Supplementary 6. Common Risk SNPs between MS and Urological Disorders

Source.Name	disease_semantic_type
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rs9989735	Disease or Syndrome

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intron variant	2011	0.24	rs1004446
intron variant	2012	0.24	rs10045431
intron variant	2013	0.08	rs1014486
intron variant	2015	0.08	rs10201872
intron variant	2016	0.08	rs1021156
intron variant	2013	0.08	rs1036207
intron variant	2011	0.08	rs10411936
intron variant	2011	0.08	rs10466829
upstream gene variant	2011	0.28	rs10488631
intron variant	2011	0.08	rs10492972
intron variant	2011	0.4	rs10499194
intergenic variant	2011	0.08	rs10500264
intron variant	2007	0.08	rs10500817
non coding transcript exon variant	2007	0.08	rs1050391
upstream gene variant	2011	0.16	rs10509540
missense variant	2011	0.36	rs10516487
intron variant	2011	0.16	rs10517086
non coding transcript exon variant	2007	0.08	rs1059174
intron variant	2017	0.08	rs10735781
upstream gene variant	2011	0.28	rs10758669
intron variant	2013	0.12	rs1077667
non coding transcript exon variant	2016	0.08	rs10797431
upstream gene variant	2011	0.12	rs10800309
intron variant	2011	0.28	rs10806425
intron variant	2007	0.08	rs10823051
intron variant	2011	0.08	rs10866713
upstream gene variant	2015	0.12	rs10876994
intergenic variant	2011	0.2	rs10903122
synonymous variant	2011	0.6	rs10936599
downstream gene variant	2011	0.28	rs10995271
3 prime UTR variant	2013	0.08	rs11052877
intron variant	2019	0.16	rs1107345
intergenic variant	2018	0.08	rs11129295
intron variant	2018	0.16	rs11154801
non coding transcript exon variant	2011	0.16	rs11175593
upstream gene variant	2011	0.16	rs11190140
intron variant	2011	0.28	rs11221332
intron variant	2013	0.08	rs113116201
stop lost	2013	0.2	rs1131265
missense variant	2012	0.16	rs1132200
intron variant	2011	0.32	rs11465804

non coding transcript exon variant	2007	0.08	rs11539216
missense variant	2013	0.16	rs11554159
non coding transcript exon variant	2011	0.08	rs11581062
downstream gene variant	2011	0.2	rs11584383
regulatory region variant	2011	0.16	rs11586238
intron variant	2013	0.08	rs11587876
intron variant	2015	0.08	rs11621145
intron variant	2011	0.16	rs11676922
intron variant	2011	0.2	rs11712165
intron variant	2013	0.08	rs11719975
intron variant	2011	0.24	rs11747270
intron variant	2011	0.36	rs11755527
intron variant	2019	0.32	rs11755724
missense variant	2016	0.08	rs11808092
intron variant	2017	0.08	rs11810217
intron variant	2009	0.08	rs11860603
intron variant	2011	0.12	rs11860650
intron variant	2009	0.08	rs11865121
upstream gene variant	2007	0.08	rs11949767
intron variant	2011	0.08	rs12025416
intergenic variant	2011	0.08	rs12048904
intron variant	2013	0.08	rs12087340
intron variant	2011	0.08	rs12122721
intron variant	2013	0.08	rs12148050
intron variant	2013	0.08	rs12149527
intron variant	2011	0.28	rs12212193
intron variant	2017	0.08	rs12253981
splice region variant	2013	0.08	rs12296430
intron variant	2018	0.08	rs12368653
non coding transcript exon variant	2011	0.08	rs12466022
intron variant	2011	0.08	rs1250542
intron variant	2019	0.24	rs1250550
intron variant	2011	0.2	rs1250552
intron variant	2011	0.32	rs12708716
intron variant	2018	0.16	rs12722489
intron variant	2016	0.08	rs12722561
intron variant	2019	0.16	rs1292034
intron variant	2013	0.24	rs12927355
intron variant	2014	0.2	rs12928822
downstream gene variant	2016	0.16	rs12946510
intron variant	2018	0.08	rs12988804
intron variant	2011	0.2	rs13003464

intron variant	2011	0.2	rs13010713
non coding transcript exon variant	2011	0.16	rs13017599
intron variant	2011	0.2	rs13098911
intron variant	2011	0.2	rs13151961
intergenic variant	2011	0.12	rs13192841
intron variant	2019	0.16	rs1323292
intron variant	2013	0.08	rs13260060
intron variant	2013	0.08	rs13279485
regulatory region variant	2011	0.2	rs13314993
intron variant	2011	0.16	rs13315591
intron variant	2011	0.08	rs13333054
intron variant	2018	0.08	rs1335532
intergenic variant	2007	0.08	rs1356122
intron variant	2013	0.16	rs1359062
TF binding site variant	2016	0.08	rs1398607
intron variant	2009	0.08	rs1401884
upstream gene variant	2019	0.16	rs140522
regulatory region variant	2007	0.08	rs1438131
intron variant	2011	0.16	rs1456893
intron variant	2011	0.28	rs1464510
upstream gene variant	2011	0.16	rs1465788
non coding transcript exon variant	2007	0.16	rs151719
intron variant	2015	0.12	rs1520333
intron variant	2013	0.16	rs1534422
intron variant	2011	0.16	rs1551398
intron variant	2011	0.12	rs1558744
upstream gene variant	2009	0.28	rs1569723
intron variant	2007	0.08	rs1610603
intron variant	2007	0.08	rs1610630
intron variant	2007	0.08	rs1632953
intron variant	2007	0.08	rs1633069
intron variant	2007	0.08	rs1633070
missense variant	2019	0.16	rs16978630
intron variant	2011	0.2	rs17035378
intergenic variant	2019	0.08	rs17066096
intron variant	2011	0.08	rs170934
intron variant	2013	0.12	rs17119
intron variant	2011	0.08	rs17174870
intron variant	2011	0.12	rs1728785
intron variant	2011	0.16	rs1736135
3 prime UTR variant	2007	0.08	rs1736921
upstream gene variant	2007	0.08	rs1737060

non coding transcript exon variant	2007	0.08	rs1737068
5 prime UTR variant	2017	0.32	rs1738074
intron variant	2011	0.28	rs17388568
intron variant	2013	0.08	rs17411949
intron variant	2007	0.16	rs17421624
intron variant	2011	0.32	rs17445836
intron variant	2013	0.08	rs175126
intron variant	2016	0.08	rs17519972
regulatory region variant	2011	0.16	rs17582416
intron variant	2011	0.24	rs17696736
downstream gene variant	2011	0.16	rs17728338
intron variant	2013	0.08	rs17785991
intron variant	2011	0.44	rs17810546
intron variant	2016	0.08	rs17824933
intron variant	2013	0.08	rs1782645
non coding transcript exon variant	2007	0.08	rs17840186
intron variant	2009	0.08	rs1790100
non coding transcript exon variant	2019	0.36	rs1800693
3 prime UTR variant	2017	0.08	rs180515
upstream gene variant	2007	0.08	rs1805755
intron variant	2013	0.08	rs1813375
intergenic variant	2013	0.08	rs1843938
intron variant	2013	0.08	rs1870071
intron variant	2013	0.08	rs1886700
intron variant	2013	0.16	rs189139
intron variant	2016	0.08	rs1891621
intron variant	2011	0.44	rs1893217
intron variant	2016	0.08	rs1920296
intergenic variant	2011	0.32	rs1980422
missense variant	2020	0.48	rs1990760
intron variant	2013	0.08	rs201202118
intergenic variant	2013	0.08	rs201847125
intron variant	2011	0.16	rs2019960
intron variant	2010	0.24	rs2040406
intron variant	2013	0.16	rs2050568
intron variant	2007	0.28	rs2051549
missense variant	2011	0.72	rs20541
intron variant	2011	0.28	rs2066808
3 prime UTR variant	2007	0.32	rs2072633
intron variant	2013	0.08	rs2073167
intron variant	2007	0.16	rs2073723
missense variant	2007	0.64	rs2076530

intron variant	2007	0.2	rs2076533
downstream gene variant	2011	0.12	rs2082412
intron variant	2016	0.08	rs210131
intron variant	2019	0.44	rs2104286
intron variant	2011	0.08	rs2119704
non coding transcript exon variant	2011	0.16	rs212389
intron variant	2013	0.08	rs212405
intron variant	2011	0.08	rs2150702
regulatory region variant	2010	0.16	rs2157051
intergenic variant	2007	0.08	rs2157082
upstream gene variant	2013	0.08	rs2163226
intergenic variant	2016	0.08	rs2182410
intron variant	2011	0.16	rs2188962
intron variant	2011	0.44	rs2201841
intergenic variant	2011	0.4	rs2205960
intron variant	2018	0.16	rs2205986
intron variant	2007	0.12	rs2227127
missense variant	2016	0.4	rs2227956
intron variant	2013	0.08	rs2236262
missense variant	2010	0.16	rs2242665
upstream gene variant	2016	0.4	rs2248359
upstream gene variant	2016	0.08	rs2255214
non coding transcript exon variant	2013	0.08	rs2256814
non coding transcript exon variant	2011	0.2	rs2274910
intron variant	2011	0.16	rs2281808
intron variant	2013	0.08	rs2283792
intron variant	2013	0.12	rs228614
missense variant	2013	0.24	rs2288904
intron variant	2011	0.36	rs2290400
intron variant	2011	0.48	rs2292239
intron variant	2011	0.48	rs2293152
intron variant	2011	0.16	rs2293370
intron variant	2011	0.2	rs229541
intron variant	2011	0.08	rs2300603
intron variant	2018	0.2	rs2300747
intron variant	2011	0.32	rs2301436
missense variant	2011	0.08	rs2303759
missense variant	2011	0.28	rs2305480
intron variant	2011	0.12	rs2315008
intergenic variant	2011	0.32	rs2327832
intron variant	2011	0.08	rs233100
downstream gene variant	2013	0.08	rs2371108

upstream gene variant	2010	0.24	rs2395173
downstream gene variant	2010	0.28	rs2395182
intron variant	2011	0.08	rs2412973
downstream gene variant	2007	0.12	rs241403
intron variant	2007	0.16	rs241427
intron variant	2019	0.16	rs2425752
intron variant	2011	0.24	rs2431697
intergenic variant	2019	0.12	rs2454138
intron variant	2013	0.28	rs2456449
missense variant	2011	0.8	rs2476601
regulatory region variant	2010	0.08	rs2503875
intron variant	2007	0.08	rs2516460
non coding transcript exon variant	2009	0.08	rs2523393
upstream gene variant	2007	0.08	rs2523485
intron variant	2007	0.2	rs2523535
upstream gene variant	2007	0.08	rs2523638
intron variant	2007	0.16	rs2524089
intron variant	2007	0.16	rs2524095
intergenic variant	2007	0.08	rs2530709
intergenic variant	2007	0.08	rs2530710
upstream gene variant	2011	0.48	rs2542151
non coding transcript exon variant	2011	0.2	rs2546890
downstream gene variant	2007	0.08	rs2596517
upstream gene variant	2007	0.16	rs2596571
intergenic variant	2007	0.08	rs2621382
intergenic variant	2007	0.16	rs2621383
intergenic variant	2007	0.16	rs2621384
intron variant	2011	0.16	rs26232
TF binding site variant	2007	0.2	rs2647046
intron variant	2007	0.08	rs2670117
upstream gene variant	2016	0.08	rs2681424
regulatory region variant	2013	0.08	rs2688608
intron variant	2013	0.08	rs2726518
upstream gene variant	2007	0.08	rs2734573
non coding transcript exon variant	2007	0.16	rs2736172
upstream gene variant	2007	0.08	rs2736177
upstream gene variant	2011	0.48	rs2736340
intergenic variant	2013	0.08	rs2744148
downstream gene variant	2011	0.2	rs2762932
intron variant	2019	0.16	rs2777899
intron variant	2016	0.08	rs2812197
intron variant	2011	0.2	rs2816316

intron variant	2019	0.08	rs2836425
intergenic variant	2011	0.2	rs2836878
non coding transcript exon variant	2007	0.08	rs2844507
intron variant	2007	0.08	rs2844558
intergenic variant	2010	0.16	rs2849015
downstream gene variant	2007	0.08	rs2857129
downstream gene variant	2007	0.08	rs2857136
intergenic variant	2007	0.08	rs2857154
intergenic variant	2007	0.16	rs2857161
intergenic variant	2007	0.12	rs2857210
intergenic variant	2007	0.08	rs2857212
intergenic variant	2011	0.36	rs2872507
intron variant	2007	0.16	rs2894249
intron variant	2007	0.08	rs2905747
upstream gene variant	2016	0.08	rs290986
intergenic variant	2013	0.08	rs2920001
intron variant	2014	0.12	rs2935183
intron variant	2011	0.2	rs296547
intron variant	2013	0.08	rs3004212
intron variant	2013	0.08	rs3007421
upstream gene variant	2007	0.08	rs3016013
upstream gene variant	2011	0.32	rs3024505
intron variant	2016	0.08	rs307896
downstream gene variant	2011	0.72	rs3087243
intron variant	2011	0.16	rs3093023
intron variant	2007	0.08	rs3094123
non coding transcript exon variant	2010	0.08	rs3094609
upstream gene variant	2007	0.08	rs3095238
intergenic variant	2007	0.08	rs3095250
intergenic variant	2007	0.08	rs3095345
upstream gene variant	2007	0.08	rs3099848
intergenic variant	2007	0.2	rs3101942
intron variant	2016	0.12	rs3104373
3 prime UTR variant	2007	0.08	rs3115537
intergenic variant	2007	0.2	rs3115576
non coding transcript exon variant	2010	0.28	rs3117098
intron variant	2011	0.36	rs3118470
intergenic variant	2007	0.08	rs3129305
intergenic variant	2013	0.28	rs3129720
upstream gene variant	2007	0.24	rs3129768
upstream gene variant	2013	0.32	rs3129871
upstream gene variant	2007	0.16	rs3129872

intron variant	2007	0.16	rs3129877
intron variant	2010	0.24	rs3129882
downstream gene variant	2011	0.08	rs3129889
intron variant	2007	0.2	rs3129900
intron variant	2007	0.16	rs3129932
intron variant	2018	0.16	rs3129934
missense variant	2010	0.24	rs3129941
non coding transcript exon variant	2007	0.08	rs3130000
intron variant	2010	0.24	rs3130050
intron variant	2007	0.08	rs3130287
regulatory region variant	2010	0.24	rs3130299
intergenic variant	2007	0.2	rs3130311
intron variant	2010	0.16	rs3130320
intron variant	2007	0.28	rs3130501
intergenic variant	2007	0.08	rs3130532
intergenic variant	2007	0.08	rs3130534
intron variant	2007	0.08	rs3130558
intron variant	2007	0.36	rs3130564
intron variant	2010	0.2	rs3130933
intergenic variant	2007	0.08	rs3130952
upstream gene variant	2007	0.08	rs3130975
missense variant	2007	0.08	rs3130981
intron variant	2007	0.08	rs3131009
intron variant	2007	0.08	rs3131294
intron variant	2007	0.08	rs3131621
intron variant	2007	0.08	rs3131622
downstream gene variant	2007	0.08	rs3131631
intron variant	2007	0.16	rs3132486
intron variant	2007	0.16	rs3132524
intron variant	2010	0.24	rs3132946
non coding transcript exon variant	2010	0.36	rs3134603
intergenic variant	2007	0.2	rs3134926
intron variant	2010	0.24	rs3134943
intron variant	2010	0.24	rs3134954
regulatory region variant	2010	0.24	rs3135338
intergenic variant	2007	0.16	rs3135342
intergenic variant	2010	0.36	rs3135363
regulatory region variant	2007	0.16	rs3135377
downstream gene variant	2018	0.24	rs3135388
intron variant	2007	0.16	rs3135392
3 prime UTR variant	2007	0.12	rs3177928
missense variant	2011	0.28	rs3197999

intergenic variant	2007	0.08	rs32477
intron variant	2016	0.08	rs338610
intron variant	2019	0.08	rs34286592
intergenic variant	2013	0.08	rs34383631
missense variant	2019	0.4	rs34536443
intron variant	2011	0.08	rs354033
downstream gene variant	2013	0.16	rs35929052
intron variant	2013	0.08	rs35967351
splice region variant	2010	0.08	rs3745672
missense variant	2011	0.2	rs3748816
intron variant	2013	0.08	rs3748817
intron variant	2011	0.2	rs3761847
intron variant	2016	0.32	rs3761959
non coding transcript exon variant	2007	0.2	rs3763307
missense variant	2011	0.28	rs3764147
intron variant	2010	0.08	rs3780792
intron variant	2007	0.28	rs3806156
intron variant	2013	0.08	rs3809006
intron variant	2013	0.36	rs3817963
intron variant	2011	0.36	rs3825932
intron variant	2011	0.16	rs3828309
intron variant	2013	0.08	rs3828840
non coding transcript exon variant	2010	0.2	rs389883
intron variant	2016	0.08	rs394199
upstream gene variant	2015	0.16	rs3957148
upstream gene variant	2011	0.08	rs397020
upstream gene variant	2007	0.08	rs3997982
intergenic variant	2010	0.16	rs404890
upstream gene variant	2011	0.08	rs4075958
downstream gene variant	2011	0.16	rs4085613
3 prime UTR variant	2013	0.08	rs41286801
intron variant	2009	0.2	rs4149576
intron variant	2007	0.08	rs41519045
intron variant	2011	0.16	rs425105
intron variant	2011	0.16	rs4263839
regulatory region variant	2013	0.08	rs4271113
3 prime UTR variant	2016	0.08	rs4285028
intron variant	2011	0.08	rs4308217
missense variant	2010	0.16	rs437179
intron variant	2007	0.08	rs438475
intron variant	2011	0.24	rs4409785
intron variant	2013	0.08	rs4410871

downstream gene variant	2007	0.08	rs4516988
regulatory region variant	2011	0.24	rs4613763
intron variant	2011	0.08	rs4648356
intron variant	2011	0.12	rs4654925
intron variant	2013	0.08	rs4665719
intron variant	2011	0.2	rs4675374
regulatory region variant	2013	0.08	rs4679081
upstream gene variant	2007	0.08	rs4713429
non coding transcript exon variant	2011	0.16	rs4750316
intron variant	2011	0.16	rs4763879
upstream gene variant	2013	0.08	rs4772201
upstream gene variant	2013	0.08	rs4780346
downstream gene variant	2011	0.2	rs4788084
upstream gene variant	2013	0.08	rs4794058
intron variant	2013	0.08	rs4796791
intron variant	2011	0.12	rs4807569
intron variant	2018	0.48	rs4810485
3 prime UTR variant	2011	0.24	rs4819388
intron variant	2007	0.16	rs486416
intergenic variant	2011	0.16	rs4900384
downstream gene variant	2011	0.08	rs4902647
TF binding site variant	2013	0.08	rs4903324
intron variant	2013	0.08	rs4924273
3 prime UTR variant	2019	0.08	rs4925166
intergenic variant	2011	0.12	rs4939490
intron variant	2011	0.16	rs4948088
synonymous variant	2011	0.12	rs495337
intron variant	2010	0.08	rs4953911
intergenic variant	2011	0.12	rs4957048
intron variant	2007	0.2	rs4959093
intron variant	2011	0.12	rs4963128
intron variant	2013	0.2	rs4976646
upstream gene variant	2007	0.24	rs5000563
non coding transcript exon variant	2007	0.08	rs5022119
non coding transcript exon variant	2007	0.08	rs5025315
intron variant	2011	0.16	rs5029937
intron variant	2013	0.08	rs522127
intergenic variant	2019	0.12	rs522308
intron variant	2013	0.12	rs523604
intron variant	2007	0.08	rs528878831
intergenic variant	2007	0.08	rs532834
3 prime UTR variant	2013	0.08	rs533259

upstream gene variant	2013	0.08	rs533646
splice region variant	2010	0.16	rs535586
intron variant	2007	0.2	rs539703
intron variant	2007	0.12	rs544358
intron variant	2011	0.36	rs548234
intron variant	2013	0.08	rs55838263
intron variant	2007	0.2	rs574710
intron variant	2011	0.16	rs5753037
intergenic variant	2013	0.08	rs5756391
missense variant	2011	0.12	rs5771069
regulatory region variant	2013	0.08	rs59772922
non coding transcript exon variant	2011	0.12	rs6017342
intron variant	2013	0.12	rs60600003
intron variant	2019	0.16	rs6062314
upstream gene variant	2013	0.08	rs6072343
upstream gene variant	2017	0.08	rs60733400
TF binding site variant	2013	0.24	rs6074022
intron variant	2011	0.24	rs610604
upstream gene variant	2009	0.12	rs6131010
intergenic variant	2007	0.24	rs615672
missense variant	2016	0.08	rs61731956
intron variant	2010	0.2	rs630379
upstream gene variant	2013	0.08	rs630923
regulatory region variant	2013	0.08	rs6435203
intron variant	2007	0.24	rs644045
intron variant	2011	0.16	rs6445975
missense variant	2010	0.16	rs644827
intergenic variant	2007	0.08	rs6448715
intergenic variant	2015	0.48	rs6457617
intergenic variant	2007	0.2	rs6457620
intergenic variant	2007	0.08	rs6467970
intron variant	2017	0.08	rs6498160
intron variant	2016	0.08	rs6498168
non coding transcript exon variant	2013	0.08	rs6498184
intron variant	2011	0.08	rs650258
intron variant	2011	0.6	rs653178
intron variant	2011	0.32	rs6568431
intron variant	2010	0.16	rs659445
intron variant	2010	0.16	rs660550
intron variant	2013	0.08	rs6659742
downstream gene variant	2016	0.2	rs6662618
intron variant	2013	0.16	rs666930

intron variant	2013	0.08	rs66756607
intron variant	2013	0.08	rs6677309
upstream gene variant	2011	0.32	rs6679677
intron variant	2016	0.08	rs6689470
intron variant	2016	0.08	rs669607
intron variant	2011	0.08	rs6718520
intergenic variant	2013	0.08	rs67297943
missense variant	2019	0.24	rs6793295
regulatory region variant	2011	0.52	rs6822844
intron variant	2016	0.16	rs6859219
intergenic variant	2013	0.08	rs6880778
3 prime UTR variant	2013	0.12	rs6881706
intron variant	2017	0.44	rs6887695
intron variant	2011	0.08	rs6896969
missense variant	2018	0.56	rs6897932
upstream gene variant	2007	0.12	rs6902723
upstream gene variant	2007	0.2	rs6903130
intron variant	2010	0.4	rs6903608
non coding transcript exon variant	2007	0.28	rs6906846
intron variant	2011	0.32	rs6908425
intron variant	2011	0.44	rs6920220
intergenic variant	2007	0.16	rs6936204
upstream gene variant	2013	0.32	rs694739
intron variant	2011	0.2	rs7020673
missense variant	2019	0.24	rs703842
intron variant	2013	0.08	rs706015
intron variant	2011	0.32	rs706778
downstream gene variant	2009	0.08	rs7089861
downstream gene variant	2011	0.08	rs7090512
intron variant	2013	0.08	rs7120737
intron variant	2013	0.08	rs7132277
intergenic variant	2007	0.08	rs7137596
intron variant	2013	0.2	rs71624119
intron variant	2009	0.08	rs7184083
intron variant	2011	0.08	rs7191700
3 prime UTR variant	2007	0.28	rs7194
upstream gene variant	2013	0.08	rs7196953
intron variant	2011	0.2	rs7200786
intergenic variant	2011	0.16	rs7202877
intergenic variant	2013	0.08	rs7204270
intergenic variant	2011	0.16	rs7221109
intron variant	2011	0.08	rs7238078

intron variant	2011	0.08	rs7255066
intron variant	2013	0.08	rs727098
intron variant	2013	0.36	rs72928038
intergenic variant	2013	0.08	rs731089
intron variant	2013	0.08	rs733724
intron variant	2010	0.08	rs7382297
intron variant	2011	0.2	rs743777
intron variant	2012	0.56	rs744166
intron variant	2007	0.44	rs7453920
intron variant	2013	0.08	rs74796499
intron variant	2007	0.08	rs7517698
intron variant	2011	0.08	rs7522462
non coding transcript exon variant	2016	0.08	rs7535818
intergenic variant	2013	0.08	rs7552544
upstream gene variant	2013	0.08	rs756699
intron variant	2011	0.72	rs7574865
regulatory region variant	2011	0.08	rs7592330
regulatory region variant	2019	0.08	rs7595037
upstream gene variant	2013	0.08	rs7595717
intron variant	2013	0.08	rs759648
intron variant	2007	0.08	rs760293
intron variant	2011	0.36	rs762421
missense variant	2018	0.52	rs763361
downstream gene variant	2013	0.28	rs7665090
intron variant	2011	0.4	rs7708392
regulatory region variant	2016	0.08	rs771767
regulatory region variant	2011	0.16	rs7746082
intergenic variant	2007	0.2	rs7756262
intron variant	2007	0.16	rs7768538
regulatory region variant	2013	0.08	rs7769192
intron variant	2011	0.16	rs7804356
regulatory region variant	2011	0.12	rs7809799
intergenic variant	2013	0.16	rs7923837
intron variant	2013	0.08	rs7924357
upstream gene variant	2011	0.32	rs7927894
intron variant	2013	0.16	rs793108
intron variant	2010	0.08	rs794185
intergenic variant	2019	0.16	rs8021741
intergenic variant	2019	0.28	rs802734
intron variant	2016	0.08	rs8042861
intron variant	2011	0.12	rs8049439
intergenic variant	2009	0.08	rs8049603

intron variant	2019	0.16	rs806321
intron variant	2013	0.08	rs806349
intron variant	2013	0.08	rs8070345
upstream gene variant	2011	0.12	rs8070463
intron variant	2013	0.08	rs8107548
intron variant	2011	0.16	rs8112449
intergenic variant	2007	0.08	rs841503
intron variant	2013	0.08	rs842639
intron variant	2011	0.24	rs849142
downstream gene variant	2011	0.16	rs874040
missense variant	2011	0.08	rs874628
intergenic variant	2009	0.08	rs882300
intron variant	2007	0.4	rs910049
intron variant	2007	0.12	rs910050
intron variant	2013	0.08	rs917116
downstream gene variant	2011	0.48	rs917997
upstream gene variant	2011	0.08	rs9260489
intron variant	2010	0.32	rs926070
upstream gene variant	2007	0.08	rs9262615
intron variant	2007	0.08	rs9262635
intron variant	2007	0.08	rs9262636
intron variant	2007	0.08	rs9263804
intron variant	2007	0.2	rs926591
downstream gene variant	2018	0.24	rs9267649
intron variant	2010	0.24	rs9267658
intergenic variant	2010	0.16	rs9267873
regulatory region variant	2007	0.2	rs9267954
intergenic variant	2007	0.2	rs9267971
upstream gene variant	2010	0.24	rs9267992
intron variant	2007	0.2	rs9268402
intron variant	2007	0.24	rs9268403
intron variant	2007	0.08	rs9268418
intron variant	2007	0.16	rs9268429
synonymous variant	2007	0.2	rs9268480
intergenic variant	2007	0.2	rs9268557
intergenic variant	2007	0.2	rs9268560
intron variant	2007	0.36	rs9268645
non coding transcript exon variant	2007	0.28	rs9268831
non coding transcript exon variant	2010	0.16	rs9268832
intron variant	2007	0.44	rs9268853
intron variant	2007	0.2	rs9268858
intron variant	2007	0.2	rs9268877

intergenic variant	2007	0.16	rs9270986
intergenic variant	2010	0.24	rs9271366
upstream gene variant	2019	0.12	rs9271640
intron variant	2007	0.32	rs9272346
downstream gene variant	2007	0.2	rs9275418
upstream gene variant	2007	0.16	rs9275523
upstream gene variant	2013	0.08	rs9275563
upstream gene variant	2007	0.36	rs9275572
downstream gene variant	2007	0.16	rs9275765
downstream gene variant	2007	0.16	rs9275772
downstream gene variant	2007	0.16	rs9275793
intron variant	2007	0.08	rs9276429
intron variant	2007	0.08	rs9276431
intron variant	2007	0.08	rs9276432
3 prime UTR variant	2007	0.12	rs9276440
splice region variant	2018	0.08	rs9282641
3 prime UTR variant	2013	0.08	rs9283487
intron variant	2011	0.2	rs9286879
regulatory region variant	2012	0.12	rs9292777
downstream gene variant	2007	0.16	rs9296009
upstream gene variant	2007	0.08	rs9296044
intron variant	2011	0.08	rs931555
intron variant	2013	0.08	rs9320598
intron variant	2011	0.16	rs934734
intron variant	2013	0.08	rs9355260
intron variant	2007	0.2	rs9368716
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intron variant	2007	0.08	rs9391858
intron variant	2013	0.08	rs941816
intron variant	2016	0.08	rs942637
downstream gene variant	2007	0.36	rs9461799
TF binding site variant	2007	0.16	rs9469220
downstream gene variant	2007	0.12	rs9469240
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intergenic variant	2013	0.08	rs9568281
intron variant	2011	0.08	rs9596270
intron variant	2017	0.16	rs9657904
intergenic variant	2013	0.08	rs9736016
intergenic variant	2011	0.2	rs9792269
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missense variant	2013	0.4	rs9808753
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intergenic variant	2011	0.12	rs9901869
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Source.Name	disease_semantic_type	variant_consequence_type
rs1004446	Disease or Syndrome	intron variant
rs1004446	Laboratory Procedure	intron variant
rs10045431	Disease or Syndrome	intron variant
rs10045431	Disease or Syndrome	intron variant
rs1036207	Laboratory Procedure	intron variant
rs1036207	Laboratory Procedure	intron variant
rs10411936	Laboratory Procedure	intron variant
rs10411936	Laboratory Procedure	intron variant
rs10488631	Disease or Syndrome	upstream gene variant
rs10488631	Disease or Syndrome	upstream gene variant
rs10488631	Disease or Syndrome	upstream gene variant
rs10488631	Disease or Syndrome	upstream gene variant
rs10488631	Disease or Syndrome	upstream gene variant
rs10488631	Disease or Syndrome	upstream gene variant
rs10488631	Disease or Syndrome	upstream gene variant
rs10488631	Disease or Syndrome	upstream gene variant
rs10488631	Disease or Syndrome	upstream gene variant
rs10499194	Disease or Syndrome	intron variant
rs10500264	Disease or Syndrome	intergenic variant
rs10509540	Disease or Syndrome	upstream gene variant
rs10516487	Disease or Syndrome	missense variant
rs10517086	Disease or Syndrome	intron variant
rs10758669	Disease or Syndrome	upstream gene variant
rs10758669	Disease or Syndrome	upstream gene variant
rs10758669	Disease or Syndrome	upstream gene variant
rs10758669	Disease or Syndrome	upstream gene variant
rs10758669	Disease or Syndrome	upstream gene variant
rs10758669	Disease or Syndrome	upstream gene variant
rs10758669	Disease or Syndrome	upstream gene variant
rs10797431	Disease or Syndrome	non coding transcript exon vari
rs10797431	Finding	non coding transcript exon vari
rs10797431	Disease or Syndrome	non coding transcript exon vari
rs10797431	Disease or Syndrome	non coding transcript exon vari
rs10800309	Disease or Syndrome	upstream gene variant
rs10800309	Disease or Syndrome	upstream gene variant
rs10806425	Disease or Syndrome	intron variant
rs10806425	Disease or Syndrome	intron variant
rs10806425	Disease or Syndrome	intron variant
rs10806425	Disease or Syndrome	intron variant
rs10806425	Neoplastic Process	intron variant
rs10903122	Disease or Syndrome	intergenic variant

