs12272004,rs1558861,rs28927680,rs964184,
Triglycerides	chr11	116886940	117186940	rs12286037,rs2075292
Triglycerides	chr15	56311986	56611986	rs10892151
Triglycerides	chr16	55402736	55702736	rs4775041
Triglycerides	chr16	55402736	55702736	rs1800775

Triglycerides	chr19	19369471	19800527	rs16996148,rs17216525,rs2304130
Triglycerides	chr19	19500527	19800527	rs2304130
Triglycerides	chr2	20909687	21235699	rs6754295,rs7557067,rs693
Triglycerides	chr2	27434443	27734443	rs1260326
Triglycerides	chr7	72344204	72808272	rs2240466,rs714052,rs17145738,rs3812316
Triglycerides	chr8	10932570	11232570	rs7819412
Triglycerides	chr8	126405590	126710153	rs17321515,rs2954029
Type 1 diabetes	chr1	204856526	205156526	rs3024505
Type 1 diabetes	chr10	5987288	6580455	rs12722495,rs11594656,rs12251307,rs947474
Type 1 diabetes	chr10	6362896	6662896	rs11258747
Type 1 diabetes	chr10	89863012	90163012	rs10509540
Type 1 diabetes	chr11	1988799	2319741	rs689,rs7111341
Type 1 diabetes	chr12	9651430	9951430	rs4763879
Type 1 diabetes	chr12	54618446	54918446	rs2292239
Type 1 diabetes	chr12	56115456	56415456	rs1678536
Type 1 diabetes	chr12	110218990	110518990	rs3184504
Type 1 diabetes	chr14	68183351	68483351	rs1465788
Type 1 diabetes	chr14	97418703	97718703	rs4900384
Type 1 diabetes	chr15	36539767	36844332	rs17574546,rs7171171
Type 1 diabetes	chr15	76872500	77172500	rs3825932
Type 1 diabetes	chr16	10937373	11237373	rs12708716
Type 1 diabetes	chr16	28297348	28597348	rs4788084
Type 1 diabetes	chr16	73654745	73954745	rs7202877
Type 1 diabetes	chr17	35128942	35469765	rs12150079,rs2290400
Type 1 diabetes	chr17	35873811	36173811	rs7221109
Type 1 diabetes	chr18	12632939	12975975	rs45450798,rs1893217,rs478582
Type 1 diabetes	chr18	65532621	65832621	rs763361
Type 1 diabetes	chr19	51750320	52050320	rs425105
Type 1 diabetes	chr2	102286999	102586999	rs917997
Type 1 diabetes	chr2	162682296	162982296	rs1990760
Type 1 diabetes	chr2	204297163	204597163	rs3087243
Type 1 diabetes	chr20	1408550	1708550	rs2281808
Type 1 diabetes	chr21	42559254	42864396	rs11203203,rs3788013
Type 1 diabetes	chr22	28761721	29061721	rs5753037
Type 1 diabetes	chr22	35771263	36071263	rs229541
Type 1 diabetes	chr3	46170614	46539950	rs11711054,rs333
Type 1 diabetes	chr3_r			
Type 1 diabetes	andom	518223	818223	rs333
Type 1 diabetes	chr4	25544608	25844608	rs10517086
Type 1 diabetes	chr4	123201941	123746931	rs4505848,rs2069763
Type 1 diabetes	chr6	90864951	91164951	rs11755527
Type 1 diabetes	chr6	126590411	126890411	rs9388489
Type 1 diabetes	chr7	26708189	27008189	rs7804356
Type 1 diabetes	chr7	50844687	51144687	rs4948088
Type 1 diabetes	chr9	4131746	4431746	rs7020673
Type 1 diabetes	chrX	153448795	153748795	rs2664170
Type 2 diabetes	chr1	120169481	120469481	rs10923931
Type 2 diabetes	chr10	12218015	12518015	rs12779790
Type 2 diabetes	chr10	94302861	94605538	rs1111875,rs5015480
Type 2 diabetes	chr10	114594077	114898338	rs7901695,rs4506565,rs7903146
Type 2 diabetes	chr11	2646326	2965121	rs2237892,rs2237897
Type 2 diabetes	chr11	17215205	17516147	rs5215,rs5219
Type 2 diabetes	chr11	41721941	42021941	rs9300039
Type 2 diabetes	chr12	49493808	49793808	rs12304921

Type 2 diabetes	chr12	53235262	53535262	rs1153188
Type 2 diabetes	chr12	69713367	70099368	rs1495377,rs7961581
Type 2 diabetes	chr16	52223775	52528027	rs8050136,rs9939609
Type 2 diabetes	chr2	43436326	43736326	rs7578597
Type 2 diabetes	chr2	105054029	105354029	rs6712932
Type 2 diabetes	chr2	226651988	226951988	rs2943641
Type 2 diabetes	chr3	12102844	12518124	rs17036101,rs1801282
Type 2 diabetes	chr3	55138439	55438439	rs358806
Type 2 diabetes	chr3	64536943	64836943	rs4607103
Type 2 diabetes	chr3	186844380	187162983	rs4402960,rs6769511
Type 2 diabetes	chr4	6170956	6470956	rs4689388
Type 2 diabetes	chr4	122734963	123034963	rs7659604
Type 2 diabetes	chr5	89431864	89731864	rs12518099
				rs4712523,rs4712524,rs10946398,rs10946398
Type 2 diabetes	chr6	20615542	20975233	,rs7754840,rs7756992,rs6931514,rs9465871
Type 2 diabetes	chr6	43769739	44069739	rs9472138
Type 2 diabetes	chr7	27997080	28297080	rs864745
Type 2 diabetes	chr8	118103963	118403963	rs13266634
Type 2 diabetes	chr9	21869546	22274093	rs564398,rs7020996,rs2383208,rs10811661
Ulcerative colitis	chr1	19865452	20194446	rs3806308,rs6426833
Ulcerative colitis	chr1	22421033	22721033	rs7524102
Ulcerative colitis	chr1	67328545	67647707	rs11209026,rs10889677
Ulcerative colitis	chr1	159596368	159896368	rs1801274
Ulcerative colitis	chr1	198994184	199294184	rs7554511
Ulcerative colitis	chr1	204856526	205160590	rs3024505,rs3024493
Ulcerative colitis	chr10	101130290	101430290	rs6584283
Ulcerative colitis	chr12	66640858	67032927	rs1558744,rs2870946
Ulcerative colitis	chr13	26279266	26579266	rs17085007
Ulcerative colitis	chr13	39253509	39553509	rs9548988
Ulcerative colitis	chr16	66998730	67298730	rs1728785
Ulcerative colitis	chr20	42348441	42648441	rs6017342
Ulcerative colitis	chr3	49526986	49826986	rs9858542
Ulcerative colitis	chr6	31069334	31369334	rs9263739
Ulcerative colitis	chr6	32321821	32691144	rs9268480,rs9268877,rs2395185
				rs2108225,rs4730273,rs4730276,rs886774,rs4
Ulcerative colitis	chr7	107090338	107518074	598195,rs2158836
Ulcerative colitis	chr9	5053686	5353686	rs10975003
Ulcerative colitis	chr9	84350966	84650966	rs668853
Ulcerative colitis	chr9	138239158	138539158	rs10781500

Supplementary Table 6. Enrichment of glucocorticoid receptor binding for GWAS traits

Trait	Fold enrichment	P value	FDR (q value)
Stroke	4.7	0.0001	0.010
Atrial fibrillation	3.7	0.0005	0.015
Height	1.4	0.0009	0.015
Breast cancer	2.1	0.0020	0.037
Prostate cancer	1.8	0.0021	0.037

Supplementary Table 7. Details of VDR binding sites within enriched GWAS intervals

Trait	Trait interval					VDR binding interval			Distance to marker SNP (kb)	Gene closest to interval
	Chr	Start	End	Marker SNP	SNP location	Reported gene(s)	Start	End		
Chronic lymphocytic leukaemia	chr2	111363928	111663928	rs17483466	111513928	ACOXL, BCL2L11	111631842	111632292	118	BCL2L11
							111642629	111643317	129	BCL2L11
							111649739	111650098	136	BCL2L11
	chr2	230649466	230949466	rs13397985	230799466	SP140, SP110	230830426	230831323	31	SP140
	chr6	206063	506063	rs872071	356063	IRF4	235332	240117	116	DUSP22
							250039	251392	105	DUSP22
							263560	265595	90	DUSP22
							266541	266736	89	DUSP22
							272712	274503	82	DUSP22
							309499	310322	46	IRF4
							336563	338435	18	IRF4
							338521	341603	14	IRF4
							342006	347849	8	IRF4
							347936	351315	5	IRF4
							351441	358957	3	IRF4
	chr8	128112162	128412162	rs2456449	128262162	Intergenic	128291171	128291904	29	POU5F1P1
	chr16	84383159	84683159	rs305061	84533159	IRF8	84493624	84495177	38	IRF8
	chr19	51749493	52110212	rs11083846, rs11668878	51899493, 51960212	PRKD2, STRN4	51913106	51913814	14	PRKD2
51914186							51914743	15	PRKD2	
Colorectal cancer	chr11	110526918	110826918	rs3802842	110676918	Intergenic	110721209	110722184	44	POU2AF1
							110722210	110724090	45	POU2AF1
							110726317	110726762	49	POU2AF1
							110726810	110727816	50	POU2AF1
							110734965	110735831	58	POU2AF1
							110746627	110747956	70	POU2AF1
							110751667	110753143	75	POU2AF1

chr18	44557460	44857460	rs4939827	44707460	SMAD7	44733277	44733638	26	SMAD7
chr19	38074139	38374139	rs10411210	38224139	RHPN2	38359499	38360077	135	LRP3