rs10903122	Disease or Syndrome	intergenic variant
rs10903122	Disease or Syndrome	intergenic variant
rs10903122	Disease or Syndrome	intergenic variant
rs10936599	Neoplastic Process	synonymous variant
rs10936599	Neoplastic Process	synonymous variant
rs10936599	Neoplastic Process	synonymous variant
rs10936599	Disease or Syndrome	synonymous variant
rs10936599	Neoplastic Process	synonymous variant
rs10936599	Neoplastic Process	synonymous variant
rs10936599	Neoplastic Process	synonymous variant
rs10936599	Neoplastic Process	synonymous variant
rs10936599	Finding	synonymous variant
rs10936599	Neoplastic Process	synonymous variant
rs10936599	Finding	synonymous variant
rs10936599	Neoplastic Process	synonymous variant
rs10936599	Finding	synonymous variant
rs10936599	Disease or Syndrome	synonymous variant
rs10936599	Neoplastic Process	synonymous variant
rs10936599	Finding	synonymous variant
rs10936599	Disease or Syndrome	synonymous variant
rs10995271	Disease or Syndrome	downstream gene variant
rs10995271	Disease or Syndrome	downstream gene variant
rs10995271	Disease or Syndrome	downstream gene variant
rs10995271	Disease or Syndrome	downstream gene variant
rs10995271	Disease or Syndrome	downstream gene variant
rs10995271	Disease or Syndrome	downstream gene variant
rs1107345	Neoplastic Process	intron variant
rs11154801	Disease or Syndrome	intron variant
rs11175593	Disease or Syndrome	non coding transcript exon vari
rs11175593	Disease or Syndrome	non coding transcript exon vari
rs11190140	Disease or Syndrome	upstream gene variant
rs11190140	Disease or Syndrome	upstream gene variant
rs11190140	Disease or Syndrome	upstream gene variant
rs11221332	Disease or Syndrome	intron variant
rs11221332	Disease or Syndrome	intron variant
rs11221332	Disease or Syndrome	intron variant
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rs11221332	Disease or Syndrome	intron variant
rs11221332	Disease or Syndrome	intron variant
rs11221332	Disease or Syndrome	intron variant
rs11221332	Diagnostic Procedure	intron variant

rs11221332	Disease or Syndrome	intron variant
rs11221332	Disease or Syndrome	intron variant
rs1131265	Disease or Syndrome	stop lost
rs1131265	Disease or Syndrome	stop lost
rs1132200	Disease or Syndrome	missense variant
rs11465804	Disease or Syndrome	intron variant
rs11465804	Disease or Syndrome	intron variant
rs11584383	Disease or Syndrome	downstream gene variant
rs11584383	Disease or Syndrome	downstream gene variant
rs11584383	Disease or Syndrome	downstream gene variant
rs11586238	Disease or Syndrome	regulatory region variant
rs11586238	Disease or Syndrome	regulatory region variant
rs11586238	Disease or Syndrome	regulatory region variant
rs11621145	Finding	intron variant
rs11621145	Laboratory Procedure	intron variant
rs11676922	Disease or Syndrome	intron variant
rs11676922	Disease or Syndrome	intron variant
rs11676922	Disease or Syndrome	intron variant
rs11712165	Disease or Syndrome	intron variant
rs11712165	Disease or Syndrome	intron variant
rs11712165	Disease or Syndrome	intron variant
rs11712165	Disease or Syndrome	intron variant
rs11747270	Disease or Syndrome	intron variant
rs11747270	Disease or Syndrome	intron variant
rs11755527	Disease or Syndrome	intron variant
rs11755527	Laboratory Procedure	intron variant
rs11755527	Disease or Syndrome	intron variant
rs11755724	Disease or Syndrome	intron variant
rs11755724	Neoplastic Process	intron variant
rs11755724	Neoplastic Process	intron variant
rs11755724	Disease or Syndrome	intron variant
rs11755724	Diagnostic Procedure	intron variant
rs11755724	Disease or Syndrome	intron variant
rs11860650	Disease or Syndrome	intron variant
rs11860650	Disease or Syndrome	intron variant
rs11949767	Laboratory Procedure	upstream gene variant
rs11949767	Laboratory Procedure	upstream gene variant
rs1250550	Disease or Syndrome	intron variant
rs1250550	Disease or Syndrome	intron variant
rs1250550	Neoplastic Process	intron variant
rs1250550	Disease or Syndrome	intron variant
rs1250552	Disease or Syndrome	intron variant

rs1250552	Disease or Syndrome	intron variant
rs1250552	Disease or Syndrome	intron variant
rs1250552	Disease or Syndrome	intron variant
rs12708716	Disease or Syndrome	intron variant
rs12708716	Disease or Syndrome	intron variant
rs12708716	Laboratory Procedure	intron variant
rs12722489	Disease or Syndrome	intron variant
rs1292034	Neoplastic Process	intron variant
rs1292034	Neoplastic Process	intron variant
rs12927355	Disease or Syndrome	intron variant
rs12927355	Disease or Syndrome	intron variant
rs12928822	Disease or Syndrome	intron variant
rs12928822	Disease or Syndrome	intron variant
rs12928822	Disease or Syndrome	intron variant
rs12928822	Disease or Syndrome	intron variant
rs12946510	Disease or Syndrome	downstream gene variant
rs12946510	Disease or Syndrome	downstream gene variant
rs12946510	Disease or Syndrome	downstream gene variant
rs12988804	Finding	intron variant
rs13003464	Disease or Syndrome	intron variant
rs13003464	Disease or Syndrome	intron variant
rs13003464	Disease or Syndrome	intron variant
rs13003464	Disease or Syndrome	intron variant
rs13003464	Disease or Syndrome	intron variant
rs13003464	Disease or Syndrome	intron variant
rs13010713	Disease or Syndrome	intron variant
rs13010713	Disease or Syndrome	intron variant
rs13010713	Disease or Syndrome	intron variant
rs13010713	Disease or Syndrome	intron variant
rs13017599	Disease or Syndrome	non coding transcript exon vari
rs13017599	Disease or Syndrome	non coding transcript exon vari
rs13098911	Disease or Syndrome	intron variant
rs13098911	Disease or Syndrome	intron variant
rs13098911	Disease or Syndrome	intron variant
rs13098911	Disease or Syndrome	intron variant
rs13151961	Disease or Syndrome	intron variant
rs13151961	Disease or Syndrome	intron variant
rs13151961	Disease or Syndrome	intron variant
rs13151961	Disease or Syndrome	intron variant
rs1323292	Neoplastic Process	intron variant
rs1323292	Neoplastic Process	intron variant
rs13314993	Disease or Syndrome	regulatory region variant

rs13314993	Disease or Syndrome	regulatory region variant
rs13314993	Disease or Syndrome	regulatory region variant
rs13314993	Disease or Syndrome	regulatory region variant
rs13315591	Disease or Syndrome	intron variant
rs13315591	Disease or Syndrome	intron variant
rs13315591	Disease or Syndrome	intron variant
rs1359062	Disease or Syndrome	intron variant
rs1398607	Laboratory Procedure	TF binding site variant
rs140522	Laboratory or Test Result	upstream gene variant
rs140522	Laboratory Procedure	upstream gene variant
rs140522	Neoplastic Process	upstream gene variant
rs140522	Neoplastic Process	upstream gene variant
rs140522	Laboratory or Test Result	upstream gene variant
rs140522	Laboratory Procedure	upstream gene variant
rs140522	Neoplastic Process	upstream gene variant
rs140522	Laboratory or Test Result	upstream gene variant
rs140522	Laboratory Procedure	upstream gene variant
rs140522	Finding	upstream gene variant
rs1456893	Disease or Syndrome	intron variant
rs1456893	Disease or Syndrome	intron variant
rs1464510	Disease or Syndrome	intron variant
rs1464510	Disease or Syndrome	intron variant
rs1464510	Disease or Syndrome	intron variant
rs1464510	Disease or Syndrome	intron variant
rs1464510	Disease or Syndrome	intron variant
rs1464510	Pathologic Function	intron variant
rs1465788	Disease or Syndrome	upstream gene variant
rs151719	Disease or Syndrome	non coding transcript exon vari
rs1534422	Disease or Syndrome	intron variant
rs1534422	Disease or Syndrome	intron variant
rs1534422	Disease or Syndrome	intron variant
rs1551398	Disease or Syndrome	intron variant
rs1551398	Disease or Syndrome	intron variant
rs1558744	Disease or Syndrome	intron variant
rs1569723	Disease or Syndrome	upstream gene variant
rs1569723	Disease or Syndrome	upstream gene variant
rs1569723	Disease or Syndrome	upstream gene variant
rs1569723	Mental Process	upstream gene variant
rs1569723	Disease or Syndrome	upstream gene variant
rs16978630	Neoplastic Process	missense variant
rs17035378	Disease or Syndrome	intron variant
rs17035378	Disease or Syndrome	intron variant

rs17035378	Disease or Syndrome	intron variant
rs17035378	Disease or Syndrome	intron variant
rs17119	Disease or Syndrome	intron variant
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rs17119	Disease or Syndrome	intron variant
rs1728785	Disease or Syndrome	intron variant
rs1736135	Disease or Syndrome	intron variant
rs1736135	Disease or Syndrome	intron variant
rs1736135	Disease or Syndrome	intron variant
rs1738074	Disease or Syndrome	5 prime UTR variant
rs1738074	Disease or Syndrome	5 prime UTR variant
rs1738074	Disease or Syndrome	5 prime UTR variant
rs1738074	Disease or Syndrome	5 prime UTR variant
rs17388568	Disease or Syndrome	intron variant
rs17388568	Pathologic Function	intron variant
rs17421624	Disease or Syndrome	intron variant
rs17445836	Laboratory Procedure	intron variant
rs17519972	Laboratory Procedure	intron variant
rs17582416	Disease or Syndrome	regulatory region variant
rs17582416	Disease or Syndrome	regulatory region variant
rs17696736	Disease or Syndrome	intron variant
rs17696736	Disease or Syndrome	intron variant
rs17696736	Disease or Syndrome	intron variant
rs17696736	Laboratory Procedure	intron variant
rs17696736	Laboratory Procedure	intron variant
rs17696736	Laboratory Procedure	intron variant
rs17696736	Laboratory or Test Result	intron variant
rs17696736	Diagnostic Procedure	intron variant
rs17696736	Congenital Abnormality	intron variant
rs17696736	Laboratory Procedure	intron variant
rs17696736	Laboratory Procedure	intron variant
rs17696736	Clinical Attribute	intron variant
rs17696736	Clinical Attribute	intron variant
rs17696736	Individual Behavior	intron variant
rs17696736	Finding	intron variant
rs17696736	Disease or Syndrome	intron variant
rs17696736	Laboratory Procedure	intron variant
rs17728338	Disease or Syndrome	downstream gene variant
rs17728338	Disease or Syndrome	downstream gene variant
rs17810546	Disease or Syndrome	intron variant
rs17810546	Disease or Syndrome	intron variant
rs17810546	Disease or Syndrome	intron variant

rs17810546	Disease or Syndrome	intron variant
rs17810546	Disease or Syndrome	intron variant
rs1800693	Disease or Syndrome	non coding transcript exon vari
rs1800693	Disease or Syndrome	non coding transcript exon vari
rs189139	Disease or Syndrome	intron variant
rs1893217	Disease or Syndrome	intron variant
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rs1893217	Disease or Syndrome	intron variant
rs1893217	Finding	intron variant
rs1920296	Laboratory Procedure	intron variant
rs1980422	Disease or Syndrome	intergenic variant
rs1980422	Disease or Syndrome	intergenic variant
rs1990760	Disease or Syndrome	missense variant
rs1990760	Disease or Syndrome	missense variant
rs1990760	Disease or Syndrome	missense variant
rs1990760	Disease or Syndrome	missense variant
rs1990760	Laboratory Procedure	missense variant
rs1990760	Disease or Syndrome	missense variant
rs1990760	Disease or Syndrome	missense variant
rs1990760	Laboratory Procedure	missense variant
rs1990760	Laboratory Procedure	missense variant
rs2019960	Neoplastic Process	intron variant
rs2040406	Disease or Syndrome	intron variant
rs2040406	Neoplastic Process	intron variant
rs2050568	Disease or Syndrome	intron variant
rs2051549	Disease or Syndrome	intron variant
rs2051549	Disease or Syndrome	intron variant
rs2051549	Disease or Syndrome	intron variant
rs20541	Disease or Syndrome	missense variant
rs20541	Neoplastic Process	missense variant
rs20541	Disease or Syndrome	missense variant
rs20541	Pathologic Function	missense variant
rs20541	Disease or Syndrome	missense variant
rs20541	Finding	missense variant
rs20541	Finding	missense variant

rs2066808	Disease or Syndrome	intron variant
rs2066808	Organism Attribute	intron variant
rs2072633	Disease or Syndrome	3 prime UTR variant
rs2072633	Disease or Syndrome	3 prime UTR variant
rs2073723	Disease or Syndrome	intron variant
rs2076530	Disease or Syndrome	missense variant
rs2076530	Disease or Syndrome	missense variant
rs2076530	Disease or Syndrome	missense variant
rs2076530	Finding	missense variant
rs2076530	Disease or Syndrome	missense variant
rs2076533	Disease or Syndrome	intron variant
rs2076533	Disease or Syndrome	intron variant
rs2082412	Disease or Syndrome	downstream gene variant
rs210131	Clinical Attribute	intron variant
rs2104286	Disease or Syndrome	intron variant
rs2104286	Disease or Syndrome	intron variant
rs2104286	Disease or Syndrome	intron variant
rs2104286	Disease or Syndrome	intron variant
rs2104286	Disease or Syndrome	intron variant
rs2104286	Disease or Syndrome	intron variant
rs212389	Disease or Syndrome	non coding transcript exon vari
rs212389	Disease or Syndrome	non coding transcript exon vari
rs212389	Disease or Syndrome	non coding transcript exon vari
rs2157051	Disease or Syndrome	regulatory region variant
rs2188962	Disease or Syndrome	intron variant
rs2188962	Disease or Syndrome	intron variant
rs2188962	Clinical Attribute	intron variant
rs2188962	Disease or Syndrome	intron variant
rs2201841	Disease or Syndrome	intron variant
rs2201841	Disease or Syndrome	intron variant
rs2201841	Disease or Syndrome	intron variant
rs2205960	Disease or Syndrome	intergenic variant
rs2205986	Disease or Syndrome	intron variant
rs2227127	Disease or Syndrome	intron variant
rs2227956	Disease or Syndrome	missense variant
rs2227956	Disease or Syndrome	missense variant
rs2227956	Disease or Syndrome	missense variant
rs2236262	Clinical Attribute	intron variant
rs2242665	Disease or Syndrome	missense variant
rs2242665	Disease or Syndrome	missense variant
rs2274910	Disease or Syndrome	non coding transcript exon vari
rs2274910	Disease or Syndrome	non coding transcript exon vari

rs2281808	Disease or Syndrome	intron variant
rs2281808	Laboratory Procedure	intron variant
rs228614	Disease or Syndrome	intron variant
rs2288904	Disease or Syndrome	missense variant
rs2290400	Disease or Syndrome	intron variant
rs2290400	Disease or Syndrome	intron variant
rs2290400	Neoplastic Process	intron variant
rs2290400	Disease or Syndrome	intron variant
rs2290400	Disease or Syndrome	intron variant
rs2290400	Pathologic Function	intron variant
rs2292239	Disease or Syndrome	intron variant
rs2292239	Disease or Syndrome	intron variant
rs2292239	Disease or Syndrome	intron variant
rs2292239	Laboratory Procedure	intron variant
rs2293370	Disease or Syndrome	intron variant
rs2293370	Disease or Syndrome	intron variant
rs229541	Disease or Syndrome	intron variant
rs229541	Disease or Syndrome	intron variant
rs229541	Finding	intron variant
rs229541	Disease or Syndrome	intron variant
rs229541	Disease or Syndrome	intron variant
rs229541	Disease or Syndrome	intron variant
rs2300747	Disease or Syndrome	intron variant
rs2301436	Disease or Syndrome	intron variant
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rs2301436	Disease or Syndrome	intron variant
rs2305480	Disease or Syndrome	missense variant
rs2305480	Disease or Syndrome	missense variant
rs2305480	Disease or Syndrome	missense variant
rs2305480	Disease or Syndrome	missense variant
rs2305480	Disease or Syndrome	missense variant
rs2305480	Pathologic Function	missense variant
rs2315008	Disease or Syndrome	intron variant
rs2315008	Laboratory Procedure	intron variant
rs2327832	Disease or Syndrome	intergenic variant
rs2327832	Disease or Syndrome	intergenic variant
rs2327832	Disease or Syndrome	intergenic variant
rs2327832	Disease or Syndrome	intergenic variant

rs2327832	Disease or Syndrome	intergenic variant
rs2327832	Disease or Syndrome	intergenic variant
rs2371108	Laboratory Procedure	downstream gene variant
rs2395173	Disease or Syndrome	upstream gene variant
rs2395173	Disease or Syndrome	upstream gene variant
rs2395182	Disease or Syndrome	downstream gene variant
rs2395182	Disease or Syndrome	downstream gene variant
rs2395182	Disease or Syndrome	downstream gene variant
rs2395182	Disease or Syndrome	downstream gene variant
rs2412973	Disease or Syndrome	intron variant
rs241403	Disease or Syndrome	downstream gene variant
rs241427	Disease or Syndrome	intron variant
rs2425752	Neoplastic Process	intron variant
rs2425752	Neoplastic Process	intron variant
rs2425752	Neoplastic Process	intron variant
rs2431697	Disease or Syndrome	intron variant
rs2431697	Disease or Syndrome	intron variant
rs2454138	Disease or Syndrome	intergenic variant
rs2454138	Laboratory Procedure	intergenic variant
rs2456449	Neoplastic Process	intron variant
rs2456449	Neoplastic Process	intron variant
rs2476601	Disease or Syndrome	missense variant
rs2476601	Disease or Syndrome	missense variant
rs2476601	Disease or Syndrome	missense variant
rs2476601	Disease or Syndrome	missense variant
rs2476601	Disease or Syndrome	missense variant
rs2476601	Disease or Syndrome	missense variant
rs2476601	Disease or Syndrome	missense variant
rs2476601	Disease or Syndrome	missense variant
rs2476601	Disease or Syndrome	missense variant
rs2476601	Disease or Syndrome	missense variant
rs2476601	Disease or Syndrome	missense variant
rs2476601	Disease or Syndrome	missense variant
rs2476601	Disease or Syndrome	missense variant
rs2476601	Disease or Syndrome	missense variant
rs2476601	Disease or Syndrome	missense variant
rs2476601	Disease or Syndrome	missense variant
rs2476601	Disease or Syndrome	missense variant
rs2476601	Disease or Syndrome	missense variant
rs2476601	Disease or Syndrome	missense variant
rs2476601	Disease or Syndrome	missense variant
rs2476601	Neoplastic Process	missense variant

rs2476601	Neoplastic Process	missense variant
rs2476601	Laboratory Procedure	missense variant
rs2476601	Disease or Syndrome	missense variant
rs2476601	Disease or Syndrome	missense variant
rs2476601	Laboratory Procedure	missense variant
rs2476601	Finding	missense variant
rs2476601	Finding	missense variant
rs2476601	Laboratory Procedure	missense variant
rs2476601	Disease or Syndrome	missense variant
rs2476601	Laboratory Procedure	missense variant
rs2476601	Laboratory Procedure	missense variant
rs2476601	Neoplastic Process	missense variant
rs2476601	Neoplastic Process	missense variant
rs2476601	Laboratory Procedure	missense variant
rs2476601	Disease or Syndrome	missense variant
rs2476601	Laboratory Procedure	missense variant
rs2476601	Disease or Syndrome	missense variant
rs2523535	Disease or Syndrome	intron variant
rs2523535	Finding	intron variant
rs2523535	Finding	intron variant
rs2523535	Finding	intron variant
rs2523535	Finding	intron variant
rs2523535	Disease or Syndrome	intron variant
rs2524089	Disease or Syndrome	intron variant
rs2524089	Laboratory Procedure	intron variant
rs2524095	Disease or Syndrome	intron variant
rs2542151	Disease or Syndrome	upstream gene variant
rs2542151	Disease or Syndrome	upstream gene variant
rs2542151	Disease or Syndrome	upstream gene variant
rs2542151	Disease or Syndrome	upstream gene variant
rs2542151	Laboratory Procedure	upstream gene variant
rs2546890	Disease or Syndrome	non coding transcript exon vari
rs2546890	Disease or Syndrome	non coding transcript exon vari
rs2596571	Neoplastic Process	upstream gene variant
rs2621383	Disease or Syndrome	intergenic variant
rs2621384	Disease or Syndrome	intergenic variant
rs26232	Disease or Syndrome	intron variant
rs26232	Disease or Syndrome	intron variant
rs26232	Disease or Syndrome	intron variant
rs2647046	Disease or Syndrome	TF binding site variant
rs2647046	Disease or Syndrome	TF binding site variant
rs2688608	Disease or Syndrome	regulatory region variant

rs2736172	Disease or Syndrome	non coding transcript exon vari
rs2736172	Finding	non coding transcript exon vari
rs2736172	Finding	non coding transcript exon vari
rs2736172	Finding	non coding transcript exon vari
rs2736172	Finding	non coding transcript exon vari
rs2736340	Disease or Syndrome	upstream gene variant
rs2736340	Disease or Syndrome	upstream gene variant
rs2736340	Disease or Syndrome	upstream gene variant
rs2736340	Disease or Syndrome	upstream gene variant
rs2736340	Disease or Syndrome	upstream gene variant
rs2736340	Disease or Syndrome	upstream gene variant
rs2777899	Neoplastic Process	intron variant
rs2777899	Neoplastic Process	intron variant
rs2777899	Neoplastic Process	intron variant
rs2816316	Disease or Syndrome	intron variant
rs2816316	Disease or Syndrome	intron variant
rs2816316	Disease or Syndrome	intron variant
rs2816316	Disease or Syndrome	intron variant
rs2836878	Disease or Syndrome	intergenic variant
rs2836878	Laboratory Procedure	intergenic variant
rs2836878	Disease or Syndrome	intergenic variant
rs2836878	Disease or Syndrome	intergenic variant
rs2836878	Laboratory Procedure	intergenic variant
rs2849015	Disease or Syndrome	intergenic variant
rs2857161	Disease or Syndrome	intergenic variant
rs2872507	Disease or Syndrome	intergenic variant
rs2872507	Disease or Syndrome	intergenic variant
rs2872507	Disease or Syndrome	intergenic variant
rs2872507	Disease or Syndrome	intergenic variant
rs2872507	Disease or Syndrome	intergenic variant
rs2872507	Pathologic Function	intergenic variant
rs2894249	Disease or Syndrome	intron variant
rs290986	Laboratory Procedure	upstream gene variant
rs2935183	Disease or Syndrome	intron variant
rs296547	Disease or Syndrome	intron variant
rs296547	Disease or Syndrome	intron variant
rs296547	Disease or Syndrome	intron variant
rs296547	Disease or Syndrome	intron variant
rs3024505	Disease or Syndrome	upstream gene variant
rs3024505	Disease or Syndrome	upstream gene variant
rs3024505	Disease or Syndrome	upstream gene variant
rs3024505	Disease or Syndrome	upstream gene variant

rs3024505	Disease or Syndrome	upstream gene variant
rs3024505	Laboratory Procedure	upstream gene variant
rs307896	Laboratory Procedure	intron variant
rs3087243	Disease or Syndrome	downstream gene variant
rs3087243	Disease or Syndrome	downstream gene variant
rs3087243	Disease or Syndrome	downstream gene variant
rs3087243	Disease or Syndrome	downstream gene variant
rs3087243	Finding	downstream gene variant
rs3087243	Disease or Syndrome	downstream gene variant
rs3087243	Finding	downstream gene variant
rs3087243	Disease or Syndrome	downstream gene variant
rs3087243	Disease or Syndrome	downstream gene variant
rs3087243	Laboratory Procedure	downstream gene variant
rs3087243	Finding	downstream gene variant
rs3093023	Disease or Syndrome	intron variant
rs3093023	Disease or Syndrome	intron variant
rs3093023	Disease or Syndrome	intron variant
rs3094609	Finding	non coding transcript exon vari
rs3094609	Finding	non coding transcript exon vari
rs3094609	Finding	non coding transcript exon vari
rs3094609	Finding	non coding transcript exon vari
rs3101942	Disease or Syndrome	intergenic variant
rs3101942	Disease or Syndrome	intergenic variant
rs3104373	Disease or Syndrome	intron variant
rs3115576	Disease or Syndrome	intergenic variant
rs3115576	Disease or Syndrome	intergenic variant
rs3117098	Disease or Syndrome	non coding transcript exon vari
rs3117098	Disease or Syndrome	non coding transcript exon vari
rs3117098	Disease or Syndrome	non coding transcript exon vari
rs3118470	Disease or Syndrome	intron variant
rs3129720	Disease or Syndrome	intergenic variant
rs3129720	Disease or Syndrome	intergenic variant
rs3129720	Disease or Syndrome	intergenic variant
rs3129768	Disease or Syndrome	upstream gene variant
rs3129768	Disease or Syndrome	upstream gene variant
rs3129768	Disease or Syndrome	upstream gene variant
rs3129871	Disease or Syndrome	upstream gene variant
rs3129871	Disease or Syndrome	upstream gene variant
rs3129871	Disease or Syndrome	upstream gene variant
rs3129871	Disease or Syndrome	upstream gene variant
rs3129872	Disease or Syndrome	upstream gene variant
rs3129877	Disease or Syndrome	intron variant

rs3129882	Disease or Syndrome	intron variant
rs3129882	Disease or Syndrome	intron variant
rs3129882	Neoplastic Process	intron variant
rs3129882	Disease or Syndrome	intron variant
rs3129900	Disease or Syndrome	intron variant
rs3129900	Disease or Syndrome	intron variant
rs3129932	Laboratory Procedure	intron variant
rs3129932	Disease or Syndrome	intron variant
rs3129934	Disease or Syndrome	intron variant
rs3129941	Disease or Syndrome	missense variant
rs3129941	Disease or Syndrome	missense variant
rs3130000	Disease or Syndrome	non coding transcript exon vari
rs3130050	Disease or Syndrome	intron variant
rs3130050	Disease or Syndrome	intron variant
rs3130299	Disease or Syndrome	regulatory region variant
rs3130299	Disease or Syndrome	regulatory region variant
rs3130299	Disease or Syndrome	regulatory region variant
rs3130311	Disease or Syndrome	intergenic variant
rs3130311	Disease or Syndrome	intergenic variant
rs3130320	Disease or Syndrome	intron variant
rs3130320	Disease or Syndrome	intron variant
rs3130320	Laboratory Procedure	intron variant
rs3130320	Disease or Syndrome	intron variant
rs3130501	Disease or Syndrome	intron variant
rs3130501	Disease or Syndrome	intron variant
rs3130501	Disease or Syndrome	intron variant
rs3130558	Finding	intron variant
rs3130558	Finding	intron variant
rs3130558	Finding	intron variant
rs3130558	Finding	intron variant
rs3130564	Disease or Syndrome	intron variant
rs3130564	Disease or Syndrome	intron variant
rs3130564	Disease or Syndrome	intron variant
rs3130564	Disease or Syndrome	intron variant
rs3130564	Disease or Syndrome	intron variant
rs3130564	Neoplastic Process	intron variant
rs3130933	Disease or Syndrome	intron variant
rs3130975	Finding	upstream gene variant
rs3130975	Finding	upstream gene variant
rs3130975	Finding	upstream gene variant
rs3130975	Finding	upstream gene variant
rs3130981	Finding	missense variant

rs3130981	Finding	missense variant
rs3130981	Finding	missense variant
rs3130981	Finding	missense variant
rs3131009	Finding	intron variant
rs3131009	Finding	intron variant
rs3131009	Finding	intron variant
rs3131009	Finding	intron variant
rs3132486	Disease or Syndrome	intron variant
rs3132524	Disease or Syndrome	intron variant
rs3132946	Disease or Syndrome	intron variant
rs3132946	Disease or Syndrome	intron variant
rs3134603	Disease or Syndrome	non coding transcript exon vari
rs3134603	Disease or Syndrome	non coding transcript exon vari
rs3134603	Neoplastic Process	non coding transcript exon vari
rs3134926	Disease or Syndrome	intergenic variant
rs3134926	Disease or Syndrome	intergenic variant
rs3134943	Disease or Syndrome	intron variant
rs3134943	Disease or Syndrome	intron variant
rs3134954	Diagnostic Procedure	intron variant
rs3134954	Disease or Syndrome	intron variant
rs3134954	Disease or Syndrome	intron variant
rs3135338	Disease or Syndrome	regulatory region variant
rs3135338	Disease or Syndrome	regulatory region variant
rs3135342	Disease or Syndrome	intergenic variant
rs3135363	Disease or Syndrome	intergenic variant
rs3135363	Disease or Syndrome	intergenic variant
rs3135363	Disease or Syndrome	intergenic variant
rs3135363	Neoplastic Process	intergenic variant
rs3135377	Disease or Syndrome	regulatory region variant
rs3135392	Disease or Syndrome	intron variant
rs3177928	Laboratory Procedure	3 prime UTR variant
rs3177928	Laboratory Procedure	3 prime UTR variant
rs3177928	Pathologic Function	3 prime UTR variant
rs3177928	Laboratory Procedure	3 prime UTR variant
rs3177928	Laboratory Procedure	3 prime UTR variant
rs3197999	Disease or Syndrome	missense variant
rs3197999	Disease or Syndrome	missense variant
rs3197999	Disease or Syndrome	missense variant
rs3197999	Disease or Syndrome	missense variant
rs3197999	Disease or Syndrome	missense variant
rs3197999	Disease or Syndrome	missense variant
rs3197999	Laboratory Procedure	missense variant

rs3197999	Disease or Syndrome	missense variant
rs3197999	Disease or Syndrome	missense variant
rs338610	Laboratory Procedure	intron variant
rs34536443	Disease or Syndrome	missense variant
rs34536443	Disease or Syndrome	missense variant
rs34536443	Disease or Syndrome	missense variant
rs34536443	Disease or Syndrome	missense variant
rs34536443	Disease or Syndrome	missense variant
rs34536443	Disease or Syndrome	missense variant
rs34536443	Finding	missense variant
rs34536443	Disease or Syndrome	missense variant
rs34536443	Disease or Syndrome	missense variant
rs34536443	Disease or Syndrome	missense variant
rs34536443	Disease or Syndrome	missense variant
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rs34536443	Disease or Syndrome	missense variant
rs34536443	Disease or Syndrome	missense variant
rs34536443	Disease or Syndrome	missense variant
rs34536443	Laboratory Procedure	missense variant
rs34536443	Disease or Syndrome	missense variant
rs34536443	Disease or Syndrome	missense variant
rs35929052	Disease or Syndrome	downstream gene variant
rs35929052	Disease or Syndrome	downstream gene variant
rs35929052	Disease or Syndrome	downstream gene variant
rs35929052	Disease or Syndrome	downstream gene variant
rs35967351	Laboratory Procedure	intron variant
rs3748816	Disease or Syndrome	missense variant
rs3748816	Disease or Syndrome	missense variant
rs3748816	Disease or Syndrome	missense variant
rs3748816	Disease or Syndrome	missense variant
rs3748816	Disease or Syndrome	missense variant
rs3748816	Disease or Syndrome	missense variant
rs3761847	Disease or Syndrome	intron variant
rs3761847	Disease or Syndrome	intron variant
rs3761847	Disease or Syndrome	intron variant
rs3761959	Disease or Syndrome	intron variant
rs3761959	Disease or Syndrome	intron variant
rs3761959	Laboratory Procedure	intron variant
rs3763307	Disease or Syndrome	non coding transcript exon vari
rs3763307	Disease or Syndrome	non coding transcript exon vari
rs3764147	Disease or Syndrome	missense variant

rs3764147	Disease or Syndrome	missense variant
rs3764147	Disease or Syndrome	missense variant
rs3764147	Disease or Syndrome	missense variant
rs3806156	Disease or Syndrome	intron variant
rs3806156	Disease or Syndrome	intron variant
rs3806156	Disease or Syndrome	intron variant
rs3806156	Disease or Syndrome	intron variant
rs3817963	Neoplastic Process	intron variant
rs3817963	Disease or Syndrome	intron variant
rs3817963	Disease or Syndrome	intron variant
rs3817963	Disease or Syndrome	intron variant
rs3825932	Disease or Syndrome	intron variant
rs3825932	Laboratory Procedure	intron variant
rs3828309	Disease or Syndrome	intron variant
rs3828309	Disease or Syndrome	intron variant
rs389883	Disease or Syndrome	non coding transcript exon vari
rs389883	Disease or Syndrome	non coding transcript exon vari
rs389883	Mental or Behavioral Dysfu	non coding transcript exon vari
rs389883	Mental or Behavioral Dysfu	non coding transcript exon vari
rs389883	Laboratory Procedure	non coding transcript exon vari
rs394199	Clinical Attribute	intron variant
rs3957148	Disease or Syndrome	upstream gene variant
rs3957148	Laboratory Procedure	upstream gene variant
rs3957148	Finding	upstream gene variant
rs404890	Disease or Syndrome	intergenic variant
rs4075958	Laboratory Procedure	upstream gene variant
rs4075958	Laboratory Procedure	upstream gene variant
rs4085613	Disease or Syndrome	downstream gene variant
rs4149576	Disease or Syndrome	intron variant
rs425105	Disease or Syndrome	intron variant
rs4263839	Disease or Syndrome	intron variant
rs4263839	Disease or Syndrome	intron variant
rs4285028	Laboratory Procedure	3 prime UTR variant
rs437179	Disease or Syndrome	missense variant
rs437179	Disease or Syndrome	missense variant
rs4409785	Disease or Syndrome	intron variant
rs4409785	Disease or Syndrome	intron variant
rs4409785	Disease or Syndrome	intron variant
rs4409785	Finding	intron variant
rs4409785	Disease or Syndrome	intron variant
rs4409785	Laboratory Procedure	intron variant
rs4409785	Disease or Syndrome	intron variant

rs4409785	Disease or Syndrome	intron variant
rs4409785	Disease or Syndrome	intron variant
rs4409785	Disease or Syndrome	intron variant
rs4409785	Disease or Syndrome	intron variant
rs4410871	Disease or Syndrome	intron variant
rs4613763	Disease or Syndrome	regulatory region variant
rs4613763	Disease or Syndrome	regulatory region variant
rs4648356	Disease or Syndrome	intron variant
rs4648356	Disease or Syndrome	intron variant
rs4654925	Disease or Syndrome	intron variant
rs4675374	Disease or Syndrome	intron variant
rs4675374	Disease or Syndrome	intron variant
rs4675374	Disease or Syndrome	intron variant
rs4675374	Disease or Syndrome	intron variant
rs4713429	Disease or Syndrome	upstream gene variant
rs4750316	Disease or Syndrome	non coding transcript exon vari
rs4750316	Disease or Syndrome	non coding transcript exon vari
rs4750316	Disease or Syndrome	non coding transcript exon vari
rs4763879	Disease or Syndrome	intron variant
rs4788084	Disease or Syndrome	downstream gene variant
rs4788084	Laboratory Procedure	downstream gene variant
rs4807569	Disease or Syndrome	intron variant
rs4810485	Disease or Syndrome	intron variant
rs4810485	Disease or Syndrome	intron variant
rs4810485	Disease or Syndrome	intron variant
rs4810485	Disease or Syndrome	intron variant
rs4819388	Disease or Syndrome	3 prime UTR variant
rs4819388	Disease or Syndrome	3 prime UTR variant
rs4819388	Disease or Syndrome	3 prime UTR variant
rs4819388	Disease or Syndrome	3 prime UTR variant
rs486416	Disease or Syndrome	intron variant
rs4900384	Disease or Syndrome	intergenic variant
rs4939490	Disease or Syndrome	intergenic variant
rs4948088	Disease or Syndrome	intron variant
rs495337	Disease or Syndrome	synonymous variant
rs4957048	Disease or Syndrome	intergenic variant
rs4959093	Disease or Syndrome	intron variant
rs4959093	Disease or Syndrome	intron variant
rs4959093	Laboratory or Test Result	intron variant
rs4963128	Disease or Syndrome	intron variant
rs4976646	Laboratory Procedure	intron variant
rs4976646	Disease or Syndrome	intron variant

rs4976646	Disease or Syndrome	intron variant
rs4976646	Disease or Syndrome	intron variant
rs4976646	Disease or Syndrome	intron variant
rs5000563	Disease or Syndrome	upstream gene variant
rs5000563	Disease or Syndrome	upstream gene variant
rs5029937	Disease or Syndrome	intron variant
rs5029937	Disease or Syndrome	intron variant
rs5029937	Pathologic Function	intron variant
rs522308	Disease or Syndrome	intergenic variant
rs522308	Laboratory Procedure	intergenic variant
rs528878831	Finding	intron variant
rs528878831	Finding	intron variant
rs528878831	Finding	intron variant
rs528878831	Finding	intron variant
rs535586	Disease or Syndrome	splice region variant
rs535586	Disease or Syndrome	splice region variant
rs539703	Disease or Syndrome	intron variant
rs539703	Laboratory or Test Result	intron variant
rs539703	Disease or Syndrome	intron variant
rs544358	Disease or Syndrome	intron variant
rs548234	Disease or Syndrome	intron variant
rs548234	Disease or Syndrome	intron variant
rs548234	Disease or Syndrome	intron variant
rs574710	Disease or Syndrome	intron variant
rs574710	Laboratory or Test Result	intron variant
rs574710	Disease or Syndrome	intron variant
rs5753037	Disease or Syndrome	intron variant
rs5771069	Disease or Syndrome	missense variant
rs6017342	Disease or Syndrome	non coding transcript exon vari
rs6017342	Disease or Syndrome	non coding transcript exon vari
rs60600003	Disease or Syndrome	intron variant
rs60600003	Disease or Syndrome	intron variant
rs60600003	Finding	intron variant
rs60600003	Disease or Syndrome	intron variant
rs60600003	Disease or Syndrome	intron variant
rs60600003	Laboratory Procedure	intron variant
rs6062314	Neoplastic Process	intron variant
rs6074022	Disease or Syndrome	TF binding site variant
rs6074022	Disease or Syndrome	TF binding site variant
rs6074022	Disease or Syndrome	TF binding site variant
rs610604	Disease or Syndrome	intron variant
rs610604	Disease or Syndrome	intron variant

rs6131010	Mental or Behavioral Dysfu	upstream gene variant
rs615672	Disease or Syndrome	intergenic variant
rs615672	Laboratory or Test Result	intergenic variant
rs615672	Disease or Syndrome	intergenic variant
rs615672	Disease or Syndrome	intergenic variant
rs615672	Laboratory Procedure	intergenic variant
rs630379	Disease or Syndrome	intron variant
rs630379	Disease or Syndrome	intron variant
rs630923	Disease or Syndrome	upstream gene variant
rs644045	Disease or Syndrome	intron variant
rs644045	Disease or Syndrome	intron variant
rs644045	Disease or Syndrome	intron variant
rs6445975	Disease or Syndrome	intron variant
rs644827	Disease or Syndrome	missense variant
rs644827	Disease or Syndrome	missense variant
rs6457617	Disease or Syndrome	intergenic variant
rs6457617	Disease or Syndrome	intergenic variant
rs6457617	Disease or Syndrome	intergenic variant
rs6457617	Disease or Syndrome	intergenic variant
rs6457617	Laboratory Procedure	intergenic variant
rs6457617	Disease or Syndrome	intergenic variant
rs6457617	Finding	intergenic variant
rs6457617	Neoplastic Process	intergenic variant
rs6457620	Disease or Syndrome	intergenic variant
rs6457620	Organism Attribute	intergenic variant
rs6457620	Disease or Syndrome	intergenic variant
rs6457620	Organism Attribute	intergenic variant
rs653178	Disease or Syndrome	intron variant
rs653178	Disease or Syndrome	intron variant
rs653178	Disease or Syndrome	intron variant
rs653178	Disease or Syndrome	intron variant
rs653178	Disease or Syndrome	intron variant
rs653178	Disease or Syndrome	intron variant
rs653178	Disease or Syndrome	intron variant
rs653178	Organism Function	intron variant
rs653178	Laboratory Procedure	intron variant
rs653178	Diagnostic Procedure	intron variant
rs653178	Congenital Abnormality	intron variant
rs653178	Laboratory Procedure	intron variant
rs653178	Disease or Syndrome	intron variant
rs653178	Laboratory or Test Result	intron variant
rs653178	Laboratory or Test Result	intron variant

rs653178	Disease or Syndrome	intron variant
rs653178	Laboratory Procedure	intron variant
rs653178	Laboratory Procedure	intron variant
rs653178	Disease or Syndrome	intron variant
rs653178	Disease or Syndrome	intron variant
rs653178	Disease or Syndrome	intron variant
rs653178	Laboratory Procedure	intron variant
rs653178	Diagnostic Procedure	intron variant
rs653178	Laboratory Procedure	intron variant
rs653178	Disease or Syndrome	intron variant
rs653178	Disease or Syndrome	intron variant
rs653178	Laboratory Procedure	intron variant
rs653178	Laboratory Procedure	intron variant
rs653178	Finding	intron variant
rs653178	Disease or Syndrome	intron variant
rs653178	Disease or Syndrome	intron variant
rs653178	Disease or Syndrome	intron variant
rs653178	Disease or Syndrome	intron variant
rs653178	Disease or Syndrome	intron variant
rs653178	Clinical Attribute	intron variant
rs6568431	Disease or Syndrome	intron variant
rs6568431	Disease or Syndrome	intron variant
rs659445	Disease or Syndrome	intron variant
rs659445	Disease or Syndrome	intron variant
rs660550	Disease or Syndrome	intron variant
rs660550	Disease or Syndrome	intron variant
rs6662618	Disease or Syndrome	downstream gene variant
rs6662618	Disease or Syndrome	downstream gene variant
rs666930	Neoplastic Process	intron variant
rs6679677	Disease or Syndrome	upstream gene variant
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rs6679677	Disease or Syndrome	upstream gene variant
rs6679677	Disease or Syndrome	upstream gene variant
rs6679677	Disease or Syndrome	upstream gene variant
rs6679677	Finding	upstream gene variant
rs6679677	Disease or Syndrome	upstream gene variant

rs6679677	Disease or Syndrome	upstream gene variant
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rs6679677	Disease or Syndrome	upstream gene variant
rs6793295	Disease or Syndrome	missense variant
rs6793295	Neoplastic Process	missense variant
rs6793295	Neoplastic Process	missense variant
rs6793295	Neoplastic Process	missense variant
rs6822844	Disease or Syndrome	regulatory region variant
rs6822844	Disease or Syndrome	regulatory region variant
rs6822844	Disease or Syndrome	regulatory region variant
rs6822844	Disease or Syndrome	regulatory region variant
rs6859219	Disease or Syndrome	intron variant
rs6859219	Disease or Syndrome	intron variant
rs6859219	Disease or Syndrome	intron variant
rs6880778	Disease or Syndrome	intergenic variant
rs6881706	Disease or Syndrome	3 prime UTR variant
rs6897932	Disease or Syndrome	missense variant
rs6902723	Disease or Syndrome	upstream gene variant
rs6903130	Disease or Syndrome	upstream gene variant
rs6903130	Disease or Syndrome	upstream gene variant
rs6903608	Neoplastic Process	intron variant
rs6903608	Neoplastic Process	intron variant
rs6903608	Disease or Syndrome	intron variant
rs6903608	Disease or Syndrome	intron variant
rs6903608	Disease or Syndrome	intron variant
rs6906846	Disease or Syndrome	non coding transcript exon vari
rs6906846	Finding	non coding transcript exon vari
rs6906846	Finding	non coding transcript exon vari
rs6906846	Finding	non coding transcript exon vari
rs6906846	Finding	non coding transcript exon vari
rs6908425	Disease or Syndrome	intron variant
rs6908425	Disease or Syndrome	intron variant
rs6920220	Disease or Syndrome	intron variant

rs6920220	Disease or Syndrome	intron variant
rs6920220	Disease or Syndrome	intron variant
rs6920220	Disease or Syndrome	intron variant
rs6920220	Disease or Syndrome	intron variant
rs6920220	Disease or Syndrome	intron variant
rs6936204	Laboratory Procedure	intergenic variant
rs6936204	Disease or Syndrome	intergenic variant
rs694739	Disease or Syndrome	upstream gene variant
rs694739	Disease or Syndrome	upstream gene variant
rs694739	Disease or Syndrome	upstream gene variant
rs694739	Disease or Syndrome	upstream gene variant
rs694739	Disease or Syndrome	upstream gene variant
rs694739	Disease or Syndrome	upstream gene variant
rs7020673	Disease or Syndrome	intron variant
rs706778	Disease or Syndrome	intron variant
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rs706778	Disease or Syndrome	intron variant
rs706778	Disease or Syndrome	intron variant
rs706778	Finding	intron variant
rs706778	Disease or Syndrome	intron variant
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rs71624119	Disease or Syndrome	intron variant
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rs71624119	Disease or Syndrome	intron variant
rs71624119	Disease or Syndrome	intron variant
rs71624119	Disease or Syndrome	intron variant
rs7194	Laboratory Procedure	3 prime UTR variant
rs7194	Disease or Syndrome	3 prime UTR variant
rs7194	Disease or Syndrome	3 prime UTR variant
rs7194	Disease or Syndrome	3 prime UTR variant
rs7194	Disease or Syndrome	3 prime UTR variant

rs7200786	Disease or Syndrome	intron variant
rs7200786	Disease or Syndrome	intron variant
rs7202877	Disease or Syndrome	intergenic variant
rs7202877	Disease or Syndrome	intergenic variant
rs7221109	Disease or Syndrome	intergenic variant
rs7255066	Laboratory Procedure	intron variant
rs72928038	Disease or Syndrome	intron variant
rs72928038	Disease or Syndrome	intron variant
rs72928038	Disease or Syndrome	intron variant
rs72928038	Neoplastic Process	intron variant
rs72928038	Laboratory Procedure	intron variant
rs72928038	Disease or Syndrome	intron variant
rs72928038	Disease or Syndrome	intron variant
rs72928038	Disease or Syndrome	intron variant
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rs72928038	Disease or Syndrome	intron variant
rs72928038	Finding	intron variant
rs72928038	Disease or Syndrome	intron variant
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rs72928038	Disease or Syndrome	intron variant
rs72928038	Disease or Syndrome	intron variant
rs7382297	Finding	intron variant
rs7382297	Finding	intron variant
rs7382297	Finding	intron variant
rs7382297	Finding	intron variant
rs743777	Disease or Syndrome	intron variant
rs743777	Disease or Syndrome	intron variant
rs743777	Disease or Syndrome	intron variant
rs744166	Disease or Syndrome	intron variant
rs744166	Disease or Syndrome	intron variant
rs744166	Disease or Syndrome	intron variant
rs7453920	Disease or Syndrome	intron variant
rs7453920	Neoplastic Process	intron variant
rs7453920	Disease or Syndrome	intron variant
rs7453920	Disease or Syndrome	intron variant
rs7453920	Disease or Syndrome	intron variant
rs7574865	Disease or Syndrome	intron variant
rs7574865	Disease or Syndrome	intron variant
rs7574865	Neoplastic Process	intron variant

rs7574865	Disease or Syndrome	intron variant
rs7574865	Disease or Syndrome	intron variant
rs7574865	Disease or Syndrome	intron variant
rs7574865	Disease or Syndrome	intron variant
rs7574865	Disease or Syndrome	intron variant
rs7574865	Finding	intron variant
rs7574865	Disease or Syndrome	intron variant
rs762421	Disease or Syndrome	intron variant
rs762421	Disease or Syndrome	intron variant
rs763361	Disease or Syndrome	missense variant
rs763361	Laboratory Procedure	missense variant
rs763361	Disease or Syndrome	missense variant
rs7665090	Disease or Syndrome	downstream gene variant
rs7665090	Disease or Syndrome	downstream gene variant
rs7665090	Disease or Syndrome	downstream gene variant
rs7708392	Disease or Syndrome	intron variant
rs771767	Laboratory Procedure	regulatory region variant
rs7746082	Disease or Syndrome	regulatory region variant
rs7746082	Disease or Syndrome	regulatory region variant
rs7746082	Disease or Syndrome	regulatory region variant
rs7746082	Disease or Syndrome	regulatory region variant
rs7756262	Disease or Syndrome	intergenic variant
rs7756262	Disease or Syndrome	intergenic variant
rs7768538	Disease or Syndrome	intron variant
rs7804356	Disease or Syndrome	intron variant
rs7809799	Disease or Syndrome	regulatory region variant
rs7923837	Disease or Syndrome	intergenic variant
rs7923837	Clinical Attribute	intergenic variant
rs7927894	Disease or Syndrome	upstream gene variant
rs7927894	Disease or Syndrome	upstream gene variant
rs7927894	Disease or Syndrome	upstream gene variant
rs7927894	Pathologic Function	upstream gene variant
rs793108	Disease or Syndrome	intron variant
rs8021741	Neoplastic Process	intergenic variant
rs802734	Disease or Syndrome	intergenic variant
rs802734	Neoplastic Process	intergenic variant
rs802734	Disease or Syndrome	intergenic variant
rs802734	Neoplastic Process	intergenic variant
rs802734	Disease or Syndrome	intergenic variant
rs802734	Disease or Syndrome	intergenic variant
rs8049439	Disease or Syndrome	intron variant
rs8049439	Mental Process	intron variant

rs8049439	Clinical Attribute	intron variant
rs806321	Neoplastic Process	intron variant
rs806321	Neoplastic Process	intron variant
rs806321	Neoplastic Process	intron variant
rs8070463	Disease or Syndrome	upstream gene variant
rs8112449	Disease or Syndrome	intron variant
rs849142	Disease or Syndrome	intron variant
rs874040	Disease or Syndrome	downstream gene variant
rs874040	Disease or Syndrome	downstream gene variant
rs874040	Disease or Syndrome	downstream gene variant
rs874628	Laboratory Procedure	missense variant
rs882300	Diagnostic Procedure	intergenic variant
rs882300	Finding	intergenic variant
rs910049	Disease or Syndrome	intron variant
rs910049	Disease or Syndrome	intron variant
rs910049	Neoplastic Process	intron variant
rs910049	Disease or Syndrome	intron variant
rs910050	Disease or Syndrome	intron variant
rs917997	Disease or Syndrome	downstream gene variant
rs917997	Disease or Syndrome	downstream gene variant
rs917997	Disease or Syndrome	downstream gene variant
rs917997	Disease or Syndrome	downstream gene variant
rs917997	Disease or Syndrome	downstream gene variant
rs9260489	Laboratory Procedure	upstream gene variant
rs926070	Neoplastic Process	intron variant
rs926070	Disease or Syndrome	intron variant
rs926070	Neoplastic Process	intron variant
rs926070	Disease or Syndrome	intron variant
rs9262615	Disease or Syndrome	upstream gene variant
rs9262635	Disease or Syndrome	intron variant
rs9262636	Disease or Syndrome	intron variant
rs926591	Disease or Syndrome	intron variant
rs926591	Laboratory or Test Result	intron variant
rs926591	Disease or Syndrome	intron variant
rs9267649	Disease or Syndrome	downstream gene variant
rs9267649	Disease or Syndrome	downstream gene variant
rs9267658	Disease or Syndrome	intron variant
rs9267658	Disease or Syndrome	intron variant
rs9267873	Disease or Syndrome	intergenic variant
rs9267954	Disease or Syndrome	regulatory region variant
rs9267954	Disease or Syndrome	regulatory region variant
rs9267971	Disease or Syndrome	intergenic variant

rs9267971	Disease or Syndrome	intergenic variant
rs9267992	Disease or Syndrome	upstream gene variant
rs9267992	Disease or Syndrome	upstream gene variant
rs9268402	Disease or Syndrome	intron variant
rs9268402	Disease or Syndrome	intron variant
rs9268402	Disease or Syndrome	intron variant
rs9268403	Disease or Syndrome	intron variant
rs9268403	Disease or Syndrome	intron variant
rs9268429	Disease or Syndrome	intron variant
rs9268480	Disease or Syndrome	synonymous variant
rs9268480	Disease or Syndrome	synonymous variant
rs9268557	Disease or Syndrome	intergenic variant
rs9268557	Disease or Syndrome	intergenic variant
rs9268560	Disease or Syndrome	intergenic variant
rs9268560	Disease or Syndrome	intergenic variant
rs9268645	Disease or Syndrome	intron variant
rs9268645	Disease or Syndrome	intron variant
rs9268645	Disease or Syndrome	intron variant
rs9268645	Disease or Syndrome	intron variant
rs9268831	Disease or Syndrome	non coding transcript exon vari
rs9268831	Disease or Syndrome	non coding transcript exon vari
rs9268832	Disease or Syndrome	non coding transcript exon vari
rs9268832	Disease or Syndrome	non coding transcript exon vari
rs9268832	Disease or Syndrome	non coding transcript exon vari
rs9268853	Neoplastic Process	intron variant
rs9268853	Disease or Syndrome	intron variant
rs9268853	Laboratory Procedure	intron variant
rs9268853	Disease or Syndrome	intron variant
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rs9268853	Disease or Syndrome	intron variant
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rs9268853	Disease or Syndrome	intron variant
rs9268858	Laboratory Procedure	intron variant
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rs9268877	Disease or Syndrome	intron variant
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rs9268877	Disease or Syndrome	intron variant
rs9270986	Disease or Syndrome	intergenic variant
rs9270986	Disease or Syndrome	intergenic variant
rs9271366	Disease or Syndrome	intergenic variant

rs9271366	Disease or Syndrome	intergenic variant
rs9271366	Disease or Syndrome	intergenic variant
rs9271366	Disease or Syndrome	intergenic variant
rs9271366	Laboratory Procedure	intergenic variant
rs9271366	Disease or Syndrome	intergenic variant
rs9271366	Laboratory Procedure	intergenic variant
rs9271366	Disease or Syndrome	intergenic variant
rs9271640	Laboratory Procedure	upstream gene variant
rs9271640	Disease or Syndrome	upstream gene variant
rs9271640	Finding	upstream gene variant
rs9272346	Disease or Syndrome	intron variant
rs9272346	Disease or Syndrome	intron variant
rs9272346	Disease or Syndrome	intron variant
rs9272346	Laboratory Procedure	intron variant
rs9272346	Disease or Syndrome	intron variant
rs9272346	Disease or Syndrome	intron variant
rs9272346	Disease or Syndrome	intron variant
rs9275418	Disease or Syndrome	downstream gene variant
rs9275418	Disease or Syndrome	downstream gene variant
rs9275523	Disease or Syndrome	upstream gene variant
rs9275572	Neoplastic Process	upstream gene variant
rs9275572	Disease or Syndrome	upstream gene variant
rs9275572	Disease or Syndrome	upstream gene variant
rs9275572	Disease or Syndrome	upstream gene variant
rs9275572	Disease or Syndrome	upstream gene variant
rs9275572	Disease or Syndrome	upstream gene variant
rs9275572	Neoplastic Process	upstream gene variant
rs9275572	Disease or Syndrome	upstream gene variant
rs9275765	Disease or Syndrome	downstream gene variant
rs9275772	Disease or Syndrome	downstream gene variant
rs9275793	Disease or Syndrome	downstream gene variant
rs9276440	Disease or Syndrome	3 prime UTR variant
rs9286879	Disease or Syndrome	intron variant
rs9286879	Disease or Syndrome	intron variant
rs9286879	Disease or Syndrome	intron variant
rs9292777	Disease or Syndrome	regulatory region variant
rs9296009	Laboratory Procedure	downstream gene variant
rs934734	Disease or Syndrome	intron variant
rs934734	Disease or Syndrome	intron variant
rs934734	Disease or Syndrome	intron variant
rs9368716	Disease or Syndrome	intron variant
rs9368716	Disease or Syndrome	intron variant

rs9368716	Laboratory or Test Result	intron variant
rs9388489	Disease or Syndrome	intron variant
rs9391858	Finding	intron variant
rs9391858	Finding	intron variant
rs9391858	Pathologic Function	intron variant
rs9391858	Finding	intron variant
rs9391858	Finding	intron variant
rs942637	Clinical Attribute	intron variant
rs9461799	Disease or Syndrome	downstream gene variant
rs9461799	Disease or Syndrome	downstream gene variant
rs9461799	Disease or Syndrome	downstream gene variant
rs9469220	Disease or Syndrome	TF binding site variant
rs9469220	Disease or Syndrome	TF binding site variant
rs9469220	Disease or Syndrome	TF binding site variant
rs9469240	Disease or Syndrome	downstream gene variant
rs947474	Disease or Syndrome	intron variant
rs947474	Disease or Syndrome	intron variant
rs947474	Disease or Syndrome	intron variant
rs951005	Disease or Syndrome	intron variant
rs951005	Disease or Syndrome	intron variant
rs951005	Disease or Syndrome	intron variant
rs9736016	Sign or Symptom	intergenic variant
rs9792269	Disease or Syndrome	intergenic variant
rs9792269	Disease or Syndrome	intergenic variant
rs9792269	Disease or Syndrome	intergenic variant
rs9792269	Disease or Syndrome	intergenic variant
rs9807334	Laboratory Procedure	intron variant
rs9808753	Disease or Syndrome	missense variant
rs9846396	Laboratory or Test Result	intron variant
rs9891119	Disease or Syndrome	intron variant
rs9901869	Disease or Syndrome	intergenic variant
rs9976767	Disease or Syndrome	intron variant
rs9989735	Disease or Syndrome	intron variant

year_final	variant_dpi	variantid	source	variant_dsi
2017	0.24	rs1004446	CURATED	0.827
2011	0.24	rs1004446	CURATED	0.827
2014	0.24	rs10045431	CURATED	0.851
2011	0.24	rs10045431	CURATED	0.851
2016	0.08	rs1036207	CURATED	1
2016	0.08	rs1036207	CURATED	1
2011	0.08	rs10411936	CURATED	1
2011	0.08	rs10411936	CURATED	1
2016	0.28	rs10488631	CURATED	0.742
2016	0.28	rs10488631	CURATED	0.742
2019	0.28	rs10488631	CURATED	0.742
2015	0.28	rs10488631	CURATED	0.742
2010	0.28	rs10488631	CURATED	0.742
2018	0.28	rs10488631	CURATED	0.742
2011	0.28	rs10488631	CURATED	0.742
2018	0.28	rs10488631	CURATED	0.742
2011	0.28	rs10488631	CURATED	0.742
2016	0.4	rs10499194	CURATED	0.752
2019	0.08	rs10500264	CURATED	1
2012	0.16	rs10509540	CURATED	0.925
2019	0.36	rs10516487	CURATED	0.752
2009	0.16	rs10517086	CURATED	0.882
2016	0.28	rs10758669	CURATED	0.763
2016	0.28	rs10758669	CURATED	0.763
2016	0.28	rs10758669	CURATED	0.763
2011	0.28	rs10758669	CURATED	0.763
2016	0.28	rs10758669	CURATED	0.763
2016	0.28	rs10758669	CURATED	0.763
2016	0.28	rs10758669	CURATED	0.763
2019	0.08	rs10797431	CURATED	0.851
2019	0.08	rs10797431	CURATED	0.851
2019	0.08	rs10797431	CURATED	0.851
2019	0.08	rs10797431	CURATED	0.851
2015	0.12	rs10800309	CURATED	0.925
2015	0.12	rs10800309	CURATED	0.925
2010	0.28	rs10806425	CURATED	0.851
2011	0.28	rs10806425	CURATED	0.851
2011	0.28	rs10806425	CURATED	0.851
2011	0.28	rs10806425	CURATED	0.851
2019	0.28	rs10806425	CURATED	0.851
2010	0.2	rs10903122	CURATED	0.882

2011	0.2	rs10903122	CURATED	0.882
2011	0.2	rs10903122	CURATED	0.882
2011	0.2	rs10903122	CURATED	0.882
2014	0.6	rs10936599	CURATED	0.637
2014	0.6	rs10936599	CURATED	0.637
2014	0.6	rs10936599	CURATED	0.637
2010	0.6	rs10936599	CURATED	0.637
2019	0.6	rs10936599	CURATED	0.637
2019	0.6	rs10936599	CURATED	0.637
2010	0.6	rs10936599	CURATED	0.637
2010	0.6	rs10936599	CURATED	0.637
2010	0.6	rs10936599	CURATED	0.637
2010	0.6	rs10936599	CURATED	0.637
2010	0.6	rs10936599	CURATED	0.637
2014	0.6	rs10936599	CURATED	0.637
2010	0.6	rs10936599	CURATED	0.637
2013	0.6	rs10936599	CURATED	0.637
2010	0.6	rs10936599	CURATED	0.637
2010	0.6	rs10936599	CURATED	0.637
	0.6	rs10936599	CURATED	0.637
2016	0.28	rs10995271	CURATED	0.776
2011	0.28	rs10995271	CURATED	0.776
2016	0.28	rs10995271	CURATED	0.776
2016	0.28	rs10995271	CURATED	0.776
2016	0.28	rs10995271	CURATED	0.776
2016	0.28	rs10995271	CURATED	0.776
2019	0.16	rs1107345	CURATED	0.925
2017	0.16	rs11154801	CURATED	0.882
2013	0.16	rs11175593	CURATED	0.882
2011	0.16	rs11175593	CURATED	0.882
2014	0.16	rs11190140	CURATED	0.827
2010	0.16	rs11190140	CURATED	0.827
2011	0.16	rs11190140	CURATED	0.827
2010	0.28	rs11221332	CURATED	0.763
2011	0.28	rs11221332	CURATED	0.763
2016	0.28	rs11221332	CURATED	0.763
2011	0.28	rs11221332	CURATED	0.763
2016	0.28	rs11221332	CURATED	0.763
2011	0.28	rs11221332	CURATED	0.763
2016	0.28	rs11221332	CURATED	0.763
2017	0.28	rs11221332	CURATED	0.763
2018	0.28	rs11221332	CURATED	0.763

2016	0.28	rs11221332	CURATED	0.763
2016	0.28	rs11221332	CURATED	0.763
2017	0.2	rs1131265	CURATED	0.882
2012	0.2	rs1131265	CURATED	0.882
2012	0.16	rs1132200	CURATED	0.925
2010	0.32	rs11465804	CURATED	0.752
2011	0.32	rs11465804	CURATED	0.752
2008	0.2	rs11584383	CURATED	0.827
2010	0.2	rs11584383	CURATED	0.827
2011	0.2	rs11584383	CURATED	0.827
2012	0.16	rs11586238	CURATED	0.925
2011	0.16	rs11586238	CURATED	0.925
2011	0.16	rs11586238	CURATED	0.925
2015	0.08	rs11621145	CURATED	1
2015	0.08	rs11621145	CURATED	1
2014	0.16	rs11676922	CURATED	0.925
2011	0.16	rs11676922	CURATED	0.925
2011	0.16	rs11676922	CURATED	0.925
2010	0.2	rs11712165	CURATED	0.882
2011	0.2	rs11712165	CURATED	0.882
2011	0.2	rs11712165	CURATED	0.882
2011	0.2	rs11712165	CURATED	0.882
2020	0.24	rs11747270	CURATED	0.79
2011	0.24	rs11747270	CURATED	0.79
2011	0.36	rs11755527	CURATED	0.851
2011	0.36	rs11755527	CURATED	0.851
2018	0.36	rs11755527	CURATED	0.851
2010	0.32	rs11755724	CURATED	0.807
2019	0.32	rs11755724	CURATED	0.807
2019	0.32	rs11755724	CURATED	0.807
2013	0.32	rs11755724	CURATED	0.807
2019	0.32	rs11755724	CURATED	0.807
2013	0.32	rs11755724	CURATED	0.807
2013	0.12	rs11860650	CURATED	0.882
2013	0.12	rs11860650	CURATED	0.882
2019	0.08	rs11949767	CURATED	1
2013	0.08	rs11949767	CURATED	1
2017	0.24	rs1250550	CURATED	0.851
2017	0.24	rs1250550	CURATED	0.851
2019	0.24	rs1250550	CURATED	0.851
2013	0.24	rs1250550	CURATED	0.851
2011	0.2	rs1250552	CURATED	0.882