**Crohn's
disease**

chr1	158968669	159268669	rs2274910	159118669	ITLN1	158991962	158992892	126	SLAMF7
chr2	233695148	233995148	rs3828309	233845148	ATG16L1	233952196	233952612	107	DGKD
chr3	49546535	49846535	rs3197999	49696535	MST1B	49731526	49732464	35	AMIGO3
chr5	40278484	40578484	rs4613763	40428484	PTGER4 C	40443006	40443298	15	PTGER4
chr5	131648703	131948703	rs2188962	131798703	Intergenic	131786230	131786704	12	C5orf56
						131788981	131789849	9	C5orf56
						131829769	131830739	31	IRF1
						131844191	131845704	45	IRF1
chr6	20686709	20986709	rs6908425	20836709	CDKAL1	20985519	20986230	149	CDKAL1
chr6	106391961	106691961	rs7746082	106541961	Intergenic	106449511	106449935	92	PRDM1
						106652204	106652995	110	PRDM1
						106653010	106654072	111	PRDM1
						106656121	106657305	114	PRDM1
						106663933	106664298	122	PRDM1
						106664416	106665651	122	PRDM1
						106668866	106669573	127	PRDM1
						106669809	106670335	128	PRDM1
chr6	167207977	167507977	rs2301436	167357977	CCR6	167436600	167437067	79	CCR6
chr8	126459232	126759232	rs1551398	126609232	Intergenic	126511461	126512014	97	TRIB1
						126519085	126519654	90	TRIB1
						126519709	126520412	89	TRIB1
						126520846	126521346	88	TRIB1
						126683142	126684054	74	TRIB1
						126686131	126687259	77	TRIB1
						126689034	126690035	80	TRIB1
						126718018	126719361	109	TRIB1
						126729509	126730157	120	TRIB1
chr10	63958491	64258491	rs10995271	64108491	ZNF365	64061696	64062695	46	ZNF365
						64066915	64067694	41	ZNF365

						64082818	64083436	25	ZNF365
						64085075	64085761	23	ZNF365
chr10	101131582	101431582	rs11190140	101281582	NKX2	101407109	101407543	126	ENTPD7
chr11	75828963	76128963	rs7927894	75978963	C11orf30	76017115	76017504	38	LRRC32
chr12	38738206	39038206	rs11175593	38888206	LRRK2, MUC19	38872693	38873523	15	LRRK2
chr17	35144288	35444288	rs2872507	35294288	ORMDL3	35163890	35164774	130	GRB7
						35165630	35167150	127	GRB7
						35167294	35167460	127	GRB7
						35167532	35168463	126	GRB7
						35273434	35274408	20	IKZF3
						35274658	35275146	19	IKZF3
						35276684	35277910	16	ZBPB2
chr18	12619946	12919946	rs2542151	12769946	PTPN2	12793267	12793972	23	PTPN2
						12857490	12858363	88	PTPN2
chr21	44289988	44589988	rs762421	44439988	ICOSLG	44387712	44388697	51	C21orf33
						44399141	44399962	40	C21orf33
						44450911	44452046	11	ICOSLG
						44488120	44488722	48	ICOSLG

Hair colour

chr5	33844715	34144715	rs28777	33994715	Intergenic	33885901	33886426	108	ADAMTS12
chr6	191320	637158	rs12203592, rs6918152	341320, 487158	EXOC2, IRF4	204807	205518	136	DUSP22
						235332	240117	101	DUSP22
						250039	251392	90	DUSP22
						263560	265595	76	DUSP22
						266541	266736	75	DUSP22
						272712	274503	67	DUSP22
						309499	310322	31	IRF4
						336563	338435	3	IRF4
						338521	341603	0	IRF4
						342006	347849	1	IRF4
						347936	351315	7	IRF4
						351441	358957	10	IRF4
chr11	68452974	68752974	rs35264875	68602974	TPCN2	68580259	68580682	22	TPCN2

Height

chr2	24979787	25279787	rs6733301	25129787	ADCY3, POMC,	25047872	25048284	82	DNAJC27
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					DNMT3A, DTNB				
chr2	232354853	232654853	rs749052	232504853	NPPC, DIS312, COPS7B, PDE6D, PTMA	232599803	232600292	95	DIS3L2
chr2	232713353	233013353	rs6717918	232863353	DIS312, ALPP, NPPC	232809226	232809552	54	ALPP
chr3	169170441	169470441	rs4345115	169320441	GOLIM4, SERPINI1	169252391 169274171 169288707	169252724 169274540 169289204	68 46 31	GOLIM4 GOLIM4 GOLIM4
chr4	145644293	146019470	rs1812175, rs6854783, rs1492820	145794293, 145862528, 145869470	HHIP	145688255	145688751	106	HHIP
chr5	134250583	134550583	rs31198	134400583	PITX1, PCBD2, CATSPE R3, DDX46, CAMLG	134268045	134268508	132	PCBD2
chr6	26191365	26491365	rs10946808	26341365	Intergenic	26211750 26296033 26303414 26304284 26312538 26341115 26348249 26357527 26359464 26377692 26380172 26380812 26381845 26392565 26468709	26213051 26297569 26304079 26305812 26314595 26343424 26349491 26359141 26361398 26380165 26380468 26381830 26382550 26394120 26469276	128 44 37 36 27 0 7 16 18 36 39 39 40 51 127	HIST1H4C HIST1H4D HIST1H3D HIST1H3D HIST1H4E HIST1H1D HIST1H4F HIST1H3F HIST1H2B H HIST1H3G HIST1H3G HIST1H2BI HIST1H2BI HIST1H4H BTN3A2