2011	0.2	rs1250552	CURATED	0.882
2011	0.2	rs1250552	CURATED	0.882
2011	0.2	rs1250552	CURATED	0.882
2011	0.32	rs12708716	CURATED	0.807
2012	0.32	rs12708716	CURATED	0.807
2011	0.32	rs12708716	CURATED	0.807
2010	0.16	rs12722489	CURATED	0.882
2019	0.16	rs1292034	CURATED	0.882
2019	0.16	rs1292034	CURATED	0.882
2015	0.24	rs12927355	CURATED	0.882
2012	0.24	rs12927355	CURATED	0.882
2010	0.2	rs12928822	CURATED	0.882
2011	0.2	rs12928822	CURATED	0.882
2011	0.2	rs12928822	CURATED	0.882
2011	0.2	rs12928822	CURATED	0.882
2017	0.16	rs12946510	CURATED	0.851
2017	0.16	rs12946510	CURATED	0.851
2017	0.16	rs12946510	CURATED	0.851
2017	0.08	rs12988804	CURATED	1
2012	0.2	rs13003464	CURATED	0.827
2012	0.2	rs13003464	CURATED	0.827
2010	0.2	rs13003464	CURATED	0.827
2011	0.2	rs13003464	CURATED	0.827
2011	0.2	rs13003464	CURATED	0.827
2011	0.2	rs13003464	CURATED	0.827
2010	0.2	rs13010713	CURATED	0.882
2011	0.2	rs13010713	CURATED	0.882
2011	0.2	rs13010713	CURATED	0.882
2011	0.2	rs13010713	CURATED	0.882
2015	0.16	rs13017599	CURATED	0.882
2012	0.16	rs13017599	CURATED	0.882
2010	0.2	rs13098911	CURATED	0.882
2011	0.2	rs13098911	CURATED	0.882
2011	0.2	rs13098911	CURATED	0.882
2011	0.2	rs13098911	CURATED	0.882
2014	0.2	rs13151961	CURATED	0.827
2011	0.2	rs13151961	CURATED	0.827
2011	0.2	rs13151961	CURATED	0.827
2011	0.2	rs13151961	CURATED	0.827
2019	0.16	rs1323292	CURATED	0.882
2019	0.16	rs1323292	CURATED	0.882
2010	0.2	rs13314993	CURATED	0.882

2011	0.2	rs13314993	CURATED	0.882
2011	0.2	rs13314993	CURATED	0.882
2011	0.2	rs13314993	CURATED	0.882
2012	0.16	rs13315591	CURATED	0.925
2011	0.16	rs13315591	CURATED	0.925
2011	0.16	rs13315591	CURATED	0.925
2011	0.16	rs1359062	CURATED	0.925
2016	0.08	rs1398607	CURATED	1
2018	0.16	rs140522	CURATED	0.851
2019	0.16	rs140522	CURATED	0.851
2019	0.16	rs140522	CURATED	0.851
2019	0.16	rs140522	CURATED	0.851
2012	0.16	rs140522	CURATED	0.851
2016	0.16	rs140522	CURATED	0.851
2019	0.16	rs140522	CURATED	0.851
2017	0.16	rs140522	CURATED	0.851
2017	0.16	rs140522	CURATED	0.851
2019	0.16	rs140522	CURATED	0.851
2011	0.16	rs1456893	CURATED	0.851
2011	0.16	rs1456893	CURATED	0.851
2015	0.28	rs1464510	CURATED	0.807
2010	0.28	rs1464510	CURATED	0.807
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2011	0.28	rs1464510	CURATED	0.807
2013	0.28	rs1464510	CURATED	0.807
2009	0.16	rs1465788	CURATED	0.925
2009	0.16	rs151719	CURATED	0.925
2012	0.16	rs1534422	CURATED	0.827
2012	0.16	rs1534422	CURATED	0.827
2012	0.16	rs1534422	CURATED	0.827
2008	0.16	rs1551398	CURATED	0.882
2011	0.16	rs1551398	CURATED	0.882
2010	0.12	rs1558744	CURATED	0.925
2012	0.28	rs1569723	CURATED	0.851
2012	0.28	rs1569723	CURATED	0.851
2007	0.28	rs1569723	CURATED	0.851
2018	0.28	rs1569723	CURATED	0.851
2017	0.28	rs1569723	CURATED	0.851
2019	0.16	rs16978630	CURATED	0.925
2010	0.2	rs17035378	CURATED	0.882
2011	0.2	rs17035378	CURATED	0.882

2011	0.2	rs17035378	CURATED	0.882
2011	0.2	rs17035378	CURATED	0.882
2017	0.12	rs17119	CURATED	0.882
2017	0.12	rs17119	CURATED	0.882
2017	0.12	rs17119	CURATED	0.882
2017	0.12	rs1728785	CURATED	0.925
2008	0.16	rs1736135	CURATED	0.851
2010	0.16	rs1736135	CURATED	0.851
2011	0.16	rs1736135	CURATED	0.851
2014	0.32	rs1738074	CURATED	0.79
2011	0.32	rs1738074	CURATED	0.79
2011	0.32	rs1738074	CURATED	0.79
2011	0.32	rs1738074	CURATED	0.79
2011	0.28	rs17388568	CURATED	0.827
2013	0.28	rs17388568	CURATED	0.827
2011	0.16	rs17421624	CURATED	0.925
2016	0.32	rs17445836	CURATED	0.851
2016	0.08	rs17519972	CURATED	1
2008	0.16	rs17582416	CURATED	0.882
2011	0.16	rs17582416	CURATED	0.882
2010	0.24	rs17696736	CURATED	0.827
2014	0.24	rs17696736	CURATED	0.827
2018	0.24	rs17696736	CURATED	0.827
2018	0.24	rs17696736	CURATED	0.827
2018	0.24	rs17696736	CURATED	0.827
2012	0.24	rs17696736	CURATED	0.827
2012	0.24	rs17696736	CURATED	0.827
2019	0.24	rs17696736	CURATED	0.827
2013	0.24	rs17696736	CURATED	0.827
2019	0.24	rs17696736	CURATED	0.827
2009	0.24	rs17696736	CURATED	0.827
2018	0.24	rs17696736	CURATED	0.827
2018	0.24	rs17696736	CURATED	0.827
2018	0.24	rs17696736	CURATED	0.827
2018	0.24	rs17696736	CURATED	0.827
2012	0.24	rs17696736	CURATED	0.827
2018	0.24	rs17696736	CURATED	0.827
2015	0.16	rs17728338	CURATED	0.851
2015	0.16	rs17728338	CURATED	0.851
2020	0.44	rs17810546	CURATED	0.827
2015	0.44	rs17810546	CURATED	0.827
2011	0.44	rs17810546	CURATED	0.827

2011	0.44	rs17810546	CURATED	0.827
2011	0.44	rs17810546	CURATED	0.827
2015	0.36	rs1800693	CURATED	0.776
2011	0.36	rs1800693	CURATED	0.776
2012	0.16	rs189139	CURATED	0.925
2016	0.44	rs1893217	CURATED	0.742
2019	0.44	rs1893217	CURATED	0.742
2019	0.44	rs1893217	CURATED	0.742
2016	0.44	rs1893217	CURATED	0.742
2010	0.44	rs1893217	CURATED	0.742
2011	0.44	rs1893217	CURATED	0.742
2016	0.44	rs1893217	CURATED	0.742
2019	0.44	rs1893217	CURATED	0.742
2019	0.44	rs1893217	CURATED	0.742
2011	0.44	rs1893217	CURATED	0.742
2019	0.44	rs1893217	CURATED	0.742
2016	0.08	rs1920296	CURATED	1
2019	0.32	rs1980422	CURATED	0.776
2016	0.32	rs1980422	CURATED	0.776
2018	0.48	rs1990760	CURATED	0.672
2018	0.48	rs1990760	CURATED	0.672
2015	0.48	rs1990760	CURATED	0.672
2016	0.48	rs1990760	CURATED	0.672
2010	0.48	rs1990760	CURATED	0.672
2016	0.48	rs1990760	CURATED	0.672
2015	0.48	rs1990760	CURATED	0.672
2011	0.48	rs1990760	CURATED	0.672
2010	0.48	rs1990760	CURATED	0.672
2014	0.16	rs2019960	CURATED	0.925
2011	0.24	rs2040406	CURATED	0.882
2013	0.24	rs2040406	CURATED	0.882
2011	0.16	rs2050568	CURATED	0.925
2014	0.28	rs2051549	CURATED	0.851
2007	0.28	rs2051549	CURATED	0.851
2013	0.28	rs2051549	CURATED	0.851
2015	0.72	rs20541	CURATED	0.585
2014	0.72	rs20541	CURATED	0.585
2018	0.72	rs20541	CURATED	0.585
2013	0.72	rs20541	CURATED	0.585
2013	0.72	rs20541	CURATED	0.585
	0.72	rs20541	CURATED	0.585
	0.72	rs20541	CURATED	0.585

2015	0.28	rs2066808	CURATED	0.807
2015	0.28	rs2066808	CURATED	0.807
2011	0.32	rs2072633	CURATED	0.807
2018	0.32	rs2072633	CURATED	0.807
2011	0.16	rs2073723	CURATED	0.925
2019	0.64	rs2076530	CURATED	0.724
2007	0.64	rs2076530	CURATED	0.724
2011	0.64	rs2076530	CURATED	0.724
	0.64	rs2076530	CURATED	0.724
2009	0.64	rs2076530	CURATED	0.724
2011	0.2	rs2076533	CURATED	0.882
2009	0.2	rs2076533	CURATED	0.882
2015	0.12	rs2082412	CURATED	0.925
2016	0.08	rs210131	CURATED	1
2015	0.44	rs2104286	CURATED	0.662
2016	0.44	rs2104286	CURATED	0.662
2016	0.44	rs2104286	CURATED	0.662
2016	0.44	rs2104286	CURATED	0.662
2016	0.44	rs2104286	CURATED	0.662
2016	0.44	rs2104286	CURATED	0.662
2011	0.16	rs212389	CURATED	0.925
2011	0.16	rs212389	CURATED	0.925
2015	0.16	rs212389	CURATED	0.925
2011	0.16	rs2157051	CURATED	0.925
2017	0.16	rs2188962	CURATED	0.882
2017	0.16	rs2188962	CURATED	0.882
2016	0.16	rs2188962	CURATED	0.882
2011	0.16	rs2188962	CURATED	0.882
2013	0.44	rs2201841	CURATED	0.716
2016	0.44	rs2201841	CURATED	0.716
2017	0.44	rs2201841	CURATED	0.716
2019	0.4	rs2205960	CURATED	0.763
2018	0.16	rs2205986	CURATED	0.925
2009	0.12	rs2227127	CURATED	0.925
2009	0.4	rs2227956	CURATED	0.752
	0.4	rs2227956	CURATED	0.752
2007	0.4	rs2227956	CURATED	0.752
2019	0.08	rs2236262	CURATED	1
2009	0.16	rs2242665	CURATED	0.882
2014	0.16	rs2242665	CURATED	0.882
2008	0.2	rs2274910	CURATED	0.827
2011	0.2	rs2274910	CURATED	0.827

2019	0.16	rs2281808	CURATED	0.925
2018	0.16	rs2281808	CURATED	0.925
2017	0.12	rs228614	CURATED	0.925
2020	0.24	rs2288904	CURATED	0.807
2016	0.36	rs2290400	CURATED	0.79
2016	0.36	rs2290400	CURATED	0.79
2018	0.36	rs2290400	CURATED	0.79
2007	0.36	rs2290400	CURATED	0.79
2012	0.36	rs2290400	CURATED	0.79
2013	0.36	rs2290400	CURATED	0.79
2019	0.48	rs2292239	CURATED	0.742
2015	0.48	rs2292239	CURATED	0.742
2012	0.48	rs2292239	CURATED	0.742
2011	0.48	rs2292239	CURATED	0.742
2019	0.16	rs2293370	CURATED	0.882
2012	0.16	rs2293370	CURATED	0.882
2015	0.2	rs229541	CURATED	0.807
2019	0.2	rs229541	CURATED	0.807
2019	0.2	rs229541	CURATED	0.807
2017	0.2	rs229541	CURATED	0.807
2019	0.2	rs229541	CURATED	0.807
2019	0.2	rs229541	CURATED	0.807
2017	0.2	rs2300747	CURATED	0.882
2016	0.32	rs2301436	CURATED	0.752
2016	0.32	rs2301436	CURATED	0.752
2011	0.32	rs2301436	CURATED	0.752
2016	0.32	rs2301436	CURATED	0.752
2011	0.32	rs2301436	CURATED	0.752
2016	0.32	rs2301436	CURATED	0.752
2016	0.32	rs2301436	CURATED	0.752
2018	0.28	rs2305480	CURATED	0.763
2016	0.28	rs2305480	CURATED	0.763
2012	0.28	rs2305480	CURATED	0.763
2010	0.28	rs2305480	CURATED	0.763
2012	0.28	rs2305480	CURATED	0.763
2013	0.28	rs2305480	CURATED	0.763
2008	0.12	rs2315008	CURATED	0.925
2018	0.12	rs2315008	CURATED	0.925
2010	0.32	rs2327832	CURATED	0.79
2017	0.32	rs2327832	CURATED	0.79
2009	0.32	rs2327832	CURATED	0.79
2011	0.32	rs2327832	CURATED	0.79

2011	0.32	rs2327832	CURATED	0.79
2011	0.32	rs2327832	CURATED	0.79
2019	0.08	rs2371108	CURATED	1
2011	0.24	rs2395173	CURATED	0.882
2007	0.24	rs2395173	CURATED	0.882
2007	0.28	rs2395182	CURATED	0.851
2012	0.28	rs2395182	CURATED	0.851
2011	0.28	rs2395182	CURATED	0.851
2013	0.28	rs2395182	CURATED	0.851
2009	0.08	rs2412973	CURATED	1
2009	0.12	rs241403	CURATED	0.925
2007	0.16	rs241427	CURATED	0.925
2019	0.16	rs2425752	CURATED	0.851
2019	0.16	rs2425752	CURATED	0.851
2018	0.16	rs2425752	CURATED	0.851
2017	0.24	rs2431697	CURATED	0.776
2010	0.24	rs2431697	CURATED	0.776
2012	0.12	rs2454138	CURATED	0.925
2019	0.12	rs2454138	CURATED	0.925
2010	0.28	rs2456449	CURATED	0.827
2010	0.28	rs2456449	CURATED	0.827
2020	0.8	rs2476601	CURATED	0.498
2019	0.8	rs2476601	CURATED	0.498
2019	0.8	rs2476601	CURATED	0.498
2019	0.8	rs2476601	CURATED	0.498
2019	0.8	rs2476601	CURATED	0.498
2018	0.8	rs2476601	CURATED	0.498
2016	0.8	rs2476601	CURATED	0.498
2017	0.8	rs2476601	CURATED	0.498
2012	0.8	rs2476601	CURATED	0.498
2019	0.8	rs2476601	CURATED	0.498
2019	0.8	rs2476601	CURATED	0.498
2019	0.8	rs2476601	CURATED	0.498
2016	0.8	rs2476601	CURATED	0.498
2015	0.8	rs2476601	CURATED	0.498
2016	0.8	rs2476601	CURATED	0.498
2018	0.8	rs2476601	CURATED	0.498
2015	0.8	rs2476601	CURATED	0.498
2019	0.8	rs2476601	CURATED	0.498
2017	0.8	rs2476601	CURATED	0.498
2016	0.8	rs2476601	CURATED	0.498
2018	0.8	rs2476601	CURATED	0.498

2019	0.8	rs2476601	CURATED	0.498
2016	0.8	rs2476601	CURATED	0.498
2019	0.8	rs2476601	CURATED	0.498
2016	0.8	rs2476601	CURATED	0.498
2019	0.8	rs2476601	CURATED	0.498
2019	0.8	rs2476601	CURATED	0.498
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2016	0.8	rs2476601	CURATED	0.498
2019	0.8	rs2476601	CURATED	0.498
2016	0.8	rs2476601	CURATED	0.498
2011	0.8	rs2476601	CURATED	0.498
2019	0.8	rs2476601	CURATED	0.498
2019	0.8	rs2476601	CURATED	0.498
2016	0.8	rs2476601	CURATED	0.498
2019	0.8	rs2476601	CURATED	0.498
2016	0.8	rs2476601	CURATED	0.498
2011	0.8	rs2476601	CURATED	0.498
2007	0.2	rs2523535	CURATED	0.851
2009	0.2	rs2523535	CURATED	0.851
2009	0.2	rs2523535	CURATED	0.851
2009	0.2	rs2523535	CURATED	0.851
2009	0.2	rs2523535	CURATED	0.851
2012	0.2	rs2523535	CURATED	0.851
2011	0.16	rs2524089	CURATED	0.925
2012	0.16	rs2524089	CURATED	0.925
2011	0.16	rs2524095	CURATED	0.925
2016	0.48	rs2542151	CURATED	0.763
2015	0.48	rs2542151	CURATED	0.763
2012	0.48	rs2542151	CURATED	0.763
2011	0.48	rs2542151	CURATED	0.763
2011	0.48	rs2542151	CURATED	0.763
2015	0.2	rs2546890	CURATED	0.882
2015	0.2	rs2546890	CURATED	0.882
2011	0.16	rs2596571	CURATED	0.925
2011	0.16	rs2621383	CURATED	0.925
2011	0.16	rs2621384	CURATED	0.925
2019	0.16	rs26232	CURATED	0.925
2011	0.16	rs26232	CURATED	0.925
2011	0.16	rs26232	CURATED	0.925
2009	0.2	rs2647046	CURATED	0.882
2011	0.2	rs2647046	CURATED	0.882
2015	0.08	rs2688608	CURATED	1

2011	0.16	rs2736172	CURATED	0.882
2010	0.16	rs2736172	CURATED	0.882
2010	0.16	rs2736172	CURATED	0.882
2010	0.16	rs2736172	CURATED	0.882
2010	0.16	rs2736172	CURATED	0.882
2019	0.48	rs2736340	CURATED	0.683
2017	0.48	rs2736340	CURATED	0.683
2019	0.48	rs2736340	CURATED	0.683
2016	0.48	rs2736340	CURATED	0.683
2017	0.48	rs2736340	CURATED	0.683
2011	0.48	rs2736340	CURATED	0.683
2019	0.16	rs2777899	CURATED	0.851
2019	0.16	rs2777899	CURATED	0.851
2019	0.16	rs2777899	CURATED	0.851
2016	0.2	rs2816316	CURATED	0.882
2017	0.2	rs2816316	CURATED	0.882
2011	0.2	rs2816316	CURATED	0.882
2011	0.2	rs2816316	CURATED	0.882
2017	0.2	rs2836878	CURATED	0.851
2019	0.2	rs2836878	CURATED	0.851
2017	0.2	rs2836878	CURATED	0.851
2017	0.2	rs2836878	CURATED	0.851
2018	0.2	rs2836878	CURATED	0.851
2011	0.16	rs2849015	CURATED	0.925
2011	0.16	rs2857161	CURATED	0.925
2016	0.36	rs2872507	CURATED	0.752
2012	0.36	rs2872507	CURATED	0.752
2012	0.36	rs2872507	CURATED	0.752
2012	0.36	rs2872507	CURATED	0.752
2012	0.36	rs2872507	CURATED	0.752
2013	0.36	rs2872507	CURATED	0.752
2011	0.16	rs2894249	CURATED	0.925
2016	0.08	rs290986	CURATED	1
2014	0.12	rs2935183	CURATED	0.925
2010	0.2	rs296547	CURATED	0.882
2011	0.2	rs296547	CURATED	0.882
2011	0.2	rs296547	CURATED	0.882
2011	0.2	rs296547	CURATED	0.882
2017	0.32	rs3024505	CURATED	0.79
2017	0.32	rs3024505	CURATED	0.79
2017	0.32	rs3024505	CURATED	0.79
2015	0.32	rs3024505	CURATED	0.79

2015	0.32	rs3024505	CURATED	0.79
2011	0.32	rs3024505	CURATED	0.79
2016	0.08	rs307896	CURATED	1
2019	0.72	rs3087243	CURATED	0.623
2019	0.72	rs3087243	CURATED	0.623
2019	0.72	rs3087243	CURATED	0.623
2019	0.72	rs3087243	CURATED	0.623
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	0.72	rs3087243	CURATED	0.623
2019	0.72	rs3087243	CURATED	0.623
2019	0.72	rs3087243	CURATED	0.623
2011	0.72	rs3087243	CURATED	0.623
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2014	0.16	rs3093023	CURATED	0.851
2011	0.16	rs3093023	CURATED	0.851
2011	0.16	rs3093023	CURATED	0.851
2010	0.08	rs3094609	CURATED	0.925
2010	0.08	rs3094609	CURATED	0.925
2010	0.08	rs3094609	CURATED	0.925
2010	0.08	rs3094609	CURATED	0.925
2007	0.2	rs3101942	CURATED	0.882
2009	0.2	rs3101942	CURATED	0.882
2012	0.12	rs3104373	CURATED	0.925
2009	0.2	rs3115576	CURATED	0.882
2011	0.2	rs3115576	CURATED	0.882
2020	0.28	rs3117098	CURATED	0.851
2007	0.28	rs3117098	CURATED	0.851
2011	0.28	rs3117098	CURATED	0.851
2015	0.36	rs3118470	CURATED	0.752
2012	0.28	rs3129720	CURATED	0.851
2011	0.28	rs3129720	CURATED	0.851
2013	0.28	rs3129720	CURATED	0.851
2011	0.24	rs3129768	CURATED	0.851
2009	0.24	rs3129768	CURATED	0.851
2012	0.24	rs3129768	CURATED	0.851
2007	0.32	rs3129871	CURATED	0.827
2011	0.32	rs3129871	CURATED	0.827
2010	0.32	rs3129871	CURATED	0.827
2012	0.32	rs3129871	CURATED	0.827
2011	0.16	rs3129872	CURATED	0.925
2011	0.16	rs3129877	CURATED	0.925

2015	0.24	rs3129882	CURATED	0.807
2011	0.24	rs3129882	CURATED	0.807
2013	0.24	rs3129882	CURATED	0.807
2011	0.24	rs3129882	CURATED	0.807
2010	0.2	rs3129900	CURATED	0.882
2010	0.2	rs3129900	CURATED	0.882
2012	0.16	rs3129932	CURATED	0.925
2011	0.16	rs3129932	CURATED	0.925
2007	0.16	rs3129934	CURATED	0.925
2011	0.24	rs3129941	CURATED	0.882
2007	0.24	rs3129941	CURATED	0.882
2014	0.08	rs3130000	CURATED	1
2009	0.24	rs3130050	CURATED	0.882
2007	0.24	rs3130050	CURATED	0.882
2009	0.24	rs3130299	CURATED	0.851
2007	0.24	rs3130299	CURATED	0.851
2014	0.24	rs3130299	CURATED	0.851
2011	0.2	rs3130311	CURATED	0.882
2009	0.2	rs3130311	CURATED	0.882
2011	0.16	rs3130320	CURATED	0.851
2014	0.16	rs3130320	CURATED	0.851
2017	0.16	rs3130320	CURATED	0.851
2012	0.16	rs3130320	CURATED	0.851
2017	0.28	rs3130501	CURATED	0.851
2011	0.28	rs3130501	CURATED	0.851
2011	0.28	rs3130501	CURATED	0.851
2010	0.08	rs3130558	CURATED	0.925
2010	0.08	rs3130558	CURATED	0.925
2010	0.08	rs3130558	CURATED	0.925
2010	0.08	rs3130558	CURATED	0.925
2007	0.36	rs3130564	CURATED	0.79
2012	0.36	rs3130564	CURATED	0.79
2014	0.36	rs3130564	CURATED	0.79
2015	0.36	rs3130564	CURATED	0.79
2011	0.36	rs3130564	CURATED	0.79
2012	0.36	rs3130564	CURATED	0.79
2007	0.2	rs3130933	CURATED	0.882
2010	0.08	rs3130975	CURATED	0.925
2010	0.08	rs3130975	CURATED	0.925
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2010	0.08	rs3130975	CURATED	0.925
2010	0.08	rs3130981	CURATED	0.925

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2010	0.08	rs3130981	CURATED	0.925
2010	0.08	rs3131009	CURATED	0.925
2010	0.08	rs3131009	CURATED	0.925
2010	0.08	rs3131009	CURATED	0.925
2010	0.08	rs3131009	CURATED	0.925
2007	0.16	rs3132486	CURATED	0.925
2014	0.16	rs3132524	CURATED	0.925
2009	0.24	rs3132946	CURATED	0.882
2007	0.24	rs3132946	CURATED	0.882
2007	0.36	rs3134603	CURATED	0.851
2009	0.36	rs3134603	CURATED	0.851
2013	0.36	rs3134603	CURATED	0.851
2009	0.2	rs3134926	CURATED	0.882
2011	0.2	rs3134926	CURATED	0.882
2007	0.24	rs3134943	CURATED	0.882
2009	0.24	rs3134943	CURATED	0.882
2018	0.24	rs3134954	CURATED	0.882
2009	0.24	rs3134954	CURATED	0.882
2007	0.24	rs3134954	CURATED	0.882
2011	0.24	rs3135338	CURATED	0.882
2007	0.24	rs3135338	CURATED	0.882
2011	0.16	rs3135342	CURATED	0.925
2009	0.36	rs3135363	CURATED	0.776
2011	0.36	rs3135363	CURATED	0.776
2009	0.36	rs3135363	CURATED	0.776
2013	0.36	rs3135363	CURATED	0.776
2011	0.16	rs3135377	CURATED	0.925
2011	0.16	rs3135392	CURATED	0.925
2018	0.12	rs3177928	CURATED	0.882
2018	0.12	rs3177928	CURATED	0.882
2013	0.12	rs3177928	CURATED	0.882
2018	0.12	rs3177928	CURATED	0.882
2013	0.12	rs3177928	CURATED	0.882
2017	0.28	rs3197999	CURATED	0.732
2017	0.28	rs3197999	CURATED	0.732
2017	0.28	rs3197999	CURATED	0.732
2013	0.28	rs3197999	CURATED	0.732
2011	0.28	rs3197999	CURATED	0.732
2016	0.28	rs3197999	CURATED	0.732
2018	0.28	rs3197999	CURATED	0.732

2017	0.28	rs3197999	CURATED	0.732
2016	0.28	rs3197999	CURATED	0.732
2016	0.08	rs338610	CURATED	1
2019	0.4	rs34536443	CURATED	0.667
2018	0.4	rs34536443	CURATED	0.667
2013	0.4	rs34536443	CURATED	0.667
2012	0.4	rs34536443	CURATED	0.667
2019	0.4	rs34536443	CURATED	0.667
2019	0.4	rs34536443	CURATED	0.667
2019	0.4	rs34536443	CURATED	0.667
2013	0.4	rs34536443	CURATED	0.667
2015	0.4	rs34536443	CURATED	0.667
2015	0.4	rs34536443	CURATED	0.667
2019	0.4	rs34536443	CURATED	0.667
2019	0.4	rs34536443	CURATED	0.667
2019	0.4	rs34536443	CURATED	0.667
2013	0.4	rs34536443	CURATED	0.667
2013	0.4	rs34536443	CURATED	0.667
2015	0.4	rs34536443	CURATED	0.667
2016	0.4	rs34536443	CURATED	0.667
2013	0.4	rs34536443	CURATED	0.667
2013	0.4	rs34536443	CURATED	0.667
2019	0.16	rs35929052	CURATED	0.827
2019	0.16	rs35929052	CURATED	0.827
2019	0.16	rs35929052	CURATED	0.827
2019	0.16	rs35929052	CURATED	0.827
2018	0.08	rs35967351	CURATED	1
2010	0.2	rs3748816	CURATED	0.827
2017	0.2	rs3748816	CURATED	0.827
2011	0.2	rs3748816	CURATED	0.827
2013	0.2	rs3748816	CURATED	0.827
2011	0.2	rs3748816	CURATED	0.827
2011	0.2	rs3748816	CURATED	0.827
2015	0.2	rs3761847	CURATED	0.827
2011	0.2	rs3761847	CURATED	0.827
2011	0.2	rs3761847	CURATED	0.827
2013	0.32	rs3761959	CURATED	0.827
2015	0.32	rs3761959	CURATED	0.827
2016	0.32	rs3761959	CURATED	0.827
2011	0.2	rs3763307	CURATED	0.882
2012	0.2	rs3763307	CURATED	0.882
2018	0.28	rs3764147	CURATED	0.807

2017	0.28	rs3764147	CURATED	0.807
2011	0.28	rs3764147	CURATED	0.807
2017	0.28	rs3764147	CURATED	0.807
2012	0.28	rs3806156	CURATED	0.827
2011	0.28	rs3806156	CURATED	0.827
2009	0.28	rs3806156	CURATED	0.827
2007	0.28	rs3806156	CURATED	0.827
2017	0.36	rs3817963	CURATED	0.776
2013	0.36	rs3817963	CURATED	0.776
2007	0.36	rs3817963	CURATED	0.776
2011	0.36	rs3817963	CURATED	0.776
2009	0.36	rs3825932	CURATED	0.827
2012	0.36	rs3825932	CURATED	0.827
2008	0.16	rs3828309	CURATED	0.882
2011	0.16	rs3828309	CURATED	0.882
2014	0.2	rs389883	CURATED	0.827
2009	0.2	rs389883	CURATED	0.827
2019	0.2	rs389883	CURATED	0.827
2019	0.2	rs389883	CURATED	0.827
2012	0.2	rs389883	CURATED	0.827
2016	0.08	rs394199	CURATED	1
2007	0.16	rs3957148	CURATED	0.925
2015	0.16	rs3957148	CURATED	0.925
2015	0.16	rs3957148	CURATED	0.925
2011	0.16	rs404890	CURATED	0.925
2013	0.08	rs4075958	CURATED	1
2019	0.08	rs4075958	CURATED	1
2009	0.16	rs4085613	CURATED	0.827
2017	0.2	rs4149576	CURATED	0.882
2009	0.16	rs425105	CURATED	0.925
2014	0.16	rs4263839	CURATED	0.807
2011	0.16	rs4263839	CURATED	0.807
2016	0.08	rs4285028	CURATED	1
2014	0.16	rs437179	CURATED	0.882
2009	0.16	rs437179	CURATED	0.882
2012	0.24	rs4409785	CURATED	0.752
2019	0.24	rs4409785	CURATED	0.752
2012	0.24	rs4409785	CURATED	0.752
2019	0.24	rs4409785	CURATED	0.752
2012	0.24	rs4409785	CURATED	0.752
2019	0.24	rs4409785	CURATED	0.752
2019	0.24	rs4409785	CURATED	0.752

2012	0.24	rs4409785	CURATED	0.752
2019	0.24	rs4409785	CURATED	0.752
2019	0.24	rs4409785	CURATED	0.752
2019	0.24	rs4409785	CURATED	0.752
2013	0.08	rs4410871	CURATED	0.925
2008	0.24	rs4613763	CURATED	0.851
2011	0.24	rs4613763	CURATED	0.851
2011	0.08	rs4648356	CURATED	1
2011	0.08	rs4648356	CURATED	1
2010	0.12	rs4654925	CURATED	0.925
2010	0.2	rs4675374	CURATED	0.882
2011	0.2	rs4675374	CURATED	0.882
2011	0.2	rs4675374	CURATED	0.882
2011	0.2	rs4675374	CURATED	0.882
2014	0.08	rs4713429	CURATED	1
2012	0.16	rs4750316	CURATED	0.882
2011	0.16	rs4750316	CURATED	0.882
2011	0.16	rs4750316	CURATED	0.882
2009	0.16	rs4763879	CURATED	0.925
2011	0.2	rs4788084	CURATED	0.827
2011	0.2	rs4788084	CURATED	0.827
2010	0.12	rs4807569	CURATED	0.925
2016	0.48	rs4810485	CURATED	0.732
2019	0.48	rs4810485	CURATED	0.732
2016	0.48	rs4810485	CURATED	0.732
2011	0.48	rs4810485	CURATED	0.732
2010	0.24	rs4819388	CURATED	0.79
2011	0.24	rs4819388	CURATED	0.79
2011	0.24	rs4819388	CURATED	0.79
2011	0.24	rs4819388	CURATED	0.79
2011	0.16	rs486416	CURATED	0.925
2009	0.16	rs4900384	CURATED	0.882
2019	0.12	rs4939490	CURATED	0.925
2009	0.16	rs4948088	CURATED	0.925
2015	0.12	rs495337	CURATED	0.925
2017	0.12	rs4957048	CURATED	0.925
2011	0.2	rs4959093	CURATED	0.882
2009	0.2	rs4959093	CURATED	0.882
2012	0.2	rs4959093	CURATED	0.882
2012	0.12	rs4963128	CURATED	0.882
2019	0.2	rs4976646	CURATED	0.851
2017	0.2	rs4976646	CURATED	0.851