chr6	31312538	31612538	rs13437082	31462538	HLA-B	31343356 31427504 31430454 31430598 31430739	31344390 31429527 31430568 31430725 31431214	118 33 32 32 31	HLA-C HLA-C HLA-C HLA-C HLA-C
chr6	32008044	32308044	rs185819	32158044	Intergenic	32265879	32266327	108	PBX2
chr6	34576870	34876870	rs2814993	34726870	C6orf106	34731945 34750635	34733705 34751292	5 24	C6orf106 C6orf106
chr6	35360762	35660762	rs4713858	35510762	ANKS1A, TCP11, ZNF76, DEF6, SCUBE3	35543880	35544429	33	RPL10A
chr6	126727347	127158000	rs1490388, rs4549631	126,877,347, 127,008,000	C6orf173	127081420	127082130	204	C6orf173
chr7	2579627	2986510	rs798544, rs1182188	27,296,272,8 36,510	GNA12	2900667 2984546	2901254 2985074	171 255	GNA12 CARD11
chr7	91944840	92252345	rs2040494, rs2282978	9,209,484,09 2,102,340	CDK6, PEX1, GATAD1, ERVWE1	92187876	92188624	93	
chr8	57108361	57491573	rs10958476, rs13273123, rs9650315, rs7815788	57258361, 57263344, 57318151, 57341573	CHCHD7, PLAG1, MOS, RPS20, LYN, TGS1, PENK	57149498	57150070	108	RPS20
chr9	111835225	112135225	rs7032940	111985225	Intergenic	111945400 111946103	111946047 111946578	39 39	C9orf152 C9orf152
chr9	115939711	116239711	rs946053	116089711	COL27A1	116150946	116151448	61	AKNA
chr12	11596890	11896890	rs2187642	11746890	ETV6	11879809	11881244	133	ETV6
chr12	100887660	101400467	rs2292303, rs1520223	101037660, 101250467	IGF1, NUP37, C12orf48, PMCH	100961751	100962279	75	CCDC53
chr12	129992143	130292143	rs1569019	130142143	GPR133	130143471	130143975	1	GPR133
chr14	91346974	91679710	rs7153027,rs	91496974,	TRIP11,	91409537	91410275	87	TC2N

			8007661	91529710	ATXN3, TRIP11, FBIN5, ATXN3, CPSF2					
chr15	81927495	82523127	rs2562784, rs2554380, rs10906982, rs4842838	82077495, 82106887, 82359161, 82373127	ADAMTS L3, SH3GL3	82415553 82440384	82416150 82440784	338 363		
chr15	87553035	87853035	rs4932217	87703035	POLG	87679056	87679580	23	POLG	
chr16	465680	765680	rs763014	615680	RAB40C	680248	680592	65	WDR24	
chr17	58916695	59216695	rs7209435	59066695	MAP3K3, WDR68, MT1F	59172701	59173351	106	STRADA	
chr18	18828325	19128325	rs4800148	18978325	CABLES1 , RBBP8, C18orf45	18968097 19065284 19076087	18968722 19065803 19076621	10 87 98	CABLES1 CABLES1 CABLES1	
chr18	45095157	45395157	rs8099594	45245157	DYM	45267425 45272633	45268482 45273070	22 27	C18orf32	
chr19	1971953	2271953	rs12986413	2121953	DOT1L	2036000 2114489	2036747 2114945	85 7	C19orf36 DOT1L	
chr22	38877526	39300096	rs139909,rs5 757949	39027526, 39150090	SGSM3, MKL1, TNRC6B, ADSL	39138300 39140488 39141432	39138856 39141373 39141894	111 113 114	SGSM3 SGSM3 SGSM3	