2015	0.2	rs4976646	CURATED	0.851
2017	0.2	rs4976646	CURATED	0.851
2019	0.2	rs4976646	CURATED	0.851
2011	0.24	rs5000563	CURATED	0.882
2011	0.24	rs5000563	CURATED	0.882
2017	0.16	rs5029937	CURATED	0.882
2016	0.16	rs5029937	CURATED	0.882
2017	0.16	rs5029937	CURATED	0.882
2012	0.12	rs522308	CURATED	0.925
2019	0.12	rs522308	CURATED	0.925
2010	0.08	rs528878831	CURATED	0.925
2010	0.08	rs528878831	CURATED	0.925
2010	0.08	rs528878831	CURATED	0.925
2010	0.08	rs528878831	CURATED	0.925
2014	0.16	rs535586	CURATED	0.882
2011	0.16	rs535586	CURATED	0.882
2009	0.2	rs539703	CURATED	0.882
2012	0.2	rs539703	CURATED	0.882
2011	0.2	rs539703	CURATED	0.882
2009	0.12	rs544358	CURATED	0.925
2017	0.36	rs548234	CURATED	0.763
2011	0.36	rs548234	CURATED	0.763
2011	0.36	rs548234	CURATED	0.763
2009	0.2	rs574710	CURATED	0.882
2012	0.2	rs574710	CURATED	0.882
2011	0.2	rs574710	CURATED	0.882
2009	0.16	rs5753037	CURATED	0.925
2017	0.12	rs5771069	CURATED	0.925
2017	0.12	rs6017342	CURATED	0.925
2017	0.12	rs6017342	CURATED	0.925
2019	0.12	rs60600003	CURATED	0.827
2019	0.12	rs60600003	CURATED	0.827
2019	0.12	rs60600003	CURATED	0.827
2019	0.12	rs60600003	CURATED	0.827
2019	0.12	rs60600003	CURATED	0.827
2019	0.12	rs60600003	CURATED	0.827
2019	0.16	rs6062314	CURATED	0.925
2007	0.24	rs6074022	CURATED	0.851
2015	0.24	rs6074022	CURATED	0.851
2015	0.24	rs6074022	CURATED	0.851
2015	0.24	rs610604	CURATED	0.827
2015	0.24	rs610604	CURATED	0.827

2018	0.12	rs6131010	CURATED	0.925
2011	0.24	rs615672	CURATED	0.851
2012	0.24	rs615672	CURATED	0.851
2009	0.24	rs615672	CURATED	0.851
2012	0.24	rs615672	CURATED	0.851
2017	0.24	rs615672	CURATED	0.851
2014	0.2	rs630379	CURATED	0.882
2011	0.2	rs630379	CURATED	0.882
2012	0.08	rs630923	CURATED	1
2017	0.24	rs644045	CURATED	0.851
2011	0.24	rs644045	CURATED	0.851
2018	0.24	rs644045	CURATED	0.851
2012	0.16	rs6445975	CURATED	0.851
2009	0.16	rs644827	CURATED	0.882
2014	0.16	rs644827	CURATED	0.882
2018	0.48	rs6457617	CURATED	0.763
2019	0.48	rs6457617	CURATED	0.763
2011	0.48	rs6457617	CURATED	0.763
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2009	0.48	rs6457617	CURATED	0.763
2015	0.48	rs6457617	CURATED	0.763
2013	0.48	rs6457617	CURATED	0.763
2016	0.2	rs6457620	CURATED	0.882
2010	0.2	rs6457620	CURATED	0.882
2009	0.2	rs6457620	CURATED	0.882
2010	0.2	rs6457620	CURATED	0.882
2011	0.6	rs653178	CURATED	0.672
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2015	0.6	rs653178	CURATED	0.672
2013	0.6	rs653178	CURATED	0.672
2017	0.6	rs653178	CURATED	0.672
2011	0.6	rs653178	CURATED	0.672
2009	0.6	rs653178	CURATED	0.672
2009	0.6	rs653178	CURATED	0.672
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2016	0.6	rs653178	CURATED	0.672
2010	0.6	rs653178	CURATED	0.672
2016	0.6	rs653178	CURATED	0.672
2012	0.6	rs653178	CURATED	0.672

2012	0.6	rs653178	CURATED	0.672
2016	0.6	rs653178	CURATED	0.672
2018	0.6	rs653178	CURATED	0.672
2011	0.6	rs653178	CURATED	0.672
2015	0.6	rs653178	CURATED	0.672
2017	0.6	rs653178	CURATED	0.672
2018	0.6	rs653178	CURATED	0.672
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2016	0.6	rs653178	CURATED	0.672
2015	0.6	rs653178	CURATED	0.672
2015	0.6	rs653178	CURATED	0.672
2013	0.6	rs653178	CURATED	0.672
2010	0.6	rs653178	CURATED	0.672
2016	0.6	rs653178	CURATED	0.672
2013	0.6	rs653178	CURATED	0.672
2017	0.6	rs653178	CURATED	0.672
2019	0.6	rs653178	CURATED	0.672
2010	0.6	rs653178	CURATED	0.672
2013	0.6	rs653178	CURATED	0.672
2019	0.6	rs653178	CURATED	0.672
2017	0.32	rs6568431	CURATED	0.79
2017	0.32	rs6568431	CURATED	0.79
2011	0.16	rs659445	CURATED	0.882
2014	0.16	rs659445	CURATED	0.882
2009	0.16	rs660550	CURATED	0.882
2014	0.16	rs660550	CURATED	0.882
2016	0.2	rs6662618	CURATED	0.882
2017	0.2	rs6662618	CURATED	0.882
2017	0.16	rs666930	CURATED	0.925
2015	0.32	rs6679677	CURATED	0.653
2015	0.32	rs6679677	CURATED	0.653
2012	0.32	rs6679677	CURATED	0.653
2013	0.32	rs6679677	CURATED	0.653
2019	0.32	rs6679677	CURATED	0.653
2017	0.32	rs6679677	CURATED	0.653
2015	0.32	rs6679677	CURATED	0.653
2015	0.32	rs6679677	CURATED	0.653
2015	0.32	rs6679677	CURATED	0.653
2015	0.32	rs6679677	CURATED	0.653
2019	0.32	rs6679677	CURATED	0.653
2015	0.32	rs6679677	CURATED	0.653
2013	0.32	rs6679677	CURATED	0.653

2015	0.32	rs6679677	CURATED	0.653
2015	0.32	rs6679677	CURATED	0.653
2013	0.32	rs6679677	CURATED	0.653
2019	0.32	rs6679677	CURATED	0.653
2013	0.32	rs6679677	CURATED	0.653
2019	0.32	rs6679677	CURATED	0.653
2015	0.32	rs6679677	CURATED	0.653
2013	0.32	rs6679677	CURATED	0.653
2013	0.32	rs6679677	CURATED	0.653
2016	0.32	rs6679677	CURATED	0.653
2015	0.32	rs6679677	CURATED	0.653
2015	0.32	rs6679677	CURATED	0.653
2013	0.24	rs6793295	CURATED	0.827
2019	0.24	rs6793295	CURATED	0.827
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2017	0.24	rs6793295	CURATED	0.827
2015	0.52	rs6822844	CURATED	0.689
2020	0.52	rs6822844	CURATED	0.689
2013	0.52	rs6822844	CURATED	0.689
2011	0.52	rs6822844	CURATED	0.689
2012	0.16	rs6859219	CURATED	0.925
2011	0.16	rs6859219	CURATED	0.925
2011	0.16	rs6859219	CURATED	0.925
2015	0.08	rs6880778	CURATED	1
2019	0.12	rs6881706	CURATED	0.925
2017	0.56	rs6897932	CURATED	0.683
2009	0.12	rs6902723	CURATED	0.925
2009	0.2	rs6903130	CURATED	0.882
2007	0.2	rs6903130	CURATED	0.882
2014	0.4	rs6903608	CURATED	0.742
2012	0.4	rs6903608	CURATED	0.742
2007	0.4	rs6903608	CURATED	0.742
2011	0.4	rs6903608	CURATED	0.742
2011	0.4	rs6903608	CURATED	0.742
2007	0.28	rs6906846	CURATED	0.851
2010	0.28	rs6906846	CURATED	0.851
2010	0.28	rs6906846	CURATED	0.851
2010	0.28	rs6906846	CURATED	0.851
2010	0.28	rs6906846	CURATED	0.851
2015	0.32	rs6908425	CURATED	0.752
2011	0.32	rs6908425	CURATED	0.752
2019	0.44	rs6920220	CURATED	0.742

2017	0.44	rs6920220	CURATED	0.742
2017	0.44	rs6920220	CURATED	0.742
2019	0.44	rs6920220	CURATED	0.742
2011	0.44	rs6920220	CURATED	0.742
2011	0.44	rs6920220	CURATED	0.742
2014	0.16	rs6936204	CURATED	0.925
2011	0.16	rs6936204	CURATED	0.925
2010	0.32	rs694739	CURATED	0.763
2012	0.32	rs694739	CURATED	0.763
2010	0.32	rs694739	CURATED	0.763
2015	0.32	rs694739	CURATED	0.763
2015	0.32	rs694739	CURATED	0.763
2013	0.32	rs694739	CURATED	0.763
2017	0.2	rs7020673	CURATED	0.882
2019	0.32	rs706778	CURATED	0.695
2019	0.32	rs706778	CURATED	0.695
2015	0.32	rs706778	CURATED	0.695
2015	0.32	rs706778	CURATED	0.695
2019	0.32	rs706778	CURATED	0.695
2015	0.32	rs706778	CURATED	0.695
2019	0.32	rs706778	CURATED	0.695
2019	0.32	rs706778	CURATED	0.695
2015	0.32	rs706778	CURATED	0.695
2015	0.32	rs706778	CURATED	0.695
2015	0.32	rs706778	CURATED	0.695
2015	0.32	rs706778	CURATED	0.695
2015	0.32	rs706778	CURATED	0.695
2015	0.32	rs706778	CURATED	0.695
2011	0.32	rs706778	CURATED	0.695
2015	0.32	rs706778	CURATED	0.695
2017	0.2	rs71624119	CURATED	0.776
2016	0.2	rs71624119	CURATED	0.776
2016	0.2	rs71624119	CURATED	0.776
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2013	0.2	rs71624119	CURATED	0.776
2016	0.2	rs71624119	CURATED	0.776
2016	0.2	rs71624119	CURATED	0.776
2017	0.28	rs7194	CURATED	0.827
2012	0.28	rs7194	CURATED	0.827
2011	0.28	rs7194	CURATED	0.827
2013	0.28	rs7194	CURATED	0.827
2009	0.28	rs7194	CURATED	0.827

2015	0.2	rs7200786	CURATED	0.882
2007	0.2	rs7200786	CURATED	0.882
2018	0.16	rs7202877	CURATED	0.882
2009	0.16	rs7202877	CURATED	0.882
2009	0.16	rs7221109	CURATED	0.925
2019	0.08	rs7255066	CURATED	1
2016	0.36	rs72928038	CURATED	0.695
2019	0.36	rs72928038	CURATED	0.695
2019	0.36	rs72928038	CURATED	0.695
2019	0.36	rs72928038	CURATED	0.695
2016	0.36	rs72928038	CURATED	0.695
2012	0.36	rs72928038	CURATED	0.695
2012	0.36	rs72928038	CURATED	0.695
2012	0.36	rs72928038	CURATED	0.695
2016	0.36	rs72928038	CURATED	0.695
2016	0.36	rs72928038	CURATED	0.695
2016	0.36	rs72928038	CURATED	0.695
2019	0.36	rs72928038	CURATED	0.695
2016	0.36	rs72928038	CURATED	0.695
2019	0.36	rs72928038	CURATED	0.695
2016	0.36	rs72928038	CURATED	0.695
2016	0.36	rs72928038	CURATED	0.695
2015	0.36	rs72928038	CURATED	0.695
2016	0.36	rs72928038	CURATED	0.695
2010	0.08	rs7382297	CURATED	0.925
2010	0.08	rs7382297	CURATED	0.925
2010	0.08	rs7382297	CURATED	0.925
2010	0.08	rs7382297	CURATED	0.925
2014	0.2	rs743777	CURATED	0.827
2011	0.2	rs743777	CURATED	0.827
2011	0.2	rs743777	CURATED	0.827
2016	0.56	rs744166	CURATED	0.689
2011	0.56	rs744166	CURATED	0.689
2015	0.56	rs744166	CURATED	0.689
2017	0.44	rs7453920	CURATED	0.752
2018	0.44	rs7453920	CURATED	0.752
2017	0.44	rs7453920	CURATED	0.752
2014	0.44	rs7453920	CURATED	0.752
2007	0.44	rs7453920	CURATED	0.752
2017	0.72	rs7574865	CURATED	0.574
2017	0.72	rs7574865	CURATED	0.574
2019	0.72	rs7574865	CURATED	0.574

2017	0.72	rs7574865	CURATED	0.574
2017	0.72	rs7574865	CURATED	0.574
2014	0.72	rs7574865	CURATED	0.574
2011	0.72	rs7574865	CURATED	0.574
2017	0.72	rs7574865	CURATED	0.574
	0.72	rs7574865	CURATED	0.574
2012	0.72	rs7574865	CURATED	0.574
2008	0.36	rs762421	CURATED	0.851
2011	0.36	rs762421	CURATED	0.851
2015	0.52	rs763361	CURATED	0.689
2011	0.52	rs763361	CURATED	0.689
2013	0.52	rs763361	CURATED	0.689
2012	0.28	rs7665090	CURATED	0.807
2011	0.28	rs7665090	CURATED	0.807
2015	0.28	rs7665090	CURATED	0.807
2018	0.4	rs7708392	CURATED	0.732
2016	0.08	rs771767	CURATED	1
2017	0.16	rs7746082	CURATED	0.851
2017	0.16	rs7746082	CURATED	0.851
2011	0.16	rs7746082	CURATED	0.851
2015	0.16	rs7746082	CURATED	0.851
2011	0.2	rs7756262	CURATED	0.882
2009	0.2	rs7756262	CURATED	0.882
2013	0.16	rs7768538	CURATED	0.925
2009	0.16	rs7804356	CURATED	0.925
2010	0.12	rs7809799	CURATED	0.925
2019	0.16	rs7923837	CURATED	0.882
2017	0.16	rs7923837	CURATED	0.882
2017	0.32	rs7927894	CURATED	0.742
2018	0.32	rs7927894	CURATED	0.742
2011	0.32	rs7927894	CURATED	0.742
2013	0.32	rs7927894	CURATED	0.742
2019	0.16	rs793108	CURATED	0.925
2019	0.16	rs8021741	CURATED	0.925
2014	0.28	rs802734	CURATED	0.827
2019	0.28	rs802734	CURATED	0.827
2011	0.28	rs802734	CURATED	0.827
2019	0.28	rs802734	CURATED	0.827
2011	0.28	rs802734	CURATED	0.827
2011	0.28	rs802734	CURATED	0.827
2009	0.12	rs8049439	CURATED	0.925
2019	0.12	rs8049439	CURATED	0.925

2017	0.12	rs8049439	CURATED	0.925
2019	0.16	rs806321	CURATED	0.851
2019	0.16	rs806321	CURATED	0.851
2019	0.16	rs806321	CURATED	0.851
2019	0.12	rs8070463	CURATED	0.925
2013	0.16	rs8112449	CURATED	0.925
2015	0.24	rs849142	CURATED	0.807
2016	0.16	rs874040	CURATED	0.925
2011	0.16	rs874040	CURATED	0.925
2011	0.16	rs874040	CURATED	0.925
2017	0.08	rs874628	CURATED	1
2007	0.08	rs882300	CURATED	1
2007	0.08	rs882300	CURATED	1
2011	0.4	rs910049	CURATED	0.776
2007	0.4	rs910049	CURATED	0.776
2009	0.4	rs910049	CURATED	0.776
2007	0.4	rs910049	CURATED	0.776
2009	0.12	rs910050	CURATED	0.925
2015	0.48	rs917997	CURATED	0.701
2012	0.48	rs917997	CURATED	0.701
2013	0.48	rs917997	CURATED	0.701
2011	0.48	rs917997	CURATED	0.701
2011	0.48	rs917997	CURATED	0.701
2013	0.08	rs9260489	CURATED	1
2014	0.32	rs926070	CURATED	0.827
2007	0.32	rs926070	CURATED	0.827
2014	0.32	rs926070	CURATED	0.827
2009	0.32	rs926070	CURATED	0.827
2014	0.08	rs9262615	CURATED	1
2014	0.08	rs9262635	CURATED	1
2014	0.08	rs9262636	CURATED	1
2009	0.2	rs926591	CURATED	0.882
2012	0.2	rs926591	CURATED	0.882
2011	0.2	rs926591	CURATED	0.882
2009	0.24	rs9267649	CURATED	0.882
2007	0.24	rs9267649	CURATED	0.882
2009	0.24	rs9267658	CURATED	0.882
2007	0.24	rs9267658	CURATED	0.882
2009	0.16	rs9267873	CURATED	0.925
2011	0.2	rs9267954	CURATED	0.882
2009	0.2	rs9267954	CURATED	0.882
2011	0.2	rs9267971	CURATED	0.882

2009	0.2	rs9267971	CURATED	0.882
2009	0.24	rs9267992	CURATED	0.882
2007	0.24	rs9267992	CURATED	0.882
2012	0.2	rs9268402	CURATED	0.827
2009	0.2	rs9268402	CURATED	0.827
2012	0.2	rs9268402	CURATED	0.827
2012	0.24	rs9268403	CURATED	0.807
2011	0.24	rs9268403	CURATED	0.807
2011	0.16	rs9268429	CURATED	0.925
2011	0.2	rs9268480	CURATED	0.882
2012	0.2	rs9268480	CURATED	0.882
2016	0.2	rs9268557	CURATED	0.882
2009	0.2	rs9268557	CURATED	0.882
2011	0.2	rs9268560	CURATED	0.882
2009	0.2	rs9268560	CURATED	0.882
2009	0.36	rs9268645	CURATED	0.827
2013	0.36	rs9268645	CURATED	0.827
2011	0.36	rs9268645	CURATED	0.827
2009	0.36	rs9268645	CURATED	0.827
2011	0.28	rs9268831	CURATED	0.851
2009	0.28	rs9268831	CURATED	0.851
2007	0.16	rs9268832	CURATED	0.882
2013	0.16	rs9268832	CURATED	0.882
2014	0.16	rs9268832	CURATED	0.882
2013	0.44	rs9268853	CURATED	0.79
2011	0.44	rs9268853	CURATED	0.79
2012	0.44	rs9268853	CURATED	0.79
2013	0.44	rs9268853	CURATED	0.79
2011	0.44	rs9268853	CURATED	0.79
2009	0.44	rs9268853	CURATED	0.79
2019	0.44	rs9268853	CURATED	0.79
2012	0.44	rs9268853	CURATED	0.79
2012	0.2	rs9268858	CURATED	0.882
2011	0.2	rs9268858	CURATED	0.882
2012	0.2	rs9268858	CURATED	0.882
2009	0.2	rs9268858	CURATED	0.882
2018	0.2	rs9268877	CURATED	0.827
2017	0.2	rs9268877	CURATED	0.827
2009	0.2	rs9268877	CURATED	0.827
2009	0.16	rs9270986	CURATED	0.882
2015	0.16	rs9270986	CURATED	0.882
2019	0.24	rs9271366	CURATED	0.807

2015	0.24	rs9271366	CURATED	0.807
2013	0.24	rs9271366	CURATED	0.807
2015	0.24	rs9271366	CURATED	0.807
2010	0.24	rs9271366	CURATED	0.807
2009	0.24	rs9271366	CURATED	0.807
2010	0.24	rs9271366	CURATED	0.807
2009	0.24	rs9271366	CURATED	0.807
2015	0.12	rs9271640	CURATED	0.925
2012	0.12	rs9271640	CURATED	0.925
2015	0.12	rs9271640	CURATED	0.925
2015	0.32	rs9272346	CURATED	0.79
2019	0.32	rs9272346	CURATED	0.79
2011	0.32	rs9272346	CURATED	0.79
2012	0.32	rs9272346	CURATED	0.79
2019	0.32	rs9272346	CURATED	0.79
2009	0.32	rs9272346	CURATED	0.79
2019	0.32	rs9272346	CURATED	0.79
2011	0.2	rs9275418	CURATED	0.882
2009	0.2	rs9275418	CURATED	0.882
2011	0.16	rs9275523	CURATED	0.925
2017	0.36	rs9275572	CURATED	0.724
2016	0.36	rs9275572	CURATED	0.724
2013	0.36	rs9275572	CURATED	0.724
2012	0.36	rs9275572	CURATED	0.724
2013	0.36	rs9275572	CURATED	0.724
2011	0.36	rs9275572	CURATED	0.724
2011	0.36	rs9275572	CURATED	0.724
2009	0.36	rs9275572	CURATED	0.724
2011	0.16	rs9275765	CURATED	0.925
2011	0.16	rs9275772	CURATED	0.925
2011	0.16	rs9275793	CURATED	0.925
2009	0.12	rs9276440	CURATED	0.925
2012	0.2	rs9286879	CURATED	0.851
2011	0.2	rs9286879	CURATED	0.851
2014	0.2	rs9286879	CURATED	0.851
2012	0.12	rs9292777	CURATED	0.925
2018	0.16	rs9296009	CURATED	0.925
2014	0.16	rs934734	CURATED	0.925
2011	0.16	rs934734	CURATED	0.925
2011	0.16	rs934734	CURATED	0.925
2009	0.2	rs9368716	CURATED	0.882
2011	0.2	rs9368716	CURATED	0.882

2012	0.2	rs9368716	CURATED	0.882
2009	0.16	rs9388489	CURATED	0.925
2010	0.08	rs9391858	CURATED	0.925
2010	0.08	rs9391858	CURATED	0.925
2013	0.08	rs9391858	CURATED	0.925
2010	0.08	rs9391858	CURATED	0.925
2010	0.08	rs9391858	CURATED	0.925
2016	0.08	rs942637	CURATED	1
2009	0.36	rs9461799	CURATED	0.807
2007	0.36	rs9461799	CURATED	0.807
2009	0.36	rs9461799	CURATED	0.807
2019	0.16	rs9469220	CURATED	0.827
2019	0.16	rs9469220	CURATED	0.827
2009	0.16	rs9469220	CURATED	0.827
2009	0.12	rs9469240	CURATED	0.925
2008	0.44	rs947474	CURATED	0.827
2019	0.44	rs947474	CURATED	0.827
2016	0.44	rs947474	CURATED	0.827
2010	0.2	rs951005	CURATED	0.807
2011	0.2	rs951005	CURATED	0.807
2011	0.2	rs951005	CURATED	0.807
2019	0.08	rs9736016	CURATED	1
2010	0.2	rs9792269	CURATED	0.882
2011	0.2	rs9792269	CURATED	0.882
2011	0.2	rs9792269	CURATED	0.882
2011	0.2	rs9792269	CURATED	0.882
2012	0.08	rs9807334	CURATED	1
2015	0.4	rs9808753	CURATED	0.701
2012	0.08	rs9846396	CURATED	1
2013	0.12	rs9891119	CURATED	0.882
2013	0.12	rs9901869	CURATED	0.925
2009	0.2	rs9976767	CURATED	0.882
2015	0.12	rs9989735	CURATED	0.925

disease_type	ei	disease_name	disease_class_name
disease	1	Diabetes Mellitus	Nutritional and Metabo
phenotype	1	Autoantibody measurement	
disease	1	Crohn Disease	Digestive System Dise
disease	1	Asthma	Respiratory Tract Dise
phenotype	1	Blood basophil count (lab test)	
phenotype	1	Eosinophil count procedure	
phenotype	1	White Blood Cell Count procedure	
phenotype	1	Lymphocyte Count measurement	
disease	1	Lupus Erythemat	Skin and Connective T
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Systemic Sclerod	Skin and Connective T
disease	1	Primary biliary cir	Pathological Condition
disease	1	Biliary cirrhosis	Pathological Condition
disease	1	Scleroderma, Lim	Skin and Connective T
group	1	Autoimmune Dise	Immune System Disea
disease	1	Diffuse Scleroder	Skin and Connective T
group	1	Immune System	Immune System Disea
disease	1	Rheumatoid Arthr	Skin and Connective T
group	1	Inflammatory Bow	Digestive System Dise
disease	1	Diabetes Mellitus	Nutritional and Metabo
disease	1	Lupus Erythemat	Skin and Connective T
disease	1	Diabetes Mellitus	Nutritional and Metabo
disease	1	Crohn Disease	Digestive System Dise
disease	1	Ulcerative Colitis	Digestive System Dise
group	1	Inflammatory Bow	Digestive System Dise
disease	1	Asthma	Respiratory Tract Dise
disease	1	Psoriasis	Skin and Connective T
disease	1	Cholangitis, Scler	Digestive System Dise
disease	1	Ankylosing spond	Musculoskeletal Disea
group	1	Autoimmune Dise	Immune System Disea
disease	1	AUTOIMMUNE DISEASE, SUSCEPTIBILI	
disease	1	AUTOIMMUNE DISEASE, MULTISYSTEM	
disease	1	AUTOIMMUNE DISEASE, MULTISYSTEM	
disease	1	Ulcerative Colitis	Digestive System Dise
group	1	Inflammatory Bow	Digestive System Dise
disease	1	Celiac Disease	Digestive System Dise
group	1	Immune System	Immune System Disea
disease	1	Asthma	Respiratory Tract Dise
group	1	Autoimmune Dise	Immune System Disea
disease	1	Non-Hodgkin's ly	Neoplasms; Immune
disease	1	Celiac Disease	Digestive System Dise

disease	1	Asthma	Respiratory Tract Dise
group	1	Immune System	Immune System Disea
group	1	Autoimmune Dise	Immune System Disea
disease	1	Colorectal Carcin	Digestive System Dise
disease	1	Multiple Myeloma	Neoplasms; Immune
disease	1	Chronic Lymphoc	Neoplasms; Immune
disease	1	Celiac Disease	Digestive System Dise
disease	1	Malignant neopla	Neoplasms; Female
disease	1	Carcinoma of bla	Neoplasms; Female
group	1	Colorectal Neopla	Digestive System Dise
disease	1	Adenocarcinoma	Digestive System Dise
disease	1	COLORECTAL CANCER, SUSCEPTIBILI	
disease	1	Malignant tumor	Digestive System Dise
disease	1	COLORECTAL CANCER, SUSCEPTIBILI	
disease	1	Small Lymphocyti	Neoplasms; Immune
phenotype	1	COLORECTAL CANCER, SUSCEPTIBILI	
group	1	Lung Diseases, I	Respiratory Tract Dise
disease	1	Malignant neopla	Digestive System Dise
disease	1	COLORECTAL CANCER, SUSCEPTIBILI	
disease		Chronic osteomy	Infections; Musculos
disease	1	Crohn Disease	Digestive System Dise
disease	1	Asthma	Respiratory Tract Dise
disease	1	Ulcerative Colitis	Digestive System Dise
disease	1	Psoriasis	Skin and Connective T
disease	1	Ankylosing spond	Musculoskeletal Disea
disease	1	Cholangitis, Scler	Digestive System Dise
disease	1	Marginal Zone B-	Neoplasms; Immune
disease	1	Lupus Erythemat	Skin and Connective T
disease	1	Crohn Disease	Digestive System Dise
disease	1	Asthma	Respiratory Tract Dise
disease	1	Crohn Disease	Digestive System Dise
disease	1	Ulcerative Colitis	Digestive System Dise
disease	1	Asthma	Respiratory Tract Dise
disease	1	Celiac Disease	Digestive System Dise
disease	1	Asthma	Respiratory Tract Dise
disease	1	Ankylosing spond	Musculoskeletal Disea
group	1	Immune System	Immune System Disea
disease	1	Cholangitis, Scler	Digestive System Dise
group	1	Autoimmune Dise	Immune System Disea
disease	1	Ulcerative Colitis	Digestive System Dise
group	1	Inflammatory Bow	Digestive System Dise
phenotype	1	Tonometry	

disease	1	Psoriasis	Skin and Connective T
disease	1	Crohn Disease	Digestive System Dise
disease	1	Lupus Erythemat	Skin and Connective T
disease	1	Primary biliary cir	Pathological Condition
disease	1	Primary biliary cir	Pathological Condition
disease	1	Crohn Disease	Digestive System Dise
disease	1	Asthma	Respiratory Tract Dise
disease	1	Crohn Disease	Digestive System Dise
disease	1	Ulcerative Colitis	Digestive System Dise
disease	1	Asthma	Respiratory Tract Dise
disease	1	Rheumatoid Arthr	Skin and Connective T
group	1	Immune System	Immune System Disea
group	1	Autoimmune Dise	Immune System Disea
phenotype	1	immunoglobulin G index	
phenotype	1	IgG Index (procedure)	
disease	1	Rheumatoid Arthr	Skin and Connective T
group	1	Immune System	Immune System Disea
group	1	Autoimmune Dise	Immune System Disea
disease	1	Celiac Disease	Digestive System Dise
group	1	Autoimmune Dise	Immune System Disea
disease	1	Asthma	Respiratory Tract Dise
group	1	Immune System	Immune System Disea
disease	0.666667	Crohn Disease	Digestive System Dise
disease	1	Asthma	Respiratory Tract Dise
disease	1	Diabetes Mellitus	Nutritional and Metabo
phenotype	1	Autoantibody measurement	
disease	1	Latent Autoimmu	Nutritional and Metabo
disease	1	Age related macu	Eye Diseases
disease	1	Chronic Lymphoc	Neoplasms; Immune
disease	1	Small Lymphocyti	Neoplasms; Immune
disease	1	Gout	Congenital, Hereditary
phenotype	1	Glomerular Filtration Rate	
disease	1	Arthritis, Gouty	Congenital, Hereditary
disease	1	Systemic Sclerod	Skin and Connective T
disease	1	Lupus Erythemat	Skin and Connective T
phenotype	1	Uric acid measurement (procedure)	
phenotype	1	von Willebrand's factor (lab test)	
disease	1	Crohn Disease	Digestive System Dise
group	1	Inflammatory Bow	Digestive System Dise
disease	1	Marginal Zone B-	Neoplasms; Immune
disease	1	Ankylosing spond	Musculoskeletal Disea
disease	1	Celiac Disease	Digestive System Dise