**Multiple
sclerosis**

chr1	190647170	190947170	rs2760524	190797170	Intergenic	190811148 190814186 190815973	190814061 190815732 190817165	14 17 19	RGS1 RGS1 RGS1	
chr3	120483525	120783525	rs1132200	120633525	Intergenic	120553807 120699777 120780772	120554233 120700258 120782054	79 66 147	C3orf1 ADPRH	
chr6	29663637	29963637	rs2523393	29813637	HLA-B	29804417	29806630	7	HLA-F	

chr6	32544831	32844831	rs9271366	32694831	HLA-DRB1	32733693	32734478	39	HLA-DQB1
chr12	6160269	6462903	rs1800693, rs4149584	6310269, 6312903	TNFRSF1A	6411885 6424115 6431227	6412438 6426317 6431873	102 114 121	CD27 TAPBPL
chr12	56299005	56599005	rs703842	56449005	METTL1, CYP27B1	56462534	56463057	14	TSFM
chr12	122072677	122372677	rs1790100	122222677	MPHOSP H9	122134174 122134623 122170299	122134548 122135140 122170932	88 88 52	PITPNM2 PITPNM2 PITPNM2
chr16	10924188 84425163	11224188 84725163	rs11865121 rs17445836	11074188 84575163	CLEC16a IRF8	10966711 84493624	10967310 84495177	107 80	CLEC16A IRF8
chr19	10174117	10474117	rs34536443	10324117	Intergenic	10258047	10258754	65	ICAM4
chr20	44023602	44323602	rs6074022	44173602	CD40	44033716 44191890	44034305 44193113	139 18	ZNF335 CD40

**Rheumatoid
arthritis**

chr1	2393483	2693483	rs3890745	2543483	MMEL1,T NFRSF14	2480734	2481127	62	TNFRSF14
chr2	60867834	61167834	rs13017599	61017834	REL	60919899	60920444	97	REL
chr2	204252120	204552120	rs231735	204402120	CTLA4	204402945	204403693	1	CTLA4
chr4	24876341	25176341	rs3816587	25026341		24923149	24923713	103	ZCCHC4
chr6	32532148	32921976	rs615672, rs660895, rs6457617, rs6457620	32682148, 32685357, 32771828, 32771976	HLA-DQA1, HLA-DQA2, HLA-DRB1	32733693	32734478	52	HLA-DQB1
chr7	91934679	92234679	rs42041	92084679	CDK6	92187876	92188624	103	
chr8	11231381	11531381	rs2736340	11381381	BLK	11386651 11425729	11387422 11426193	5 44	BLK BLK
chr9	122542718	122880059	rs881375, rs3761847	122692718, 122730000	TRAF1, C5	122699260 122701590 122702348 122703511	122699797 122702321 122702872 122704535	7 9 10 11	PHF19 PHF19 PHF19 PHF19
chr10	6283265	6583265	rs4750316	6433265	PRKCQ	6429479	6430523	3	

chr12	56104981	56404981	rs1678542	56254981	KIF5A, PIP4K2C	56167769	56168359	87	MARS
chr20	44031353	44331353	rs4810485	44181353	CD40	44033716 44191890	44034305 44193113	147 11	ZNF335 CD40
chr22	35731552	36031552	rs743777	35881552	Intergenic	35944589 35971268 36010056	35945978 35971925 36010449	63 90 129	SSTR3 RAC2 CYTH4

**Systemic
lupus
erythematosus**

chr1	171308097	171726335	rs2205960, rs10798269	171458097, 171576000	TNFSF4	171431173 171448664 171512537 171646613 171651043	171432059 171449297 171513450 171646983 171651891	26 9 54 189 193	TNFSF4 TNFSF4 TNFSF4
chr2	33405393	33705393	rs13385731	33555393	RASGRP 3	33555581 33557552 33556675 33554209 33572420 33575700	33556658 33558406 33557456 33555553 33573347 33576245	0 2 1 0 17 20	RASGRP3 RASGRP3 RASGRP3 RASGRP3 RASGRP3 RASGRP3
chr2	191461002	191822877	rs3821236, rs7574865, rs7574865	191611002, 191672877	STAT4	191532422 191533492 191534313 191536752 191572903 191585377 191593109	191533424 191534283 191536685 191537864 191573707 191588018 191594101	78 77 74 73 37 23 17	GLS GLS GLS GLS STAT1 STAT1 STAT1
chr5	150288338	150588338	rs10036748	150438338	TNIP1	150454768	150456038	16	TNIP1
chr6	32563861	32863861	rs2187668	32713861	HLA- DQA1	32733693	32734478	20	HLA-DQB1
chr6	32534455	32863861	rs9271100, rs2187668	32684455, 32713861	HLA- DQA1, HLA- DRB1			49	HLA-DQB1
chr6	106524726	106824726	rs548234	106674726	PRDM1,	106652204	106652995	22	PRDM1

ATG5									
						106653010	106654072	21	PRDM1
						106656121	106657305	17	PRDM1
						106663933	106664298	10	PRDM1
						106664416	106665651	9	PRDM1
						106668866	106669573	5	PRDM1
						106669809	106670335	4	PRDM1
						106696033	106697251	21	PRDM1
						106700048	106700620	25	PRDM1
						106717815	106719651	43	PRDM1
						106721741	106722490	47	PRDM1
						106736356	106737571	62	PRDM1
chr6	138087415	138387758	rs5029939, rs2230926	138237415, 138237000	TNFAIP3	138154697 138246164 138312649	138155773 138247096 138313280	82 9 75	TNFAIP3 TNFAIP3 TNFAIP3
chr7	128211202	128655141	rs4728142, rs10488631, rs12537284	128361202, 128381418, 128505141	IRF5	128361804	128362423	1	IRF5
chr8	11227590	11539949	rs7812879, rs2618476	11377590, 11389940	BLK	11386651 11425729	11387422 11426193	9 48	BLK BLK
chr11	429563	729563	rs4963128	579563	PHRF1	439988 601174 601838 605817	440418 601785 602383 606307	139 22 22 26	PTDSS2 IRF7 IRF7 IRF7
chr11	117928728	118228728	rs4639966	118078728	Intergenic	118068350 118071528	118068843 118072055	10 7	TREH TREH
chr11	127666268	127966268	rs6590330	127816268	ETS1	127844183 127846984 127927692	127844789 127847717 127928598	28 31 111	ETS1 ETS1 ETS1
chr12	127716646	128016646	rs1385374	127866646	SLC15A4	127880906	127881452	14	SLC15A4
chr16	31070753	31426374	rs9888739, rs11150610, rs11574637	31220753, 31241736, 31276374	ITGAM, ITGAX	31098585	31099590	121	FUS
chr5	33841429	34141429	rs35391	33991429	Intergenic	33885901	33886426	105	ADAMTS12

chr6	270488	570488	rs12210050	420488	EXOC2	272712 309499 336563 338521 342006 347936 351441	274503 310322 338435 341603 347849 351315 358957	146 110 82 79 73 69 62	DUSP22 IRF4 IRF4 IRF4 IRF4 IRF4 IRF4
chr16	88044837	88344837	rs154659, rs258322, rs1805007	88194837, 88283403, 88513610	MC1R	88158507	88159521	35	RPL13
chr21	41950983	42250983	rs7279297	42100983	PRDM15	42157397	42158069	56	PRDM15

**Type 1
diabetes**

chr1	204856526	205156526	rs3024505	205006526	IL10	204919635 204957078	204920295 204957799	86 49	MAPKAPK 2 MAPKAPK 2
chr2	204297163	204597163	rs3087243	204447163	CTLA4	204402945	204403693	43	CTLA4
chr4	25544608	25844608	rs10517086	25694608	Intergenic	25694525	25695277	0	
chr10	5987288	6662896	rs12722495, rs11594656, rs12251307, rs947474, rs11258747	6137288, 6162014, 6163500, 6430455, 6512896	IL2RA, PRKCQ	6429479	6430523	82	PRKCQ
chr10	89863012	90163012	rs10509540	90013012	C10orf59	89912612 90009904 90020531	89913148 90010800 90021595	100 2 8	PTEN C10orf59 C10orf59
chr12	9651430	9951430	rs4763879	9801430	Intergenic	9691677 9694524 9741486 9743449	9694478 9695090 9743233 9744344	107 106 58 57	CLEC2D CLEC2D
chr12	54618446	54918446	rs2292239	54768446	Intergenic	54797831	54798597	29	ZC3H10
chr12	56115456	56415456	rs1678536	56265456	KIF5A	56167769	56168359	97	MARS
chr14	68183351	68483351	rs1465788	68333351	Intergenic	68322656 68325207 68328751 68330433	68324146 68325372 68330172 68331911	9 8 3 1	ZFP36L1 ZFP36L1 ZFP36L1 ZFP36L1
chr16	10937373	11237373	rs12708716	11087373	Intergenic	10966711	10967310	120	CLEC16A
chr17	35128942	35469765	rs12150079,	35278942,	Intergenic	35163890	35164774	114	GRB7

			rs2290400	35319760		35165630	35167150	112	GRB7
						35167294	35167460	111	GRB7
						35167532	35168463	110	GRB7
						35273434	35274408	5	IKZF3
						35274658	35275146	4	IKZF3
						35276684	35277910	1	ZPBP2
chr17	35873811	36173811	rs7221109	36023811	SMARCE1	35961956	35963288	61	CCR7
						35963462	35964439	59	CCR7
						35970535	35971359	52	CCR7
						35992094	35992630	31	CCR7
						36008323	36009330	14	CCR7
chr18	12632939	12975975	rs45450798, rs1893217, rs478582	12782939, 12799339, 12825975	PTPN2	12793267	12793972	10	PTPN2
						12857490	12858363	75	PTPN2
chr18	65532621	65832621	rs763361	65682621	CD226	65763404	65763936	81	CD226
						65767144	65767615	85	CD226
chr19	51750320	52050320	rs425105	51900320	Intergenic	51913106	51913814	13	PRKD2
						51914186	51914743	14	PRKD2
chr22	35771263	36071263	rs229541	35921263	Intergenic	35944589	35945978	23	SSTR3
						35971268	35971925	50	RAC2
						36010056	36010449	89	CYTH4
						36032592	36033494	111	CYTH4