group	1	Immune System	Immune System Disea
group	1	Autoimmune Dise	Immune System Disea
disease	1	Asthma	Respiratory Tract Dise
disease	1	Diabetes Mellitus	Nutritional and Metabo
disease	1	Primary biliary cir	Pathological Condition
phenotype	1	Autoantibody measurement	
disease	1	Crohn Disease	Digestive System Dise
disease	1	Small Lymphocyti	Neoplasms; Immune
disease	1	Chronic Lymphoc	Neoplasms; Immune
disease	1	Diabetes Mellitus	Nutritional and Metabo
disease	1	Primary biliary cir	Pathological Condition
disease	1	Celiac Disease	Digestive System Dise
group	1	Immune System	Immune System Disea
group	1	Autoimmune Dise	Immune System Disea
disease	1	Asthma	Respiratory Tract Dise
group	1	Inflammatory Bow	Digestive System Dise
disease	1	Ulcerative Colitis	Digestive System Dise
disease	1	Crohn Disease	Digestive System Dise
phenotype	1	Disease recurrence	
disease	1	Celiac Disease	Digestive System Dise
disease	1	Crohn Disease	Digestive System Dise
disease	1	Ulcerative Colitis	Digestive System Dise
group	1	Autoimmune Dise	Immune System Disea
disease	1	Asthma	Respiratory Tract Dise
group	1	Immune System	Immune System Disea
disease	1	Celiac Disease	Digestive System Dise
disease	1	Asthma	Respiratory Tract Dise
group	1	Autoimmune Dise	Immune System Disea
group	1	Immune System	Immune System Disea
disease	1	Arthritis, Psoriatic	Skin and Connective T
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Celiac Disease	Digestive System Dise
group	1	Autoimmune Dise	Immune System Disea
disease	1	Asthma	Respiratory Tract Dise
group	1	Immune System	Immune System Disea
disease	1	Celiac Disease	Digestive System Dise
group	1	Autoimmune Dise	Immune System Disea
disease	1	Asthma	Respiratory Tract Dise
group	1	Immune System	Immune System Disea
disease	1	Diffuse Large B-C	Neoplasms; Immune
disease	1	Marginal Zone B-	Neoplasms; Immune
disease	1	Celiac Disease	Digestive System Dise

disease	1	Asthma	Respiratory Tract Dise
group	1	Immune System	Immune System Disea
group	1	Autoimmune Dise	Immune System Disea
disease	1	Rheumatoid Arthr	Skin and Connective T
group	1	Immune System	Immune System Disea
group	1	Autoimmune Dise	Immune System Disea
disease	1	Celiac Disease	Digestive System Dise
phenotype	1	Triglycerides measurement	
phenotype	1	Mean Corpuscular Volume (result)	
phenotype	1	Red Blood Cell Count measurement	
disease	1	Diffuse Large B-C	Neoplasms; Immune
disease	1	Small Lymphocyti	Neoplasms; Immune
phenotype	1	Corpuscular Hemoglobin Concentration M	
phenotype	1	Reticulocyte count (procedure)	
disease	1	Chronic Lymphoc	Neoplasms; Immune
phenotype	1	RDW - Red blood cell distribution width re	
phenotype	1	Red cell distribution width determination	
phenotype	1	Finding of Mean Corpuscular Hemoglobin	
disease	1	Crohn Disease	Digestive System Dise
disease	1	Asthma	Respiratory Tract Dise
disease	1	Vitiligo	Skin and Connective T
disease	1	Celiac Disease	Digestive System Dise
group	1	Immune System	Immune System Disea
disease	1	Asthma	Respiratory Tract Dise
group	1	Autoimmune Dise	Immune System Disea
phenotype	1	Allergic Reaction	Immune System Disea
disease	1	Diabetes Mellitus	Nutritional and Metabo
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Hashimoto Disea	Endocrine System Dis
disease	1	Graves Disease	Eye Diseases; Immu
disease	1	Autoimmune thyr	Immune System Disea
disease	1	Crohn Disease	Digestive System Dise
disease	1	Asthma	Respiratory Tract Dise
disease	1	Ulcerative Colitis	Digestive System Dise
disease	1	Mucocutaneous L	Skin and Connective T
group	1	Inflammatory Bow	Digestive System Dise
disease	1	Rheumatoid Arthr	Skin and Connective T
phenotype	1	mathematical ability	
disease	1	Crohn Disease	Digestive System Dise
disease	1	Diffuse Large B-C	Neoplasms; Immune
disease	1	Celiac Disease	Digestive System Dise
group	1	Autoimmune Dise	Immune System Disea

disease	1	Asthma	Respiratory Tract Dise
group	1	Immune System	Immune System Disea
group	1	Inflammatory Bow	Digestive System Dise
disease	1	Crohn Disease	Digestive System Dise
disease	1	Ulcerative Colitis	Digestive System Dise
disease	1	Ulcerative Colitis	Digestive System Dise
disease	1	Crohn Disease	Digestive System Dise
disease	1	Ulcerative Colitis	Digestive System Dise
disease	1	Asthma	Respiratory Tract Dise
disease	1	Celiac Disease	Digestive System Dise
group	1	Autoimmune Dise	Immune System Disea
disease	1	Asthma	Respiratory Tract Dise
group	1	Immune System	Immune System Disea
disease	1	Ulcerative Colitis	Digestive System Dise
phenotype	1	Allergic Reaction	Immune System Disea
disease	1	Rheumatoid Arthr	Skin and Connective T
phenotype	1	Eosinophil count procedure	
phenotype	1	C-reactive protein measurement	
disease	1	Crohn Disease	Digestive System Dise
disease	1	Asthma	Respiratory Tract Dise
disease	1	Diabetes Mellitus	Nutritional and Metabo
group	1	Cerebrovascular	Nervous System Disea
disease	1	Coronary Artery D	Cardiovascular Diseas
phenotype	1	Low density lipoprotein cholesterol measu	
phenotype	1	Serum total cholesterol measurement	
phenotype	1	Serum LDL cholesterol measurement	
phenotype	1	Corpuscular Hemoglobin Concentration M	
phenotype	1	Glomerular Filtration Rate	
disease	1	Tetralogy of Fallo	Congenital, Hereditary
phenotype	1	Uric acid measurement (procedure)	
phenotype	1	Red Blood Cell Count measurement	
phenotype	1	Systolic Pressure	
phenotype	1	Diastolic blood pressure	
phenotype	1	Alcohol consump	Behavior and Behavio
phenotype	1	Mean blood pressure	
disease	1	Hypothyroidism	Endocrine System Dis
phenotype	1	High density lipoprotein measurement	
disease	1	Psoriasis	Skin and Connective T
disease	1	Dermatitis, Atopic	Congenital, Hereditary
disease	1	Celiac Disease	Digestive System Dise
disease	1	Behcet Syndrome	Congenital, Hereditary
group	1	Autoimmune Dise	Immune System Disea

disease	1	Asthma	Respiratory Tract Dise
group	1	Immune System	Immune System Disea
disease	1	Primary biliary cir	Pathological Condition
disease	1	Biliary cirrhosis	Pathological Condition
disease	1	Huntington Disea	Congenital, Hereditary
disease	1	Crohn Disease	Digestive System Dise
disease	0.666667	Diabetes Mellitus	Nutritional and Metabo
group	1	Autoimmune Dise	Immune System Disea
group	1	Inflammatory Bow	Digestive System Dise
disease	1	Celiac Disease	Digestive System Dise
group	1	Immune System	Immune System Disea
disease	1	Ulcerative Colitis	Digestive System Dise
disease	1	AUTOIMMUNE DISEASE, MULTISYSTEM	
disease	1	AUTOIMMUNE DISEASE, MULTISYSTEM	
disease	1	Asthma	Respiratory Tract Dise
disease	1	AUTOIMMUNE DISEASE, SUSCEPTIBILI	
phenotype	1	Triglycerides measurement	
disease	0.833333	Rheumatoid Arthr	Skin and Connective T
disease	1	Celiac Disease	Digestive System Dise
disease	0.954545	Diabetes Mellitus	Nutritional and Metabo
disease	1	Lupus Erythemat	Skin and Connective T
disease	1	Psoriasis	Skin and Connective T
disease	1	Selective immunoglobulin A deficiency	
phenotype	1	Immunoglobulin A measurement	
disease	1	Immunoglobulin A	Immune System Disea
group	1	Inflammatory Bow	Digestive System Dise
phenotype	1	Autoantibody measurement	
group	1	Protein measurement	
disease	1	Hodgkin Disease	Neoplasms; Immune
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Liver carcinoma	Digestive System Dise
disease	1	Graves Disease	Eye Diseases; Immu
disease	1	Lupus Erythemat	Skin and Connective T
disease	1	Diabetes Mellitus	Nutritional and Metabo
disease	1	Hepatitis B	Digestive System Dise
disease	0.9	Psoriasis	Skin and Connective T
disease	1	Hodgkin Disease	Neoplasms; Immune
disease	1	Asthma	Respiratory Tract Dise
phenotype	1	Allergic Reaction	Immune System Disea
disease	1	Dermatitis, Atopic	Congenital, Hereditary
disease		ASTHMA, SUSCEPTIBILITY TO (finding)	
phenotype		ALLERGIC RHINITIS, SUSCEPTIBILITY T	

disease	1	Psoriasis	Skin and Connective T
phenotype	1	Body Height	
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Coronary Artery D	Cardiovascular Diseas
disease	1	Graves Disease	Eye Diseases; Immu
disease	0.933333	Sarcoidosis	Hemic and Lymphatic
disease	1	Diabetes Mellitus	Nutritional and Metabo
disease	1	Rheumatoid Arthr	Skin and Connective T
phenotype		SARCOIDOSIS, SUSCEPTIBILITY TO, 2	
disease	1	Narcolepsy	Nervous System Disea
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Narcolepsy	Nervous System Disea
disease	1	Psoriasis	Skin and Connective T
phenotype	1	Systolic Pressure	
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Ankylosing spond	Musculoskeletal Disea
disease	1	Crohn Disease	Digestive System Dise
disease	1	Cholangitis, Scler	Digestive System Dise
disease	1	Psoriasis	Skin and Connective T
disease	1	Ulcerative Colitis	Digestive System Dise
group	1	Autoimmune Dise	Immune System Disea
group	1	Immune System	Immune System Disea
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Crohn Disease	Digestive System Dise
group	1	Inflammatory Bow	Digestive System Dise
phenotype	1	Diastolic blood pressure	
disease	1	Asthma	Respiratory Tract Dise
disease	1	Crohn Disease	Digestive System Dise
disease	1	Psoriasis	Skin and Connective T
disease	1	Ulcerative Colitis	Digestive System Dise
disease	1	Lupus Erythemat	Skin and Connective T
disease	1	Chemical and Dr	Digestive System Dise
disease	1	Narcolepsy	Nervous System Disea
disease	1	Rheumatoid Arthr	Skin and Connective T
disease		Chronic Obstructi	Respiratory Tract Dise
disease	1	Diabetes Mellitus	Nutritional and Metabo
phenotype	1	Systolic Pressure	
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Lupus Erythemat	Skin and Connective T
disease	1	Crohn Disease	Digestive System Dise
disease	1	Asthma	Respiratory Tract Dise

disease	1	Diabetes Mellitus	Nutritional and Metabo
phenotype	1	Blood Protein Measurement	
disease	1	Cholangitis, Scler	Digestive System Dise
phenotype	0.75	Venous Thrombo	Cardiovascular Diseas
disease	1	Asthma	Respiratory Tract Dise
disease	1	Diabetes Mellitus	Nutritional and Metabo
disease	1	Precursor Cell Ly	Neoplasms; Immune
disease	1	Childhood asthm	Respiratory Tract Dise
disease	1	Primary biliary cir	Pathological Condition
phenotype	1	Allergic Reaction	Immune System Disea
disease	1	Diabetes Mellitus	Nutritional and Metabo
disease	1	Alopecia Areata	Skin and Connective T
disease	1	Polycystic Ovary	Neoplasms; Female
phenotype	1	Autoantibody measurement	
disease	1	Primary biliary cir	Pathological Condition
disease	1	Biliary cirrhosis	Pathological Condition
disease	1	Diabetes Mellitus	Nutritional and Metabo
group	1	Autoimmune Dise	Immune System Disea
disease	1	AUTOIMMUNE DISEASE, SUSCEPTIBILI	
disease	1	Lupus Erythemat	Skin and Connective T
disease	1	AUTOIMMUNE DISEASE, MULTISYSTEM	
disease	1	AUTOIMMUNE DISEASE, MULTISYSTEM	
disease	1	Primary biliary cir	Pathological Condition
disease	1	Crohn Disease	Digestive System Dise
disease	1	Ulcerative Colitis	Digestive System Dise
disease	1	Asthma	Respiratory Tract Dise
disease	1	Cholangitis, Scler	Digestive System Dise
disease	1	Graves Disease	Eye Diseases; Immu
disease	1	Ankylosing spond	Musculoskeletal Disea
disease	1	Psoriasis	Skin and Connective T
disease	0.9	Asthma	Respiratory Tract Dise
disease	0.75	Childhood asthm	Respiratory Tract Dise
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Ulcerative Colitis	Digestive System Dise
disease	1	Primary biliary cir	Pathological Condition
phenotype	1	Allergic Reaction	Immune System Disea
group	1	Inflammatory Bow	Digestive System Dise
phenotype	1	C-reactive protein measurement	
disease	1	Celiac Disease	Digestive System Dise
disease	1	Lupus Erythemat	Skin and Connective T
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Asthma	Respiratory Tract Dise

group	1	Autoimmune Dise	Immune System Disea
group	1	Immune System	Immune System Disea
phenotype	1	White Blood Cell Count procedure	
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Diabetes Mellitus	Nutritional and Metabo
disease	1	Diabetes Mellitus	Nutritional and Metabo
disease	1	Sarcoidosis	Hemic and Lymphatic
disease	1	Rheumatoid Arthr	Skin and Connective T
group	1	Epstein-Barr Viru	Infections
group	1	Inflammatory Bow	Digestive System Dise
disease	1	Narcolepsy	Nervous System Disea
disease	1	Diabetes Mellitus	Nutritional and Metabo
disease	1	Diffuse Large B-C	Neoplasms; Immune
disease	1	Marginal Zone B-	Neoplasms; Immune
disease	1	Hodgkin Disease	Neoplasms; Immune
disease	1	Lupus Erythemat	Skin and Connective T
disease	1	Psoriasis	Skin and Connective T
disease	1	Sarcoidosis	Hemic and Lymphatic
group	1	Antibody measurement (procedure)	
disease	1	Chronic Lymphoc	Neoplasms; Immune
disease	1	Nasopharyngeal	Neoplasms; Stomato
disease	0.95	Diabetes Mellitus	Nutritional and Metabo
disease	0.876543	Rheumatoid Arthr	Skin and Connective T
disease	0.857143	Graves Disease	Eye Diseases; Immu
disease	0.972222	Lupus Erythemat	Skin and Connective T
group	0.980198	Autoimmune Dise	Immune System Disea
disease	0.9	Vitiligo	Skin and Connective T
disease	0.8	Crohn Disease	Digestive System Dise
disease	0.666667	Hashimoto Disea	Endocrine System Dis
group	1	Immune System	Immune System Disea
disease	1	Hypothyroidism	Endocrine System Dis
disease	0.857143	Systemic Sclerod	Skin and Connective T
disease	1	Alopecia Areata	Skin and Connective T
disease	0.8	Psoriasis	Skin and Connective T
disease	1	Myasthenia Gravi	Neoplasms; Immune
disease	1	Ulcerative Colitis	Digestive System Dise
disease	1	Diabetes Mellitus	Nutritional and Metabo
disease	1	Autoimmune thyr	Immune System Disea
disease	1	Latent Autoimmu	Nutritional and Metabo
disease	1	Ankylosing spond	Musculoskeletal Disea
disease	1	Polymyositis	Musculoskeletal Disea
disease	1	Hodgkin Disease	Neoplasms; Immune

disease	1	Basal Cell Neopla	Neoplasms
phenotype	1	Lymphocyte Count measurement	
disease	1	Myositis	Musculoskeletal Disea
disease	1	Cholangitis, Scler	Digestive System Dise
phenotype	1	White Blood Cell Count procedure	
disease	1	AUTOIMMUNE DISEASE, SUSCEPTIBILI	
disease		VITILIGO-ASSOCIATED MULTIPLE AUT	
phenotype	1	Neutrophil count (procedure)	
disease	1	AUTOIMMUNE DISEASE, MULTISYSTEM	
phenotype	1	Granulocyte count	
phenotype	1	Autoantibody measurement	
disease	1	Basal Cell Cance	Neoplasms
disease	1	Basal cell carcino	Neoplasms
phenotype	1	Blood basophil count (lab test)	
disease	1	AUTOIMMUNE DISEASE, MULTISYSTEM	
phenotype	1	Eosinophil count procedure	
disease	1	Asthma	Respiratory Tract Dise
disease	1	Diabetes Mellitus	Nutritional and Metabo
phenotype	1	AIDS, PROGRESSION TO	
disease	1	HUMAN IMMUNODEFICIENCY VIRUS TY	
phenotype	1	HIV-1, RESISTANCE TO	
phenotype	1	ACQUIRED IMMUNODEFICIENCY SYND	
disease	1	Coronary heart di	Cardiovascular Diseas
disease	1	Rheumatoid Arthr	Skin and Connective T
phenotype	1	Lymphocyte Count measurement	
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Crohn Disease	Digestive System Dise
disease	1	Diabetes Mellitus	Nutritional and Metabo
disease	1	Juvenile arthritis	Skin and Connective T
disease	1	Asthma	Respiratory Tract Dise
phenotype	1	Autoantibody measurement	
disease	1	Psoriasis	Skin and Connective T
disease	1	Primary biliary cir	Pathological Condition
disease	1	Malignant neopla	Neoplasms; Respira
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Rheumatoid Arthr	Skin and Connective T
group	1	Autoimmune Dise	Immune System Disea
group	1	Immune System	Immune System Disea
disease	1	Narcolepsy	Nervous System Disea
disease	1	Rheumatoid Arthr	Skin and Connective T
group	1	Inflammatory Bow	Digestive System Dise

disease	1	Rheumatoid Arthr	Skin and Connective T
phenotype	1	ACQUIRED IMMUNODEFICIENCY SYND	
phenotype	1	AIDS, PROGRESSION TO	
disease	1	HUMAN IMMUNODEFICIENCY VIRUS TY	
phenotype	1	HIV-1, RESISTANCE TO	
disease	1	Lupus Erythemat	Skin and Connective T
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Systemic Sclerod	Skin and Connective T
disease	1	Mucocutaneous L	Skin and Connective T
group	1	Autoimmune Dise	Immune System Disea
group	1	Immune System	Immune System Disea
disease	1	Marginal Zone B-	Neoplasms; Immune
disease	1	Small Lymphocyti	Neoplasms; Immune
disease	1	Chronic Lymphoc	Neoplasms; Immune
disease	1	Celiac Disease	Digestive System Dise
group	1	Autoimmune Dise	Immune System Disea
group	1	Immune System	Immune System Disea
disease	1	Asthma	Respiratory Tract Dise
group	1	Inflammatory Bow	Digestive System Dise
phenotype	1	C-reactive protein measurement	
disease	1	Ulcerative Colitis	Digestive System Dise
disease	1	Crohn Disease	Digestive System Dise
phenotype	1	Triglycerides measurement	
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Crohn Disease	Digestive System Dise
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Ulcerative Colitis	Digestive System Dise
disease	1	Asthma	Respiratory Tract Dise
disease	1	Primary biliary cir	Pathological Condition
phenotype	1	Allergic Reaction	Immune System Disea
disease	1	Rheumatoid Arthr	Skin and Connective T
phenotype	1	High density lipoprotein measurement	
disease	1	Amyotrophic Late	Nutritional and Metabo
disease	1	Celiac Disease	Digestive System Dise
disease	1	Asthma	Respiratory Tract Dise
group	1	Autoimmune Dise	Immune System Disea
group	1	Immune System	Immune System Disea
disease	0.875	Crohn Disease	Digestive System Dise
disease	0.888889	Ulcerative Colitis	Digestive System Dise
group	1	Inflammatory Bow	Digestive System Dise
disease	1	Diabetes Mellitus	Nutritional and Metabo

disease	1	Lupus Erythemat	Skin and Connective T
phenotype	1	Autoantibody measurement	
phenotype	1	Triglycerides measurement	
disease	0.8	Diabetes Mellitus	Nutritional and Metabo
disease	0.818182	Rheumatoid Arthr	Skin and Connective T
group	1	Autoimmune Dise	Immune System Disea
disease	1	Hypothyroidism	Endocrine System Dis
disease	1	AUTOIMMUNE DISEASE, SUSCEPTIBILI	
group	1	Immune System	Immune System Disea
disease		CELIAC DISEASE, SUSCEPTIBILITY TO,	
disease	1	AUTOIMMUNE DISEASE, MULTISYSTEM	
disease	1	AUTOIMMUNE DISEASE, MULTISYSTEM	
phenotype	1	Autoantibody measurement	
phenotype		HASHIMOTO THYROIDITIS, SUSCEPTIB	
disease	1	Rheumatoid Arthr	Skin and Connective T
group	1	Immune System	Immune System Disea
group	1	Autoimmune Dise	Immune System Disea
disease	1	HUMAN IMMUNODEFICIENCY VIRUS TY	
phenotype	1	HIV-1, RESISTANCE TO	
phenotype	1	ACQUIRED IMMUNODEFICIENCY SYND	
phenotype	1	AIDS, PROGRESSION TO	
disease	1	Diabetes Mellitus	Nutritional and Metabo
disease	1	Narcolepsy	Nervous System Disea
disease	1	Sarcoidosis	Hemic and Lymphatic
disease	1	Narcolepsy	Nervous System Disea
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Asthma	Respiratory Tract Dise
disease	1	Diabetes Mellitus	Nutritional and Metabo
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Alopecia Areata	Skin and Connective T
disease	1	Hypothyroidism	Endocrine System Dis
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Hepatitis B	Digestive System Dise
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Narcolepsy	Nervous System Disea
disease	1	Sarcoidosis	Hemic and Lymphatic
disease	1	Diabetes Mellitus	Nutritional and Metabo
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Systemic Sclerod	Skin and Connective T
disease	1	Mucocutaneous L	Skin and Connective T
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Rheumatoid Arthr	Skin and Connective T

disease	0.818182	Parkinson Diseas	Nervous System Disea
disease	1	Systemic Sclerod	Skin and Connective T
disease	1	Hodgkin Disease	Neoplasms; Immune
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Chemical and Dr	Digestive System Dise
disease	1	Narcolepsy	Nervous System Disea
phenotype	1	Lymphocyte Count measurement	
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Diabetes Mellitus	Nutritional and Metabo
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Diabetes Mellitus	Nutritional and Metabo
group	1	Cardiomyopathy,	Cardiovascular Diseas
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Diabetes Mellitus	Nutritional and Metabo
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Diabetes Mellitus	Nutritional and Metabo
disease	1	Lupus Erythemat	Skin and Connective T
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Narcolepsy	Nervous System Disea
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Lupus Erythemat	Skin and Connective T
phenotype	1	Physical Activity Measurement	
disease	1	Alopecia Areata	Skin and Connective T
disease	0.75	Diabetes Mellitus	Nutritional and Metabo
disease	1	Stevens-Johnson	Skin and Connective T
disease	1	Toxic Epidermal	Skin and Connective T
phenotype	1	HIV-1, RESISTANCE TO	
disease	1	HUMAN IMMUNODEFICIENCY VIRUS TY	
phenotype	1	ACQUIRED IMMUNODEFICIENCY SYND	
phenotype	1	AIDS, PROGRESSION TO	
disease	1	Diabetes Mellitus	Nutritional and Metabo
disease	1	Myasthenia Gravi	Neoplasms; Immune
disease	1	Lupus Erythemat	Skin and Connective T
disease	1	Lupus Erythemat	Skin and Connective T
disease	1	Membranous glo	Female Urogenital Dis
disease	1	Malignant neopla	Neoplasms; Respira
disease	1	Diabetes Mellitus	Nutritional and Metabo
phenotype	1	AIDS, PROGRESSION TO	
phenotype	1	HIV-1, RESISTANCE TO	
disease	1	HUMAN IMMUNODEFICIENCY VIRUS TY	
phenotype	1	ACQUIRED IMMUNODEFICIENCY SYND	
phenotype	1	HIV-1, RESISTANCE TO	

phenotype	1	ACQUIRED IMMUNODEFICIENCY SYND	
phenotype	1	AIDS, PROGRESSION TO	
disease	1	HUMAN IMMUNODEFICIENCY VIRUS TY	
phenotype	1	ACQUIRED IMMUNODEFICIENCY SYND	
phenotype	1	AIDS, PROGRESSION TO	
disease	1	HUMAN IMMUNODEFICIENCY VIRUS TY	
phenotype	1	HIV-1, RESISTANCE TO	
disease	1	Diabetes Mellitus	Nutritional and Metabo
disease	1	Diabetes Mellitus	Nutritional and Metabo
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Diabetes Mellitus	Nutritional and Metabo
disease	1	Diabetes Mellitus	Nutritional and Metabo
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Multiple Myeloma	Neoplasms; Immune
disease	1	Narcolepsy	Nervous System Disea
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Diabetes Mellitus	Nutritional and Metabo
disease	1	Rheumatoid Arthr	Skin and Connective T
phenotype	1	Tonometry	
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Diabetes Mellitus	Nutritional and Metabo
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Diabetes Mellitus	Nutritional and Metabo
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Primary biliary cir	Pathological Condition
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Biliary cirrhosis	Pathological Condition
disease	1	Liver carcinoma	Digestive System Dise
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Rheumatoid Arthr	Skin and Connective T
phenotype	1	Serum total cholesterol measurement	
phenotype	1	Low density lipoprotein cholesterol measu	
phenotype	1	Allergic Reaction	Immune System Disea
phenotype	1	Triglycerides measurement	
phenotype	1	Serum LDL cholesterol measurement	
group	1	Inflammatory Bow	Digestive System Dise
disease	1	Crohn Disease	Digestive System Dise
disease	1	Ulcerative Colitis	Digestive System Dise
disease	1	Primary sclerosin	Digestive System Dise
disease	1	Asthma	Respiratory Tract Dise
disease	1	Psoriasis	Skin and Connective T
phenotype	1	Blood Protein Measurement	

disease	1	Cholangitis, Scler	Digestive System Dise
disease	1	Ankylosing spond	Musculoskeletal Disea
phenotype	1	High density lipoprotein measurement	
disease	0.857143	Rheumatoid Arthr	Skin and Connective T
disease	1	Psoriasis	Skin and Connective T
disease	1	Oligoarticular Juv	Skin and Connective T
disease	1	Primary biliary cir	Pathological Condition
group	0.833333	Autoimmune Dise	Immune System Disea
disease	1	Lupus Erythemat	Skin and Connective T
disease	1	AUTOIMMUNE DISEASE, SUSCEPTIBILI	
disease	1	Systemic onset ju	Skin and Connective T
disease	1	Sarcoidosis	Hemic and Lymphatic
disease	1	Psoriasis vulgaris	Skin and Connective T
disease	1	AUTOIMMUNE DISEASE, MULTISYSTEM	
disease	1	Hypothyroidism	Endocrine System Dis
disease	1	AUTOIMMUNE DISEASE, MULTISYSTEM	
disease	1	Juvenile-Onset S	Skin and Connective T
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Diabetes Mellitus	Nutritional and Metabo
phenotype	1	Platelet Count measurement	
disease	1	Polyarticular Juve	Skin and Connective T
disease	1	Juvenile pauciarti	Skin and Connective T
disease	1	Lupus Erythemat	Skin and Connective T
disease	1	Myositis	Musculoskeletal Disea
disease	1	Systemic Sclerod	Skin and Connective T
disease	1	Rheumatoid Arthr	Skin and Connective T
phenotype	1	Blood Protein Measurement	
disease	1	Celiac Disease	Digestive System Dise
disease	1	Cholangitis, Scler	Digestive System Dise
group	1	Autoimmune Dise	Immune System Disea
disease	1	Primary sclerosin	Digestive System Dise
disease	1	Asthma	Respiratory Tract Dise
group	1	Immune System	Immune System Disea
disease	0.909091	Rheumatoid Arthr	Skin and Connective T
group	1	Autoimmune Dise	Immune System Disea
group	1	Immune System	Immune System Disea
disease	1	Graves Disease	Eye Diseases; Immu
disease	1	Rheumatoid Arthr	Skin and Connective T
phenotype	1	Low density lipoprotein cholesterol measu	
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Sarcoidosis	Hemic and Lymphatic
disease	1	Leprosy	Infections

disease	1	Crohn Disease	Digestive System Dise
disease	1	Asthma	Respiratory Tract Dise
group	1	Inflammatory Bow	Digestive System Dise
disease	1	Vitiligo	Skin and Connective T
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Narcolepsy	Nervous System Disea
disease	1	Diabetes Mellitus	Nutritional and Metabo
disease	1	Adenocarcinoma	Neoplasms
disease	1	Sarcoidosis	Hemic and Lymphatic
disease	1	Diabetes Mellitus	Nutritional and Metabo
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Diabetes Mellitus	Nutritional and Metabo
phenotype	1	Lymphocyte Count measurement	
disease	1	Crohn Disease	Digestive System Dise
disease	1	Asthma	Respiratory Tract Dise
disease	1	Lupus Erythemat	Skin and Connective T
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Schizophrenia	Mental Disorders
disease	1	Major Depressive	Mental Disorders
phenotype	1	Triglycerides measurement	
phenotype	1	Systolic Pressure	
disease	1	Diabetes Mellitus	Nutritional and Metabo
phenotype	1	IgG Index (procedure)	
phenotype	1	immunoglobulin G index	
disease	1	Rheumatoid Arthr	Skin and Connective T
phenotype	1	von Willebrand's factor (lab test)	
phenotype	1	Red Blood Cell Count measurement	
disease	1	Psoriasis	Skin and Connective T
disease	1	Primary biliary cir	Pathological Condition
disease	1	Diabetes Mellitus	Nutritional and Metabo
disease	0.75	Crohn Disease	Digestive System Dise
disease	1	Asthma	Respiratory Tract Dise
phenotype	1	High density lipoprotein measurement	
disease	1	Lupus Erythemat	Skin and Connective T
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Vitiligo	Skin and Connective T
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Graves Disease	Eye Diseases; Immu
disease	1	AUTOIMMUNE DISEASE, SUSCEPTIBILI	
disease	1	Hashimoto Disea	Endocrine System Dis
phenotype	1	Eosinophil count procedure	
disease	1	AUTOIMMUNE DISEASE, MULTISYSTEM	

disease	1	Autoimmune thyr	Immune System Disea
disease	1	AUTOIMMUNE DISEASE, MULTISYSTEM	
group	1	Autoimmune Dise	Immune System Disea
disease	1	Hypothyroidism	Endocrine System Dis
disease	1	Allergic sensitization	
disease	1	Crohn Disease	Digestive System Dise
disease	1	Asthma	Respiratory Tract Dise
group	1	Immune System	Immune System Disea
group	1	Autoimmune Dise	Immune System Disea
disease	1	Ulcerative Colitis	Digestive System Dise
disease	1	Celiac Disease	Digestive System Dise
group	1	Autoimmune Dise	Immune System Disea
disease	1	Asthma	Respiratory Tract Dise
group	1	Immune System	Immune System Disea
group	1	Cardiomyopathy,	Cardiovascular Diseas
disease	1	Rheumatoid Arthr	Skin and Connective T
group	1	Immune System	Immune System Disea
group	1	Autoimmune Dise	Immune System Disea
disease	1	Diabetes Mellitus	Nutritional and Metabo
disease	1	Diabetes Mellitus	Nutritional and Metabo
phenotype	1	Autoantibody measurement	
disease	1	Crohn Disease	Digestive System Dise
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Lupus Erythemat	Skin and Connective T
group	1	Autoimmune Dise	Immune System Disea
group	1	Immune System	Immune System Disea
disease	1	Celiac Disease	Digestive System Dise
disease	1	Asthma	Respiratory Tract Dise
group	1	Autoimmune Dise	Immune System Disea
group	1	Immune System	Immune System Disea
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Diabetes Mellitus	Nutritional and Metabo
disease	1	Eczema	Skin and Connective T
disease	1	Diabetes Mellitus	Nutritional and Metabo
disease	1	Psoriasis	Skin and Connective T
disease	1	Ulcerative Colitis	Digestive System Dise
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Narcolepsy	Nervous System Disea
phenotype	1	Corpuscular Hemoglobin Concentration M	
disease	1	Lupus Erythemat	Skin and Connective T
phenotype	1	Blood urea nitrogen measurement	
disease	1	Ulcerative Colitis	Digestive System Dise