Selection interval				VDR binding interval				
Population	Chr	Start	End	Start	End	gene_id	Gene name	Gene distance
ASIA	15	61700000	61800000	61757110	61757517	ENSG00000197361	FBXL22	80463
ASIA	2	108600000	108700000	108610634	108611116	ENSG00000169756	LIMS1	6482
ASIA	2	125800000	125900000	125845954	125846380	ENSG00000136732	GYPE	1283767
ASIA	2	125800000	125900000	125871708	125872477	ENSG00000136732	GYPE	1257670
ASIA	2	125800000	125900000	125872812	125873281	ENSG00000136732	GYPE	1256866
ASIA	2	136800000	136900000	136855967	136856877	ENSG00000121966	CXCR4	263761
ASIA	2	177800000	177900000	177837650	177838277	ENSG00000116044	AC079305.6-2	0
ASIA	2	230800000	230900000	230830426	230831323	ENSG00000079263	SP140	31738
ASIA	20	34600000	34700000	34667108	34667671	ENSG00000101084	C20orf24	0
ASIA	3	122900000	123000000	122925683	122926089	ENSG00000173230	GOLGB1	25204
ASIA	5	112200000	112300000	112286807	112287642	ENSG00000129625	REEP5	876
ASIA	6	26300000	26400000	26303414	26304079	ENSG00000197409	HIST1H3D	1379
ASIA	6	26300000	26400000	26304284	26305812	ENSG00000197409	HIST1H3D	0
ASIA	6	26300000	26400000	26312538	26314595	ENSG00000198518	HIST1H4E	0
ASIA	6	26300000	26400000	26341115	26343424	ENSG00000124575	HIST1H1D	0
ASIA	6	26300000	26400000	26348249	26349491	ENSG00000198327	HIST1H4F	0
ASIA	6	26300000	26400000	26357527	26359141	ENSG00000112727	HIST1H3F	0
ASIA	6	26300000	26400000	26359464	26361398	ENSG00000197459	HIST1H2BH	0
ASIA	6	26300000	26400000	26377692	26380165	ENSG00000178458	HIST1H3G	0
ASIA	6	26300000	26400000	26380172	26380468	ENSG00000178458	HIST1H3G	580
ASIA	6	26300000	26400000	26380812	26381830	ENSG00000168242	HIST1H2BI	0
ASIA	6	26300000	26400000	26381845	26382550	ENSG00000168242	HIST1H2BI	724
ASIA	6	26300000	26400000	26392565	26394120	ENSG00000158406	HIST1H4H	0
ASIA	8	11000000	11100000	11094123	11094981	ENSG00000171044	XKR6	1278
ASIA	9	121800000	121900000	121838552	121838965	ENSG00000136861	CDK5RAP2	543294
ASIA	9	129800000	129900000	129833013	129833568	ENSG00000171169	NAIF1	35645
ASIA	9	129800000	129900000	129883143	129883494	ENSG00000148339	SLC25A25	10475
ASIA	X	152900000	153000000	152926650	152926898	ENSG00000184216	IRAK1	11560
CEU	1	78800000	78900000	78871322	78872104	ENSG00000137959	IFI44L	12603
CEU	1	117300000	117400000	117395601	117396047	ENSG00000116830	TTF2	8423

CEU	1	159200000	159300000	159282154	159283419	ENSG00000158773	USF1	0
CEU	10	73600000	73700000	73603595	73604059	ENSG00000138303	ASCC1	39742
CEU	10	73600000	73700000	73667487	73667900	ENSG00000138303	ASCC1	21434
CEU	10	73700000	73800000	73703237	73704106	ENSG00000168209	DDIT4	0
CEU	10	73700000	73800000	73704151	73706759	ENSG00000168209	DDIT4	470
CEU	10	73700000	73800000	73726777	73728080	ENSG00000168209	DDIT4	23096
CEU	10	73700000	73800000	73749686	73750152	ENSG00000148719	DNAJB12	34724
CEU	10	73700000	73800000	73761145	73762124	ENSG00000148719	DNAJB12	22752
CEU	10	73700000	73800000	73764558	73765158	ENSG00000148719	DNAJB12	19718
CEU	10	73700000	73800000	73765232	73765552	ENSG00000148719	DNAJB12	19324
CEU	14	60100000	60200000	60169253	60169630	ENSG00000126778	SIX1	16304
CEU	17	5200000	5300000	5283007	5283472	ENSG00000108561	C1QBP	0
CEU	17	44600000	44700000	44624663	44625641	ENSG00000167083	GNGT2	16102
CEU	17	44600000	44700000	44645657	44646395	ENSG00000108798	ABI3	3071
CEU	17	44600000	44700000	44650483	44650898	ENSG00000108798	ABI3	7897
CEU	17	44600000	44700000	44656297	44656700	ENSG00000173868	PHOSPHO1	6428
CEU	17	44600000	44700000	44657001	44658064	ENSG00000173868	PHOSPHO1	5064
CEU	17	63800000	63900000	63799665	63800127	ENSG00000108932	SLC16A6	662
CEU	17	63800000	63900000	63846445	63846821	ENSG00000141337	ARSG	31675
CEU	2	136600000	136700000	136680668	136681129	ENSG00000121966	CXCR4	88462
CEU	2	136800000	136900000	136855967	136856877	ENSG00000121966	CXCR4	263761
CEU	2	152700000	152800000	152740049	152740960	ENSG00000115145	STAM2	0
CEU	2	160200000	160300000	160276808	160277467	ENSG00000136536	Mar-07	0
CEU	3	123800000	123900000	123811378	123812040	ENSG00000173200	PARP15	5205
CEU	4	41800000	41900000	41864421	41864861	ENSG00000188848	BEND4	14768
CEU	6	28900000	29000000	28971894	28972388	ENSG00000204713	TRIM27	27360
CEU	6	34700000	34800000	34731945	34733705	ENSG00000196821	C6orf106	14007
CEU	6	34700000	34800000	34750635	34751292	ENSG00000196821	C6orf106	2923
CEU	7	30600000	30700000	30636986	30637605	ENSG00000106105	GARS	36282
CEU	7	97500000	97600000	97598865	97599402	ENSG00000164715	LMTK2	24734
CEU	9	121800000	121900000	121838552	121838965	ENSG00000136861	CDK5RAP2	543294
YRI	14	58600000	58700000	58698158	58698696	ENSG00000100592	DAAM1	26454