disease	1	Crohn Disease	Digestive System Dise
group	1	Inflammatory Bow	Digestive System Dise
disease	1	Kidney Failure, C	Female Urogenital Dis
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Hepatitis B	Digestive System Dise
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Lupus Erythemat	Skin and Connective T
phenotype	1	Allergic Reaction	Immune System Disea
disease	1	Sarcoidosis	Hemic and Lymphatic
group	1	Antibody measurement (procedure)	
phenotype	1	ACQUIRED IMMUNODEFICIENCY SYND	
phenotype	1	AIDS, PROGRESSION TO	
disease	1	HUMAN IMMUNODEFICIENCY VIRUS TY	
phenotype	1	HIV-1, RESISTANCE TO	
disease	1	Lupus Erythemat	Skin and Connective T
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Narcolepsy	Nervous System Disea
phenotype	1	Corpuscular Hemoglobin Concentration M	
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Narcolepsy	Nervous System Disea
disease	1	Lupus Erythemat	Skin and Connective T
group	1	Immune System	Immune System Disea
group	1	Autoimmune Dise	Immune System Disea
disease	1	Narcolepsy	Nervous System Disea
phenotype	1	Corpuscular Hemoglobin Concentration M	
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Diabetes Mellitus	Nutritional and Metabo
disease	1	Ulcerative Colitis	Digestive System Dise
disease	1	Ulcerative Colitis	Digestive System Dise
group	1	Inflammatory Bow	Digestive System Dise
group	1	Autoimmune Dise	Immune System Disea
disease	1	Hypothyroidism	Endocrine System Dis
disease	1	AUTOIMMUNE DISEASE, SUSCEPTIBILI	
disease	1	AUTOIMMUNE DISEASE, MULTISYSTEM	
disease	1	AUTOIMMUNE DISEASE, MULTISYSTEM	
phenotype	1	Eosinophil count procedure	
disease	1	Marginal Zone B-	Neoplasms; Immune
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Crohn Disease	Digestive System Dise
group	1	Inflammatory Bow	Digestive System Dise
disease	1	Psoriasis	Skin and Connective T
disease	1	Psoriasis vulgaris	Skin and Connective T

disease	1	Major Depressive	Mental Disorders
disease	1	Rheumatoid Arthr	Skin and Connective T
phenotype	1	Corpuscular Hemoglobin Concentration M	
disease	1	Narcolepsy	Nervous System Disea
disease	1	Sarcoidosis	Hemic and Lymphatic
phenotype	1	Physical Activity Measurement	
disease	1	Lupus Erythemat	Skin and Connective T
disease	1	Graves Disease	Eye Diseases; Immu
group	1	Inflammatory Bow	Digestive System Dise
disease	1	Endometriosis	Female Urogenital Dis
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Coronary Artery D	Cardiovascular Diseas
disease	1	Lupus Erythemat	Skin and Connective T
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Lupus Erythemat	Skin and Connective T
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Graves Disease	Eye Diseases; Immu
disease	1	Systemic Sclerod	Skin and Connective T
disease	1	Thyrotoxic period	Congenital, Hereditary
phenotype	1	IgG Index (procedure)	
disease	1	Narcolepsy	Nervous System Disea
phenotype	1	immunoglobulin G index	
disease	1	Liver carcinoma	Digestive System Dise
disease	1	Rheumatoid Arthr	Skin and Connective T
phenotype	1	Body Height	
disease	1	Narcolepsy	Nervous System Disea
phenotype	1	Height	
disease	1	Celiac Disease	Digestive System Dise
group	1	Autoimmune Dise	Immune System Disea
group	1	Immune System	Immune System Disea
group	1	Peripheral Arteria	Cardiovascular Diseas
disease	1	Diabetes Mellitus	Nutritional and Metabo
disease	1	Coronary heart di	Cardiovascular Diseas
group	1	Inflammatory Bow	Digestive System Dise
phenotype	1	Blood Pressure	
phenotype	1	Red Blood Cell Count measurement	
phenotype	1	Diastolic blood pressure measurement	
disease	1	Tetralogy of Fallo	Congenital, Hereditary
phenotype	1	Blood basophil count (lab test)	
disease	1	Kidney Failure, C	Female Urogenital Dis
phenotype	1	Monocyte count result	
phenotype	1	Corpuscular Hemoglobin Concentration M	

disease	1	Hypothyroidism	Endocrine System Dis
phenotype	1	Monocyte count procedure	
phenotype	1	Serum total cholesterol measurement	
disease	1	Asthma	Respiratory Tract Dise
disease	1	Alopecia Areata	Skin and Connective T
disease	1	Lupus Erythemat	Skin and Connective T
phenotype	1	Low density lipoprotein cholesterol measu	
phenotype	1	Glomerular Filtration Rate	
phenotype	1	Eosinophil count procedure	
disease	1	Myocardial Infarc	Pathological Condition
disease	1	Sarcoidosis	Hemic and Lymphatic
phenotype	1	Uric acid measurement (procedure)	
phenotype	1	Cystatin C measurement	
phenotype	1	Mean blood pressure	
disease	1	Gout	Congenital, Hereditary
disease	1	Crohn Disease	Digestive System Dise
disease	1	Eczema	Skin and Connective T
group	1	Chronic Kidney D	Female Urogenital Dis
disease	1	Arthritis, Gouty	Congenital, Hereditary
phenotype	1	Diastolic blood pressure	
disease	1	Lupus Erythemat	Skin and Connective T
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Lupus Erythemat	Skin and Connective T
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Lupus Erythemat	Skin and Connective T
disease	1	Diabetes Mellitus	Nutritional and Metabo
disease	1	Lupus Erythemat	Skin and Connective T
disease	1	Breast Carcinom	Neoplasms; Skin an
disease	1	Diabetes Mellitus	Nutritional and Metabo
disease	1	Crohn Disease	Digestive System Dise
disease	1	Hypothyroidism	Endocrine System Dis
disease	1	Oligoarticular Juv	Skin and Connective T
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Psoriasis	Skin and Connective T
group	1	Autoimmune Dise	Immune System Disea
disease	1	Ulcerative Colitis	Digestive System Dise
disease	1	AUTOIMMUNE DISEASE, MULTISYSTEM	
disease	1	AUTOIMMUNE DISEASE, MULTISYSTEM	
disease	1	Myositis	Musculoskeletal Disea
disease	1	AUTOIMMUNE DISEASE, SUSCEPTIBILI	
disease	1	Rheumatoid Arthr	Skin and Connective T

disease	1	Temporal Arteritis	Skin and Connective T
disease	1	Common Variable	Immune System Disea
disease	1	Polyarticular Juve	Skin and Connective T
disease	1	Systemic Sclerod	Skin and Connective T
disease	1	Juvenile-Onset S	Skin and Connective T
disease	1	Lupus Erythemat	Skin and Connective T
disease	1	Autoimmune thyr	Immune System Disea
disease	1	Juvenile pauciarti	Skin and Connective T
disease	1	Systemic onset ju	Skin and Connective T
disease	1	Celiac Disease	Digestive System Dise
disease	1	Juvenile arthritis	Skin and Connective T
disease	1	Ankylosing spond	Musculoskeletal Disea
group	1	Lung Diseases, I	Respiratory Tract Dise
disease	1	Chronic Lymphoc	Neoplasms; Immune
disease	1	Small Lymphocyti	Neoplasms; Immune
disease	1	Thyroid carcinom	Neoplasms; Endocri
disease	1	Celiac Disease	Digestive System Dise
disease	1	Rheumatoid Arthr	Skin and Connective T
group	1	Autoimmune Dise	Immune System Disea
group	1	Immune System	Immune System Disea
disease	1	Rheumatoid Arthr	Skin and Connective T
group	1	Immune System	Immune System Disea
group	1	Autoimmune Dise	Immune System Disea
group	1	Inflammatory Bow	Digestive System Dise
disease	1	Eczema	Skin and Connective T
disease	1	Primary biliary cir	Pathological Condition
disease	1	Narcolepsy	Nervous System Disea
disease	1	Narcolepsy	Nervous System Disea
disease	1	Diabetes Mellitus	Nutritional and Metabo
disease	1	Hodgkin Disease	Neoplasms; Immune
disease	1	Nodular Sclerosis	Neoplasms; Immune
disease	1	Diabetes Mellitus	Nutritional and Metabo
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Graves Disease	Eye Diseases; Immu
disease	1	Diabetes Mellitus	Nutritional and Metabo
phenotype	1	HIV-1, RESISTANCE TO	
phenotype	1	ACQUIRED IMMUNODEFICIENCY SYND	
disease	1	HUMAN IMMUNODEFICIENCY VIRUS TY	
phenotype	1	AIDS, PROGRESSION TO	
disease	1	Crohn Disease	Digestive System Dise
disease	1	Asthma	Respiratory Tract Dise
disease	0.9375	Rheumatoid Arthr	Skin and Connective T

group	1	Inflammatory Bow	Digestive System Dise
disease	1	Ulcerative Colitis	Digestive System Dise
disease	1	Lupus Erythemat	Skin and Connective T
group	1	Immune System	Immune System Disea
group	1	Autoimmune Dise	Immune System Disea
phenotype	1	Neutrophil count (procedure)	
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Crohn Disease	Digestive System Dise
disease	1	Primary biliary cir	Pathological Condition
disease	1	Alopecia Areata	Skin and Connective T
disease	1	Psoriasis vulgaris	Skin and Connective T
disease	1	Sarcoidosis	Hemic and Lymphatic
disease	1	Primary sclerosin	Digestive System Dise
disease	0.5	Diabetes Mellitus	Nutritional and Metabo
group	0.75	Autoimmune Dise	Immune System Disea
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Diabetes Mellitus	Nutritional and Metabo
disease	1	Common Variable	Immune System Disea
disease	1	AUTOIMMUNE DISEASE, MULTISYSTEM	
disease	1	Celiac Disease	Digestive System Dise
disease	1	AUTOIMMUNE DISEASE, SUSCEPTIBILI	
disease	1	AUTOIMMUNE DISEASE, MULTISYSTEM	
disease	1	Lupus Erythemat	Skin and Connective T
disease	1	Ulcerative Colitis	Digestive System Dise
disease	1	Ankylosing spond	Musculoskeletal Disea
disease	1	Psoriasis	Skin and Connective T
disease	1	Juvenile arthritis	Skin and Connective T
disease	1	Crohn Disease	Digestive System Dise
group	1	Immune System	Immune System Disea
disease	1	Autoimmune thyr	Immune System Disea
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Cholangitis, Scler	Digestive System Dise
disease	1	Psoriasis	Skin and Connective T
disease	1	Crohn Disease	Digestive System Dise
disease	1	Oligoarticular Juv	Skin and Connective T
disease	1	Ankylosing spond	Musculoskeletal Disea
disease	1	Ulcerative Colitis	Digestive System Dise
phenotype	1	Physical Activity Measurement	
disease	1	Sarcoidosis	Hemic and Lymphatic
disease	1	Rheumatoid Arthr	Skin and Connective T
group	1	Epstein-Barr Viru	Infections
disease	1	Narcolepsy	Nervous System Disea

disease	1	Lupus Erythemat	Skin and Connective T
disease	1	Diabetes Mellitus	Nutritional and Metabo
disease	1	Diabetes Mellitus	Nutritional and Metabo
disease	1	Diabetes Mellitus	Nutritional and Metabo
disease	1	Diabetes Mellitus	Nutritional and Metabo
phenotype	1	Blood Protein Measurement	
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	AUTOIMMUNE DISEASE, MULTISYSTEM	
disease	1	AUTOIMMUNE DISEASE, MULTISYSTEM	
disease	1	Squamous cell ca	Neoplasms
phenotype	1	Lymphocyte Count measurement	
disease	1	Hashimoto Disea	Endocrine System Dis
disease	1	Graves Disease	Eye Diseases; Immu
disease	1	Autoimmune thyr	Immune System Disea
disease	1	Celiac Disease	Digestive System Dise
disease	1	Ulcerative Colitis	Digestive System Dise
disease	1	Cholangitis, Scler	Digestive System Dise
group	1	Autoimmune Dise	Immune System Disea
disease	1	Vitiligo	Skin and Connective T
disease	1	AUTOIMMUNE DISEASE, SUSCEPTIBILI	
disease	1	Ankylosing spond	Musculoskeletal Disea
disease	1	Psoriasis	Skin and Connective T
disease	1	Diabetes Mellitus	Nutritional and Metabo
disease	1	Crohn Disease	Digestive System Dise
phenotype	1	HIV-1, RESISTANCE TO	
phenotype	1	AIDS, PROGRESSION TO	
disease	1	HUMAN IMMUNODEFICIENCY VIRUS TY	
phenotype	1	ACQUIRED IMMUNODEFICIENCY SYND	
disease	1	Rheumatoid Arthr	Skin and Connective T
group	1	Autoimmune Dise	Immune System Disea
group	1	Immune System	Immune System Disea
disease	1	Crohn Disease	Digestive System Dise
disease	1	Asthma	Respiratory Tract Dise
group	1	Inflammatory Bow	Digestive System Dise
disease	0.909091	Hepatitis B	Digestive System Dise
disease	0.8	Liver carcinoma	Digestive System Dise
disease	1	Hepatitis B, Chro	Digestive System Dise
disease	1	Lupus Erythemat	Skin and Connective T
disease	1	Diabetes Mellitus	Nutritional and Metabo
disease	0.965517	Rheumatoid Arthr	Skin and Connective T
disease	0.966667	Lupus Erythemat	Skin and Connective T
disease	0.909091	Liver carcinoma	Digestive System Dise

group	1	Autoimmune Dise	Immune System Disea
disease	0.777778	Systemic Sclerod	Skin and Connective T
disease	1	Primary biliary cir	Pathological Condition
group	1	Immune System	Immune System Disea
disease	1	Sjogren's Syndro	Eye Diseases; Skin
disease		SYSTEMIC LUPUS ERYTHEMATOSUS,	
disease	1	Biliary cirrhosis	Pathological Condition
disease	1	Crohn Disease	Digestive System Dise
disease	1	Asthma	Respiratory Tract Dise
disease	0.916667	Diabetes Mellitus	Nutritional and Metabo
phenotype	1	Autoantibody measurement	
disease	1	Primary sclerosin	Digestive System Dise
disease	1	Primary biliary cir	Pathological Condition
disease	1	Biliary cirrhosis	Pathological Condition
disease	1	Psoriasis	Skin and Connective T
disease	1	Lupus Erythemat	Skin and Connective T
phenotype	1	C-reactive protein measurement	
disease	1	Crohn Disease	Digestive System Dise
group	1	Inflammatory Bow	Digestive System Dise
disease	1	Asthma	Respiratory Tract Dise
disease	1	Ulcerative Colitis	Digestive System Dise
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Narcolepsy	Nervous System Disea
disease	1	Hepatitis B	Digestive System Dise
disease	1	Diabetes Mellitus	Nutritional and Metabo
disease	1	Ulcerative Colitis	Digestive System Dise
disease	0.941176	Diabetes Mellitus	Nutritional and Metabo
phenotype	1	Body mass index	
disease	0.833333	Dermatitis, Atopic	Congenital, Hereditary
disease	0.75	Asthma	Respiratory Tract Dise
disease	1	Crohn Disease	Digestive System Dise
phenotype	1	Allergic Reaction	Immune System Disea
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Marginal Zone B-	Neoplasms; Immune
disease	1	Celiac Disease	Digestive System Dise
disease	1	Small Lymphocyti	Neoplasms; Immune
group	1	Autoimmune Dise	Immune System Disea
disease	1	Chronic Lymphoc	Neoplasms; Immune
disease	1	Asthma	Respiratory Tract Dise
group	1	Immune System	Immune System Disea
group	1	Inflammatory Bow	Digestive System Dise
phenotype	1	Intelligence	Behavior and Behavio

phenotype	1	Body mass index	
disease	1	Diffuse Large B-C	Neoplasms; Immune
disease	1	Small Lymphocyti	Neoplasms; Immune
disease	1	Chronic Lymphoc	Neoplasms; Immune
disease	1	Ankylosing spond	Musculoskeletal Disea
disease	1	Hypercholesterol	Congenital, Hereditary
disease	1	Lupus Erythemat	Skin and Connective T
disease	1	Rheumatoid Arthr	Skin and Connective T
group	1	Autoimmune Dise	Immune System Disea
group	1	Immune System	Immune System Disea
phenotype	1	Serum total cholesterol measurement	
phenotype	1	Electrocardiography	
phenotype	1	Electrocardiogram: P-R interval	
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Diabetes Mellitus	Nutritional and Metabo
disease	1	Adenocarcinoma	Neoplasms
disease	1	Diabetes Mellitus	Nutritional and Metabo
disease	1	Narcolepsy	Nervous System Disea
disease	1	Celiac Disease	Digestive System Dise
group	1	Inflammatory Bow	Digestive System Dise
group	1	Autoimmune Dise	Immune System Disea
disease	1	Asthma	Respiratory Tract Dise
group	1	Immune System	Immune System Disea
phenotype	1	Beta-2-microglobulin measurement	
disease	1	Chronic Lymphoc	Neoplasms; Immune
disease	1	Diabetes Mellitus	Nutritional and Metabo
disease	1	Small Lymphocyti	Neoplasms; Immune
disease	1	Rheumatoid Arthr	Skin and Connective T
group	1	Cardiomyopathy,	Cardiovascular Diseas
group	1	Cardiomyopathy,	Cardiovascular Diseas
group	1	Cardiomyopathy,	Cardiovascular Diseas
disease	1	Narcolepsy	Nervous System Disea
phenotype	1	Corpuscular Hemoglobin Concentration M	
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Diabetes Mellitus	Nutritional and Metabo
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Diabetes Mellitus	Nutritional and Metabo
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Narcolepsy	Nervous System Disea
disease	1	Rheumatoid Arthr	Skin and Connective T

disease	1	Narcolepsy	Nervous System Disea
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Diabetes Mellitus	Nutritional and Metabo
disease	1	Coronary heart di	Cardiovascular Diseas
disease	1	Narcolepsy	Nervous System Disea
disease	1	Sarcoidosis	Hemic and Lymphatic
disease	1	Sarcoidosis	Hemic and Lymphatic
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Sarcoidosis	Hemic and Lymphatic
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Narcolepsy	Nervous System Disea
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Narcolepsy	Nervous System Disea
disease	1	Diabetes Mellitus	Nutritional and Metabo
disease	1	Hepatitis B	Digestive System Dise
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Narcolepsy	Nervous System Disea
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Narcolepsy	Nervous System Disea
disease	1	Rheumatoid Arthr	Skin and Connective T
group	1	Epstein-Barr Viru	Infections
disease	1	Lupus Erythemat	Skin and Connective T
group	1	Lymphoma	Neoplasms; Immune
disease	1	Ulcerative Colitis	Digestive System Dise
phenotype	1	C-reactive protein measurement	
group	1	Epstein-Barr Viru	Infections
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Narcolepsy	Nervous System Disea
disease	1	Diabetes Mellitus	Nutritional and Metabo
disease	1	Asthma	Respiratory Tract Dise
phenotype	1	Lymphocyte Count measurement	
disease	1	Rheumatoid Arthr	Skin and Connective T
phenotype	1	C-reactive protein measurement	
disease	1	Narcolepsy	Nervous System Disea
disease	1	Ulcerative Colitis	Digestive System Dise
disease	1	Frontotemporal d	Nutritional and Metabo
disease	1	Narcolepsy	Nervous System Disea
disease	1	Narcolepsy	Nervous System Disea
disease	1	Myasthenia Gravi	Neoplasms; Immune
disease	1	Lupus Erythemat	Skin and Connective T

disease	1	Crohn Disease	Digestive System Dise
disease	1	Ulcerative Colitis	Digestive System Dise
group	1	Inflammatory Bow	Digestive System Dise
group	1	Protein measurement	
disease	1	Rheumatoid Arthr	Skin and Connective T
phenotype	1	Immunoglobulin A measurement	
disease	1	Leprosy	Infections
phenotype	1	IgG Index (procedure)	
disease	1	Sarcoidosis	Hemic and Lymphatic
phenotype	1	immunoglobulin G index	
disease	1	Diabetes Mellitus	Nutritional and Metabo
disease	1	Asthma	Respiratory Tract Dise
disease	1	Rheumatoid Arthr	Skin and Connective T
phenotype	1	Lymphocyte Count measurement	
disease	1	Adult onset asthma	
disease	1	Narcolepsy	Nervous System Disea
disease	1	Childhood asthm	Respiratory Tract Dise
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Narcolepsy	Nervous System Disea
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Liver carcinoma	Digestive System Dise
disease	1	Lupus Erythemat	Skin and Connective T
disease	1	Hepatitis C, Chro	Digestive System Dise
disease	1	Alopecia Areata	Skin and Connective T
disease	1	Crohn Disease	Digestive System Dise
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Lymphoma, Follic	Neoplasms; Immune
disease	1	Narcolepsy	Nervous System Disea
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Narcolepsy	Nervous System Disea
disease	1	Crohn Disease	Digestive System Dise
disease	1	Asthma	Respiratory Tract Dise
disease	1	Celiac Disease	Digestive System Dise
disease	1	Crohn Disease	Digestive System Dise
phenotype	1	Blood Protein Measurement	
disease	1	Rheumatoid Arthr	Skin and Connective T
group	1	Autoimmune Dise	Immune System Disea
group	1	Immune System	Immune System Disea
disease	1	Narcolepsy	Nervous System Disea
disease	1	Rheumatoid Arthr	Skin and Connective T

phenotype	1	Corpuscular Hemoglobin Concentration M	
disease	1	Diabetes Mellitus	Nutritional and Metabo
phenotype	1	AIDS, PROGRESSION TO	
phenotype	1	HIV-1, RESISTANCE TO	
phenotype	1	Allergic Reaction	Immune System Disea
phenotype	1	ACQUIRED IMMUNODEFICIENCY SYND	
disease	1	HUMAN IMMUNODEFICIENCY VIRUS TY	
phenotype	1	Body mass index	
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Diabetes Mellitus	Nutritional and Metabo
disease	1	Narcolepsy	Nervous System Disea
disease	1	Pemphigus Vulga	Skin and Connective T
disease	1	Pemphigus	Skin and Connective T
disease	1	Narcolepsy	Nervous System Disea
disease	1	Narcolepsy	Nervous System Disea
disease	1	Diabetes Mellitus	Nutritional and Metabo
disease	1	Rheumatoid Arthr	Skin and Connective T
disease	1	Celiac Disease	Digestive System Dise
disease	1	Rheumatoid Arthr	Skin and Connective T
group	1	Immune System	Immune System Disea
group	1	Autoimmune Dise	Immune System Disea
phenotype	1	Obesity, Metaboli	Pathological Condition
disease	1	Celiac Disease	Digestive System Dise
disease	1	Asthma	Respiratory Tract Dise
group	1	Immune System	Immune System Disea
group	1	Autoimmune Dise	Immune System Disea
phenotype	1	Cytokine Measurement	
disease	1	Psoriasis	Skin and Connective T
phenotype	1	Corpuscular Hemoglobin Concentration M	
disease	1	Crohn Disease	Digestive System Dise
disease	1	Ankylosing spond	Musculoskeletal Disea
disease	1	Diabetes Mellitus	Nutritional and Metabo
disease	1	Crohn Disease	Digestive System Dise

year_initial	score	gene_symbol	diseaseid	disease_class
2007	0.81	IGF2;IGF2-AS;I	C0011854	C18;C20;C19
2011	0.7	IGF2;IGF2-AS;I	C1272321	
2008	0.81		C0010346	C06
2011	0.7		C0004096	C08;C20
2016	0.7	NDFIP1	C0200641	
2016	0.7	NDFIP1	C0200638	
2011	0.7	EPS15L1	C0023508	
2011	0.7	EPS15L1	C0200635	
2008	0.83	TNPO3	C0024141	C17;C20
2010	0.82	TNPO3	C0003873	C17;C05;C20
2010	0.81	TNPO3	C0036421	C17
2009	0.8	TNPO3	C0008312	C23;C06
2009	0.7	TNPO3	C0023892	C23;C06
2018	0.7	TNPO3	C0748540	C17
2011	0.7	TNPO3	C0004364	C20
2018	0.7	TNPO3	C1258104	C17
2011	0.7	TNPO3	C0021053	C20
2007	0.88		C0003873	C17;C05;C20
2009	0.82		C0021390	C06
2009	0.81	RNLS;LOC1019	C0011854	C18;C20;C19
2008	0.88	BANK1	C0024141	C17;C20
2009	0.8	LINC02357	C0011854	C18;C20;C19
2008	0.85		C0010346	C06
2010	0.83		C0009324	C06
2012	0.81		C0021390	C06
2011	0.7		C0004096	C08;C20
2016	0.7		C0033860	C17
2016	0.7		C0008313	C06
2016	0.7		C0038013	C05
2019	0.7	LOC100996583	C0004364	C20
2019	0.7	LOC100996583	C3150797	
2019	0.7	LOC100996583	C4014795	
2019	0.7	LOC100996583	C4310768	
2010	0.8		C0009324	C06
2015	0.7		C0021390	C06
2010	0.8	BACH2	C0007570	C06;C18
2011	0.7	BACH2	C0021053	C20
2011	0.7	BACH2	C0004096	C08;C20
2011	0.7	BACH2	C0004364	C20
2019	0.7	BACH2	C2213246	C04;C20;C15
2010	0.8		C0007570	C06;C18

2011	0.7		C0004096	C08;C20
2011	0.7		C0021053	C20
2011	0.7		C0004364	C20
2010	0.84	MYNN	C0009402	C06;C04
2013	0.81	MYNN	C0026764	C04;C20;C15;C1
2014	0.8	MYNN	C0023434	C04;C20;C15
2010	0.8	MYNN	C0007570	C06;C18
2014	0.72	MYNN	C0005684	C04;C13;C12
2014	0.72	MYNN	C0699885	C04;C13;C12
2010	0.7	MYNN	C0009404	C06;C04
2010	0.7	MYNN	C1319315	C06;C04
2010	0.7	MYNN	C2675481	
2010	0.7	MYNN	C0007102	C06;C04
2010	0.7	MYNN	C3554460	
2014	0.7	MYNN	C0855095	C04;C20;C15
2010	0.7	MYNN	C2677123	
2013	0.7	MYNN	C0206062	C08
2010	0.7	MYNN	C0346629	C06;C04
2010	0.7	MYNN	C1837315	
keletal Diseas	0.7	MYNN	C0008707	C01;C05
2008	0.8		C0010346	C06
2011	0.7		C0004096	C08;C20
2016	0.7		C0009324	C06
2016	0.7		C0033860	C17
2016	0.7		C0038013	C05
2016	0.7		C0008313	C06
2019	0.7	IL2RA	C1367654	C04;C20;C15
2017	0.7	AHI1	C0024141	C17;C20
2008	0.82	LRRK2;LINC024	C0010346	C06
2011	0.7	LRRK2;LINC024	C0004096	C08;C20
2008	0.81	NKX2-3;LINC01	C0010346	C06
2010	0.8	NKX2-3;LINC01	C0009324	C06
2011	0.7	NKX2-3;LINC01	C0004096	C08;C20
2010	0.8	ETS1	C0007570	C06;C18
2011	0.7	ETS1	C0004096	C08;C20
2016	0.7	ETS1	C0038013	C05
2011	0.7	ETS1	C0021053	C20
2016	0.7	ETS1	C0008313	C06
2011	0.7	ETS1	C0004364	C20
2016	0.7	ETS1	C0009324	C06
2017	0.7	ETS1	C0021390	C06
2018	0.7	ETS1	C0040420	

2016	0.7	ETS1	C0033860	C17
2016	0.7	ETS1	C0010346	C06
2017	0.7	TIMMDC1	C0024141	C17;C20
2012	0.7	TIMMDC1	C0008312	C23;C06
2012	0.7	TMEM39A	C0008312	C23;C06
2006	0.8	IL23R	C0010346	C06
2011	0.7	IL23R	C0004096	C08;C20
2008	0.8	MROH3P	C0010346	C06
2010	0.8	MROH3P	C0009324	C06
2011	0.7	MROH3P	C0004096	C08;C20
2012	0.7		C0003873	C17;C05;C20
2011	0.7		C0021053	C20
2011	0.7		C0004364	C20
2015	0.7	IGHA1	C1318233	
2015	0.7	IGHA1	C1446147	
2010	0.8	AFF3	C0003873	C17;C05;C20
2011	0.7	AFF3	C0021053	C20
2011	0.7	AFF3	C0004364	C20
2010	0.8	ARHGAP31	C0007570	C06;C18
2011	0.7	ARHGAP31	C0004364	C20
2011	0.7	ARHGAP31	C0004096	C08;C20
2011	0.7	ARHGAP31	C0021053	C20
2008	0.82	IRGM	C0010346	C06
2011	0.7	IRGM	C0004096	C08;C20
2008	0.8	BACH2	C0011854	C18;C20;C19
2011	0.7	BACH2	C1272321	
2018	0.7	BACH2	C1739108	C18;C20;C19
2010	0.8	RREB1	C0242383	C11
2019	0.7	RREB1	C0023434	C04;C20;C15
2019	0.7	RREB1	C0855095	C04;C20;C15
2010	0.7	RREB1	C0018099	C16;C18;C05
2019	0.7	RREB1	C0017654	
2010	0.7	RREB1	C0003868	C16;C18;C05
2013	0.8	ITGAM	C0036421	C17
2009	0.7	ITGAM	C0024141	C17;C20
2019	0.7	MXD3	C0202239	
2013	0.7	MXD3	C2239219	
2010	0.82	ZMIZ1	C0010346	C06
2009	0.81	ZMIZ1	C0021390	C06
2019	0.7	ZMIZ1	C1367654	C04;C20;C15
2013	0.7	ZMIZ1	C0038013	C05
2010	0.8	ZMIZ1	C0007570	C06;C18

2011	0.7	ZMIZ1	C0021053	C20
2011	0.7	ZMIZ1	C0004364	C20
2011	0.7	ZMIZ1	C0004096	C08;C20
2007	0.8	CLEC16A	C0011854	C18;C20;C19
2012	0.7	CLEC16A	C0008312	C23;C06
2011	0.7	CLEC16A	C1272321	
2010	0.8	IL2RA	C0010346	C06
2019	0.7	RPS6KB1	C0855095	C04;C20;C15
2019	0.7	RPS6KB1	C0023434	C04;C20;C15
2011	0.8	CLEC16A	C0011854	C18;C20;C19
2012	0.7	CLEC16A	C0008312	C23;C06
2010	0.8	RMI2;LOC1053	C0007570	C06;C18
2011	0.7	RMI2;LOC1053	C0021053	C20
2011	0.7	RMI2;LOC1053	C0004364	C20
2011	0.7	RMI2;LOC1053	C0004096	C08;C20
2012	0.8		C0021390	C06
2015	0.7		C0009324	C06
2015	0.7		C0010346	C06
2017	0.7	LRP2	C0679254	
2010	0.8	PUS10	C0007570	C06;C18
2008	0.8	PUS10	C0010346	C06
2010	0.8	PUS10	C0009324	C06
2011	0.7	PUS10	C0004364	C20
2011	0.7	PUS10	C0004096	C08;C20
2011	0.7	PUS10	C0021053	C20
2010	0.8	LINC01934	C0007570	C06;C18
2011	0.7	LINC01934	C0004096	C08;C20
2011	0.7	LINC01934	C0004364	C20
2011	0.7	LINC01934	C0021053	C20
2012	0.81	NONOP2	C0003872	C17;C05
2009	0.81	NONOP2	C0003873	C17;C05;C20
2010	0.8	CCR3	C0007570	C06;C18
2011	0.7	CCR3	C0004364	C20
2011	0.7	CCR3	C0004096	C08;C20
2011	0.7	CCR3	C0021053	C20
2007	0.8	KIAA1109	C0007570	C06;C18
2010	0.71	KIAA1109	C0004364	C20
2011	0.7	KIAA1109	C0004096	C08;C20
2011	0.7	KIAA1109	C0021053	C20
2019	0.7	LOC105371664	C0079744	C04;C20;C15
2019	0.7	LOC105371664	C1367654	C04;C20;C15
2010	0.8	LOC105377022	C0007570	C06;C18