YRI	15	54300000	54400000	54325328	54325851	ENSG00000181827	RFX7	2552
YRI	15	73400000	73500000	73447209	73448374	ENSG00000140400	MAN2C1	0
YRI	16	2500000	2600000	2521689	2522257	ENSG00000205923	CEMP1	267
YRI	17	3800000	3900000	3811431	3811945	ENSG00000074370	ATP2A3	2541
YRI	18	64800000	64900000	64810941	64811496	ENSG00000150636	CCDC102B	194646
YRI	19	47000000	47100000	47055314	47056309	ENSG00000105372	RPS19P3	0
YRI	19	47000000	47100000	47067317	47067425	ENSG00000105369	CD79A	5603
YRI	19	47000000	47100000	47067445	47069605	ENSG00000105369	CD79A	3423
YRI	19	47000000	47100000	47079664	47080497	ENSG00000076928	ARHGEF1	0
YRI	2	98400000	98500000	98437262	98437903	ENSG00000040933	INPP4A	9326
YRI	2	98400000	98500000	98443597	98444315	ENSG00000040933	INPP4A	15661
YRI	2	98400000	98500000	98447264	98448385	ENSG00000040933	INPP4A	19328
YRI	2	98400000	98500000	98448470	98448978	ENSG00000040933	INPP4A	20534
YRI	2	98400000	98500000	98453781	98454406	ENSG00000040933	INPP4A	25845
YRI	22	17700000	17800000	17799750	17800150	ENSG00000185608	MRPL40	0
YRI	4	148800000	148900000	148824379	148825073	ENSG00000164169	AC093835.3-3	0
YRI	6	28900000	29000000	28971894	28972388	ENSG00000204713	TRIM27	27360
YRI	9	96000000	96100000	96061177	96061513	ENSG00000175787	ZNF169	0
YRI	9	135100000	135200000	135192633	135193143	ENSG00000148296	SURF6	0

Supplementary Table 8. Details of VDR binding within regions of selection. Data for three HapMap populations, ASN of Asian ancestry, CEU of Northern European ancestry and YRI of African ancestry. Selection intervals defined from (Voight et al. 2006).

Voight, B.F., Kudaravalli, S., Wen, X., and Pritchard, J.K. 2006. A map of recent positive selection in the human genome. *PLoS Biol* **4**: e72.

LCL	GM10855	GM10861	GM10855	GM10855	GM10855	GM10855	GM10861	GM10861	GM10861	GM10861
Condition	Input	Input	Induced	Induced	Basal	Basal	Induced	Induced	Basal	Basal
Replicate			1	2	1	2	1	2	1	2
Number of reads	26700832	27256594	22674165	24251236	23435245	16922378	18474056	22697497	19724110	13748361
Number of reads mapped uniquely	14123764	14803712	14748180	15703467	14536835	10768709	12187133	14071742	12144999	9007999
Number of duplicate reads	847926	832242	1686802	1812049	1953115	1274113	1106433	1182202	1000546	670380
Number of reads without duplicates	13275838	13971470	13061378	13891418	12583720	9494596	11080700	12889540	11144453	8337619
Normalised number of reads in IP			8338018	8338972	8336153	8338597	8337522	8337600	8338716	8337619
Normalised number of reads in input chromatin			8338237	8338237	8338237	8338237	8337292	8337292	8337292	8337292
Number of positive peaks called			24504	19002	10902	19489	33681	30331	9021	28682
Number of peaks used for estimating shift			15170	12201	5202	11131	25580	20458	5930	21453
Estimated read shift			109	119	124	121	125	104	128	120

Supplementary Table 9. Summary of mapping and peak calling.