2011	0.7	LOC105377022	C0004096	C08;C20
2011	0.7	LOC105377022	C0021053	C20
2011	0.7	LOC105377022	C0004364	C20
2010	0.8	FAM107A;LOC1	C0003873	C17;C05;C20
2011	0.7	FAM107A;LOC1	C0021053	C20
2011	0.7	FAM107A;LOC1	C0004364	C20
2011	0.8	LOC105371664	C0007570	C06;C18
2016	0.7		C0202236	
2012	0.8	ODF3B	C0524587	
2009	0.8	ODF3B	C0014772	
2019	0.7	ODF3B	C0079744	C04;C20;C15
2017	0.7	ODF3B	C0855095	C04;C20;C15
2012	0.7	ODF3B	C4528257	
2016	0.7	ODF3B	C0206161	
2017	0.7	ODF3B	C0023434	C04;C20;C15
2017	0.7	ODF3B	C1304746	
2017	0.7	ODF3B	C0427460	
2016	0.7	ODF3B	C1261502	
2008	0.81		C0010346	C06
2011	0.7		C0004096	C08;C20
2010	0.81	LPP	C0042900	C17
2008	0.8	LPP	C0007570	C06;C18
2011	0.7	LPP	C0021053	C20
2011	0.7	LPP	C0004096	C08;C20
2011	0.7	LPP	C0004364	C20
2013	0.7	LPP	C1527304	C20
2009	0.8	ZFP36L1	C0011854	C18;C20;C19
2007	0.7	HLA-DMB	C0003873	C17;C05;C20
2012	0.7	MIR3681HG	C0677607	C19
2012	0.7	MIR3681HG	C0018213	C11;C20;C19
2012	0.7	MIR3681HG	C0920350	C20;C19
2008	0.8	LOC105375746	C0010346	C06
2011	0.7	LOC105375746	C0004096	C08;C20
2009	0.8	IFNG-AS1;LOC	C0009324	C06
2012	0.8		C0026691	C17;C15;C14
2012	0.8		C0021390	C06
2007	0.7		C0003873	C17;C05;C20
2018	0.7		C0596887	
2017	0.7		C0010346	C06
2019	0.7	TNPO2	C0079744	C04;C20;C15
2010	0.8	PLEK;LOC1019	C0007570	C06;C18
2011	0.7	PLEK;LOC1019	C0004364	C20

2011	0.7	PLEK;LOC1019	C0004096	C08;C20
2011	0.7	PLEK;LOC1019	C0021053	C20
2012	0.8	LOC101928354	C0021390	C06
2015	0.7	LOC101928354	C0010346	C06
2017	0.7	LOC101928354	C0009324	C06
2009	0.81	ZFP90	C0009324	C06
2008	0.8	LOC101927745	C0010346	C06
2010	0.8	LOC101927745	C0009324	C06
2011	0.7	LOC101927745	C0004096	C08;C20
2008	0.81	TAGAP;LOC105	C0007570	C06;C18
2011	0.7	TAGAP;LOC105	C0004364	C20
2011	0.7	TAGAP;LOC105	C0004096	C08;C20
2011	0.7	TAGAP;LOC105	C0021053	C20
2011	0.8	ADAD1	C0009324	C06
2013	0.8	ADAD1	C1527304	C20
2011	0.7	TNXB	C0003873	C17;C05;C20
2016	0.7		C0200638	
2016	0.7	GLMN;RPAP2	C0201657	
2008	0.8		C0010346	C06
2011	0.7		C0004096	C08;C20
2007	0.81	NAA25	C0011854	C18;C20;C19
2014	0.8	NAA25	C0038454	C10;C14
2014	0.8	NAA25	C1956346	C14
2012	0.8	NAA25	C0202117	
2012	0.8	NAA25	C1445957	
2012	0.7	NAA25	C0428474	
2012	0.7	NAA25	C4528257	
2019	0.7	NAA25	C0017654	
2013	0.7	NAA25	C0039685	C16;C14
2019	0.7	NAA25	C0202239	
2009	0.7	NAA25	C0014772	
2018	0.7	NAA25	C0871470	
2018	0.7	NAA25	C0428883	
2018	0.7	NAA25	C0001948	F01
2016	0.7	NAA25	C0428886	
2012	0.7	NAA25	C0020676	C19
2018	0.7	NAA25	C0392885	
2009	0.82		C0033860	C17
2015	0.7		C0011615	C16;C17;C20
2008	0.82	IL12A-AS1	C0007570	C06;C18
2013	0.81	IL12A-AS1	C0004943	C16;C11;C17;C0
2011	0.7	IL12A-AS1	C0004364	C20

2011	0.7	IL12A-AS1	C0004096	C08;C20
2011	0.7	IL12A-AS1	C0021053	C20
2011	0.8	TNFRSF1A	C0008312	C23;C06
2011	0.7	TNFRSF1A	C0023892	C23;C06
2012	0.7	SH3BP2	C0020179	C16;C10;F03
2008	0.85	PTPN2	C0010346	C06
2009	0.83	PTPN2	C0011854	C18;C20;C19
2011	0.81	PTPN2	C0004364	C20
2012	0.81	PTPN2	C0021390	C06
2010	0.8	PTPN2	C0007570	C06;C18
2011	0.8	PTPN2	C0021053	C20
2014	0.72	PTPN2	C0009324	C06
2019	0.7	PTPN2	C4014795	
2019	0.7	PTPN2	C4310768	
2011	0.7	PTPN2	C0004096	C08;C20
2019	0.7	PTPN2	C3150797	
2016	0.7	IQCB1	C0202236	
2012	0.82		C0003873	C17;C05;C20
2011	0.8		C0007570	C06;C18
2007	0.9	IFIH1	C0011854	C18;C20;C19
2009	0.78	IFIH1	C0024141	C17;C20
2012	0.71	IFIH1	C0033860	C17
2010	0.71	IFIH1	C4049006	
2010	0.7	IFIH1	C0202083	
2016	0.7	IFIH1	C0162538	C20;C15
2015	0.7	IFIH1	C0021390	C06
2011	0.7	IFIH1	C1272321	
2010	0.7	IFIH1	C0202202	
2010	0.8	PVT1	C0019829	C04;C20;C15
2011	0.7	HLA-DQA1	C0003873	C17;C05;C20
2013	0.7	HLA-DQA1	C2239176	C06;C04
2011	0.7	FCRL1	C0018213	C11;C20;C19
2012	0.81	HLA-DQB2	C0024141	C17;C20
2007	0.7	HLA-DQB2	C0011854	C18;C20;C19
2013	0.7	HLA-DQB2	C0019163	C06;C01
2008	0.86	IL13;TH2LCRR	C0033860	C17
2012	0.81	IL13;TH2LCRR	C0019829	C04;C20;C15
2009	0.8	IL13;TH2LCRR	C0004096	C08;C20
2013	0.8	IL13;TH2LCRR	C1527304	C20
2013	0.7	IL13;TH2LCRR	C0011615	C16;C17;C20
	0.7	IL13;TH2LCRR	C1869116	
O	0.7	IL13;TH2LCRR	C4017540	

	2009	0.81	STAT2	C0033860	C17
	2015	0.7	STAT2	C0005890	
	2007	0.7	CFB;CYP21A2;	C0003873	C17;C05;C20
	2018	0.7	CFB;CYP21A2;	C1956346	C14
	2011	0.7	TCF19	C0018213	C11;C20;C19
	2005	0.9	BTNL2;TSBP1-	C0036202	C15
	2005	0.71	BTNL2;TSBP1-	C0011854	C18;C20;C19
	2005	0.71	BTNL2;TSBP1-	C0003873	C17;C05;C20
		0.7	BTNL2;TSBP1-	C2676468	
	2009	0.7	BTNL2;TSBP1-	C0027404	C10;F03
	2011	0.7	BTNL2;TSBP1-	C0003873	C17;C05;C20
	2009	0.7	BTNL2;TSBP1-	C0027404	C10;F03
	2009	0.8		C0033860	C17
	2016	0.7	GGNBP1	C0871470	
	2012	0.83	IL2RA	C0003873	C17;C05;C20
	2016	0.7	IL2RA	C0038013	C05
	2016	0.7	IL2RA	C0010346	C06
	2016	0.7	IL2RA	C0008313	C06
	2016	0.7	IL2RA	C0033860	C17
	2016	0.7	IL2RA	C0009324	C06
	2011	0.7	LOC105378083	C0004364	C20
	2011	0.7	LOC105378083	C0021053	C20
	2012	0.7	LOC105378083	C0003873	C17;C05;C20
	2011	0.7		C0003873	C17;C05;C20
	2008	0.81	IRF1-AS1	C0010346	C06
	2012	0.8	IRF1-AS1	C0021390	C06
	2016	0.7	IRF1-AS1	C0428883	
	2011	0.7	IRF1-AS1	C0004096	C08;C20
	2006	0.85	IL23R;C1orf141	C0010346	C06
	2009	0.83	IL23R;C1orf141	C0033860	C17
	2010	0.82	IL23R;C1orf141	C0009324	C06
	2009	0.88	TNFSF4	C0024141	C17;C20
	2018	0.7	SYT14	C4277682	C06;C25
	2009	0.7	HLA-DQA2	C0027404	C10;F03
	2007	0.7	HSPA1L	C0003873	C17;C05;C20
ases		0.7	HSPA1L	C0024117	C08
	2007	0.7	HSPA1L	C0011854	C18;C20;C19
	2019	0.7	ZFP36L1	C0871470	
	2007	0.7	CYP21A2;SLC4	C0003873	C17;C05;C20
	2014	0.7	CYP21A2;SLC4	C0024141	C17;C20
	2008	0.8	ITLN1	C0010346	C06
	2011	0.7	ITLN1	C0004096	C08;C20

2009	0.82	SIRPG	C0011854	C18;C20;C19
2018	0.7	SIRPG	C2985280	
2017	0.7	MANBA	C0008313	C06
2015	0.72	SLC44A2	C1861172	C14
2010	0.82	GSDMB	C0004096	C08;C20
2009	0.81	GSDMB	C0011854	C18;C20;C19
2018	0.7	GSDMB	C1961102	C04;C20;C15
2007	0.7	GSDMB	C0264408	C08;C20
2012	0.7	GSDMB	C0008312	C23;C06
2013	0.7	GSDMB	C1527304	C20
2007	0.83	ERBB3	C0011854	C18;C20;C19
2015	0.7	ERBB3	C0002171	C17
2012	0.7	ERBB3	C0032460	C04;C13;C19
2011	0.7	ERBB3	C1272321	
2011	0.81	TIMMDC1	C0008312	C23;C06
2011	0.7	TIMMDC1	C0023892	C23;C06
2008	0.81	C1QTNF6	C0011854	C18;C20;C19
2019	0.7	C1QTNF6	C0004364	C20
2019	0.7	C1QTNF6	C3150797	
2017	0.7	C1QTNF6	C0024141	C17;C20
2019	0.7	C1QTNF6	C4014795	
2019	0.7	C1QTNF6	C4310768	
2017	0.7	CD58;MIR548A	C0008312	C23;C06
2008	0.81	FGFR1OP	C0010346	C06
2012	0.71	FGFR1OP	C0009324	C06
2011	0.7	FGFR1OP	C0004096	C08;C20
2016	0.7	FGFR1OP	C0008313	C06
2011	0.7	FGFR1OP	C0018213	C11;C20;C19
2016	0.7	FGFR1OP	C0038013	C05
2016	0.7	FGFR1OP	C0033860	C17
2008	0.86	GSDMB	C0004096	C08;C20
2007	0.82	GSDMB	C0264408	C08;C20
2012	0.8	GSDMB	C0003873	C17;C05;C20
2010	0.8	GSDMB	C0009324	C06
2012	0.7	GSDMB	C0008312	C23;C06
2013	0.7	GSDMB	C1527304	C20
2008	0.8	ZGPAT	C0021390	C06
2018	0.7	ZGPAT	C0201657	
2009	0.81		C0007570	C06;C18
2017	0.7		C0024141	C17;C20
2009	0.7		C0003873	C17;C05;C20
2011	0.7		C0004096	C08;C20

2011	0.7		C0004364	C20
2011	0.7		C0021053	C20
2019	0.7	EOMES	C0023508	
2007	0.7		C0003873	C17;C05;C20
2007	0.7		C0011854	C18;C20;C19
2007	0.7	HLA-DRA	C0011854	C18;C20;C19
2012	0.7	HLA-DRA	C0036202	C15
2007	0.7	HLA-DRA	C0003873	C17;C05;C20
2013	0.7	HLA-DRA	C0149678	C01
2009	0.81	HORMAD2	C0021390	C06
2009	0.7	LOC100294145	C0027404	C10;F03
2007	0.7	TAP2	C0011854	C18;C20;C19
2019	0.7	NCOA5	C0079744	C04;C20;C15
2019	0.7	NCOA5	C1367654	C04;C20;C15
2018	0.7	NCOA5	C0019829	C04;C20;C15
2008	0.84		C0024141	C17;C20
2010	0.7		C0033860	C17
2012	0.7	HLA-DRB1	C0036202	C15
2019	0.7	HLA-DRB1	C0201278	
2010	0.72	PCAT1;CASC19	C0023434	C04;C20;C15
2010	0.7	PCAT1;CASC19	C2931822	C04;C07;C09
2004	1	PTPN22;AP4B1	C0011854	C18;C20;C19
2005	1	PTPN22;AP4B1	C0003873	C17;C05;C20
2005	0.9	PTPN22;AP4B1	C0018213	C11;C20;C19
2004	0.9	PTPN22;AP4B1	C0024141	C17;C20
2005	0.9	PTPN22;AP4B1	C0004364	C20
2005	0.86	PTPN22;AP4B1	C0042900	C17
2005	0.86	PTPN22;AP4B1	C0010346	C06
2006	0.85	PTPN22;AP4B1	C0677607	C19
2011	0.8	PTPN22;AP4B1	C0021053	C20
2012	0.8	PTPN22;AP4B1	C0020676	C19
2006	0.76	PTPN22;AP4B1	C0036421	C17
2006	0.74	PTPN22;AP4B1	C0002171	C17
2008	0.74	PTPN22;AP4B1	C0033860	C17
2008	0.74	PTPN22;AP4B1	C0026896	C04;C20;C10
2011	0.73	PTPN22;AP4B1	C0009324	C06
2008	0.73	PTPN22;AP4B1	C0011860	C18;C19
2006	0.72	PTPN22;AP4B1	C0920350	C20;C19
2018	0.71	PTPN22;AP4B1	C1739108	C18;C20;C19
2016	0.71	PTPN22;AP4B1	C0038013	C05
2008	0.71	PTPN22;AP4B1	C0085655	C05;C10
2018	0.7	PTPN22;AP4B1	C0019829	C04;C20;C15

2019	0.7	PTPN22;AP4B1	C0206710	C04
2016	0.7	PTPN22;AP4B1	C0200635	
2016	0.7	PTPN22;AP4B1	C0027121	C05;C10
2016	0.7	PTPN22;AP4B1	C0008313	C06
2016	0.7	PTPN22;AP4B1	C0023508	
2019	0.7	PTPN22;AP4B1	C3150797	
DIMMUNE DIS	0.7	PTPN22;AP4B1	C3277701	
2016	0.7	PTPN22;AP4B1	C0200633	
2019	0.7	PTPN22;AP4B1	C4014795	
2016	0.7	PTPN22;AP4B1	C0857490	
2011	0.7	PTPN22;AP4B1	C1272321	
2019	0.7	PTPN22;AP4B1	C0751676	C04
2019	0.7	PTPN22;AP4B1	C0007117	C04
2016	0.7	PTPN22;AP4B1	C0200641	
2019	0.7	PTPN22;AP4B1	C4310768	
2016	0.7	PTPN22;AP4B1	C0200638	
2011	0.7	PTPN22;AP4B1	C0004096	C08;C20
2007	0.7		C0011854	C18;C20;C19
2009	0.7		C1836233	
2009	0.7		C1836230	
2009	0.7		C1836231	
2009	0.7		C1836232	
2012	0.7		C0010068	C14
2007	0.7	HLA-B;LINC025	C0003873	C17;C05;C20
2012	0.7	HLA-B;LINC025	C0200635	
2011	0.7	HLA-B;LINC025	C0003873	C17;C05;C20
2007	0.88		C0010346	C06
2007	0.83		C0011854	C18;C20;C19
2012	0.7		C3495559	C17;C05;C20
2011	0.7		C0004096	C08;C20
2011	0.7		C1272321	
2010	0.8	LOC285626	C0033860	C17
2015	0.7	LOC285626	C0008312	C23;C06
2011	0.7		C0242379	C04;C08
2011	0.7		C0003873	C17;C05;C20
2011	0.7		C0003873	C17;C05;C20
2010	0.83	MACIR	C0003873	C17;C05;C20
2011	0.7	MACIR	C0004364	C20
2011	0.7	MACIR	C0021053	C20
2009	0.7		C0027404	C10;F03
2011	0.7		C0003873	C17;C05;C20
2015	0.7		C0021390	C06

2011	0.7	PRRC2A;SNOR	C0003873	C17;C05;C20
2010	0.7	PRRC2A;SNOR	C1836232	
2010	0.7	PRRC2A;SNOR	C1836233	
2010	0.7	PRRC2A;SNOR	C1836230	
2010	0.7	PRRC2A;SNOR	C1836231	
2009	0.87		C0024141	C17;C20
2009	0.83		C0003873	C17;C05;C20
2010	0.82		C0036421	C17
2012	0.82		C0026691	C17;C15;C14
2011	0.73		C0004364	C20
2011	0.7		C0021053	C20
2019	0.7	VMP1	C1367654	C04;C20;C15
2019	0.7	VMP1	C0855095	C04;C20;C15
2019	0.7	VMP1	C0023434	C04;C20;C15
2008	0.81	LOC105371664	C0007570	C06;C18
2011	0.71	LOC105371664	C0004364	C20
2011	0.7	LOC105371664	C0021053	C20
2011	0.7	LOC105371664	C0004096	C08;C20
2008	0.8		C0021390	C06
2011	0.8		C0201657	
2010	0.8		C0009324	C06
2009	0.71		C0010346	C06
2018	0.7		C0202236	
2007	0.7		C0003873	C17;C05;C20
2011	0.7		C0003873	C17;C05;C20
2008	0.82		C0010346	C06
2010	0.81		C0003873	C17;C05;C20
2011	0.81		C0009324	C06
2010	0.72		C0004096	C08;C20
2012	0.7		C0008312	C23;C06
2013	0.7		C1527304	C20
2011	0.7	TSBP1;TSBP1-	C0003873	C17;C05;C20
2016	0.7	SYK	C0392885	
2014	0.7	NPEPPS	C0002736	C18;C10
2010	0.8	MROH3P	C0007570	C06;C18
2011	0.7	MROH3P	C0004096	C08;C20
2011	0.7	MROH3P	C0004364	C20
2011	0.7	MROH3P	C0021053	C20
2008	0.85		C0010346	C06
2008	0.84		C0009324	C06
2012	0.81		C0021390	C06
2009	0.8		C0011854	C18;C20;C19

2009	0.72		C0024141	C17;C20
2011	0.7		C1272321	
2016	0.7	SAE1	C0202236	
2007	0.86	CTLA4	C0011854	C18;C20;C19
2008	0.85	CTLA4	C0003873	C17;C05;C20
2010	0.81	CTLA4	C0004364	C20
2016	0.7	CTLA4	C0020676	C19
2019	0.7	CTLA4	C3150797	
2011	0.7	CTLA4	C0021053	C20
3 (finding)	0.7	CTLA4	C1857845	
2019	0.7	CTLA4	C4310768	
2019	0.7	CTLA4	C4014795	
2011	0.7	CTLA4	C1272321	
ILITY TO	0.7	CTLA4	C1833450	
2010	0.8	CCR6;LOC1053	C0003873	C17;C05;C20
2011	0.7	CCR6;LOC1053	C0021053	C20
2011	0.7	CCR6;LOC1053	C0004364	C20
2010	0.7	HCG27	C1836230	
2010	0.7	HCG27	C1836231	
2010	0.7	HCG27	C1836232	
2010	0.7	HCG27	C1836233	
2007	0.7	LOC100294145	C0011854	C18;C20;C19
2009	0.7	LOC100294145	C0027404	C10;F03
2012	0.7	HLA-DQA1	C0036202	C15
2009	0.7		C0027404	C10;F03
2011	0.7		C0003873	C17;C05;C20
2011	0.81	HCG23;TSBP1-	C0004096	C08;C20
2007	0.7	HCG23;TSBP1-	C0011854	C18;C20;C19
2007	0.7	HCG23;TSBP1-	C0003873	C17;C05;C20
2010	0.8	IL2RA	C0002171	C17
2012	0.8		C0020676	C19
2011	0.7		C0003873	C17;C05;C20
2013	0.7		C0019163	C06;C01
2011	0.7		C0003873	C17;C05;C20
2009	0.7		C0027404	C10;F03
2012	0.7		C0036202	C15
2007	0.7	HLA-DRA	C0011854	C18;C20;C19
2007	0.7	HLA-DRA	C0003873	C17;C05;C20
2010	0.7	HLA-DRA	C0036421	C17
2012	0.7	HLA-DRA	C0026691	C17;C15;C14
2011	0.7	HLA-DRA	C0003873	C17;C05;C20
2011	0.7	HLA-DRA	C0003873	C17;C05;C20

2010	0.9	HLA-DRA	C0030567	C10
2011	0.8	HLA-DRA	C0036421	C17
2013	0.7	HLA-DRA	C0019829	C04;C20;C15
2007	0.7	HLA-DRA	C0003873	C17;C05;C20
2010	0.8	TSBP1;TSBP1-	C4277682	C06;C25
2010	0.7	TSBP1;TSBP1-	C0027404	C10;F03
2012	0.7	TSBP1;TSBP1-	C0200635	
2011	0.7	TSBP1;TSBP1-	C0003873	C17;C05;C20
2007	0.7	TSBP1;TSBP1-	C0011854	C18;C20;C19
2007	0.7	TSBP1;TSBP1-	C0003873	C17;C05;C20
2007	0.7	TSBP1;TSBP1-	C0011854	C18;C20;C19
2014	0.7	DHX16	C0007193	C14
2007	0.7	BAG6;APOM	C0003873	C17;C05;C20
2007	0.7	BAG6;APOM	C0011854	C18;C20;C19
2007	0.7		C0003873	C17;C05;C20
2007	0.7		C0011854	C18;C20;C19
2014	0.7		C0024141	C17;C20
2011	0.7		C0003873	C17;C05;C20
2009	0.7		C0027404	C10;F03
2007	0.7	TSBP1-AS1	C0003873	C17;C05;C20
2014	0.7	TSBP1-AS1	C0024141	C17;C20
2017	0.7	TSBP1-AS1	C4049938	
2012	0.7	TSBP1-AS1	C0002171	C17
2014	0.82	POU5F1	C0011860	C18;C19
2011	0.8	POU5F1	C0038325	C17;C20;C25;C0
2011	0.7	POU5F1	C0014518	C17;C20;C25;C0
2010	0.7	PSORS1C1	C1836231	
2010	0.7	PSORS1C1	C1836230	
2010	0.7	PSORS1C1	C1836232	
2010	0.7	PSORS1C1	C1836233	
2007	0.7	PSORS1C1	C0011854	C18;C20;C19
2012	0.7	PSORS1C1	C0026896	C04;C20;C10
2014	0.7	PSORS1C1	C0024141	C17;C20
2015	0.7	PSORS1C1	C0024137	C17
2011	0.7	PSORS1C1	C0017665	C13;C12;C20
2012	0.7	PSORS1C1	C0242379	C04;C08
2007	0.7	POU5F1;TCF19	C0011854	C18;C20;C19
2010	0.7	C6orf15;PSORS	C1836233	
2010	0.7	C6orf15;PSORS	C1836231	
2010	0.7	C6orf15;PSORS	C1836230	
2010	0.7	C6orf15;PSORS	C1836232	
2009	0.7	CDSN;PSORS1	C1836231	

2009	0.7	CDSN;PSORS1	C1836232	
2009	0.7	CDSN;PSORS1	C1836233	
2009	0.7	CDSN;PSORS1	C1836230	
2010	0.7	PSORS1C1	C1836232	
2010	0.7	PSORS1C1	C1836233	
2010	0.7	PSORS1C1	C1836230	
2010	0.7	PSORS1C1	C1836231	
2007	0.7	HLA-B	C0011854	C18;C20;C19
2014	0.8	POU5F1	C0011860	C18;C19
2007	0.7	NOTCH4	C0003873	C17;C05;C20
2007	0.7	NOTCH4	C0011854	C18;C20;C19
2007	0.7	PPT2;PPT2-EG	C0011854	C18;C20;C19
2007	0.7	PPT2;PPT2-EG	C0003873	C17;C05;C20
2013	0.7	PPT2;PPT2-EG	C0026764	C04;C20;C15;C1
2009	0.7		C0027404	C10;F03
2011	0.7		C0003873	C17;C05;C20
2007	0.7	RNF5;AGPAT1;	C0011854	C18;C20;C19
2007	0.7	RNF5;AGPAT1;	C0003873	C17;C05;C20
2018	0.7	TNXB	C0040420	
2007	0.7	TNXB	C0003873	C17;C05;C20
2007	0.7	TNXB	C0011854	C18;C20;C19
2007	0.7		C0003873	C17;C05;C20
2007	0.7		C0011854	C18;C20;C19
2011	0.7		C0003873	C17;C05;C20
2009	0.8		C0008312	C23;C06
2007	0.7		C0003873	C17;C05;C20
2009	0.7		C0023892	C23;C06
2013	0.7		C2239176	C06;C04
2011	0.7		C0003873	C17;C05;C20
2011	0.7	HLA-DRA	C0003873	C17;C05;C20
2010	0.8	HLA-DRA	C1445957	
2010	0.8	HLA-DRA	C0202117	
2013	0.7	HLA-DRA	C1527304	C20
2018	0.7	HLA-DRA	C0202236	
2010	0.7	HLA-DRA	C0428474	
2008	0.85	APEH;MST1	C0021390	C06
2008	0.83	APEH;MST1	C0010346	C06
2008	0.82	APEH;MST1	C0009324	C06
2011	0.72	APEH;MST1	C0566602	C06
2011	0.7	APEH;MST1	C0004096	C08;C20
2016	0.7	APEH;MST1	C0033860	C17
2018	0.7	APEH;MST1	C2985280	

2011	0.7	APEH;MST1	C0008313	C06
2016	0.7	APEH;MST1	C0038013	C05
2016	0.7	LINC01967	C0392885	
2012	0.83	TYK2	C0003873	C17;C05;C20
2012	0.81	TYK2	C0033860	C17
2013	0.8	TYK2	C3898105	C17;C05;C20
2012	0.8	TYK2	C0008312	C23;C06
2013	0.75	TYK2	C0004364	C20
2015	0.73	TYK2	C0024141	C17;C20
2019	0.7	TYK2	C3150797	
2013	0.7	TYK2	C1384600	C17;C05;C20
2015	0.7	TYK2	C0036202	C15
2015	0.7	TYK2	C0263361	C17
2019	0.7	TYK2	C4310768	
2019	0.7	TYK2	C0020676	C19
2019	0.7	TYK2	C4014795	
2013	0.7	TYK2	C0087031	C17;C05;C20
2013	0.7	TYK2	C1858558	C17;C05;C20
2015	0.7	TYK2	C0011854	C18;C20;C19
2016	0.7	TYK2	C0032181	
2013	0.7	TYK2	C3890205	C17;C05;C20
2013	0.7	TYK2	C2931171	C17;C05;C20
2019	0.7		C0024141	C17;C20
2019	0.7		C0027121	C05;C10
2019	0.7		C0036421	C17
2019	0.7		C0003873	C17;C05;C20
2018	0.7	SLAMF7	C2985280	
2010	0.8	MMEL1	C0007570	C06;C18
2013	0.7	MMEL1	C0008313	C06
2011	0.7	MMEL1	C0004364	C20
2012	0.7	MMEL1	C0566602	C06
2011	0.7	MMEL1	C0004096	C08;C20
2011	0.7	MMEL1	C0021053	C20
2007	0.87	TRAF1	C0003873	C17;C05;C20
2011	0.7	TRAF1	C0004364	C20
2011	0.7	TRAF1	C0021053	C20
2011	0.81	FCRL3	C0018213	C11;C20;C19
2006	0.71	FCRL3	C0003873	C17;C05;C20
2016	0.7	FCRL3	C0202117	
2011	0.7	BTNL2;TSBP1-	C0003873	C17;C05;C20
2012	0.7	BTNL2;TSBP1-	C0036202	C15
2009	0.82	LACC1	C0023343	C01

2008	0.81	LACC1	C0010346	C06
2011	0.7	LACC1	C0004096	C08;C20
2015	0.7	LACC1	C0021390	C06
2010	0.8	BTNL2;TSBP1-	C0042900	C17
2007	0.7	BTNL2;TSBP1-	C0003873	C17;C05;C20
2009	0.7	BTNL2;TSBP1-	C0027404	C10;F03
2007	0.7	BTNL2;TSBP1-	C0011854	C18;C20;C19
2012	0.81	BTNL2;TSBP1-	C0152013	C04
2012	0.71	BTNL2;TSBP1-	C0036202	C15
2007	0.7	BTNL2;TSBP1-	C0011854	C18;C20;C19
2007	0.7	BTNL2;TSBP1-	C0003873	C17;C05;C20
2008	0.8	CTSH	C0011854	C18;C20;C19
2012	0.7	CTSH	C0200635	
2008	0.8	ATG16L1	C0010346	C06
2011	0.7	ATG16L1	C0004096	C08;C20
2014	0.7	CYP21A2;STK1	C0024141	C17;C20
2007	0.7	CYP21A2;STK1	C0003873	C17;C05;C20
2019	0.7	CYP21A2;STK1	C0036341	F03
2019	0.7	CYP21A2;STK1	C1269683	F03
2012	0.7	CYP21A2;STK1	C0202236	
2016	0.7	LINC00336;GG	C0871470	
2007	0.7		C0011854	C18;C20;C19
2015	0.7		C1446147	
2015	0.7		C1318233	
2007	0.7		C0003873	C17;C05;C20
2013	0.7	RGS14	C2239219	
2019	0.7	RGS14	C0014772	
2009	0.8		C0033860	C17
2017	0.7	TNFRSF1A	C0008312	C23;C06
2009	0.8	PRKD2	C0011854	C18;C20;C19
2008	0.83	TNFSF15	C0010346	C06
2011	0.7	TNFSF15	C0004096	C08;C20
2016	0.7	SLC15A2	C0392885	
2014	0.7	CYP21A2;SKIV	C0024141	C17;C20
2007	0.7	CYP21A2;SKIV	C0003873	C17;C05;C20
2012	0.8		C0042900	C17
2014	0.8		C0003873	C17;C05;C20
2012	0.7		C0018213	C11;C20;C19
2019	0.7		C3150797	
2012	0.7		C0677607	C19
2019	0.7		C0200638	
2019	0.7		C4014795	

2012	0.7		C0920350	C20;C19
2019	0.7		C4310768	
2019	0.7		C0004364	C20
2019	0.7		C0020676	C19
2013	0.7	PVT1	C3662483	
2007	0.8		C0010346	C06
2011	0.7		C0004096	C08;C20
2011	0.7	TTC34	C0021053	C20
2011	0.7	TTC34	C0004364	C20
2010	0.8	OTUD3	C0009324	C06
2010	0.8	ICOS;LOC1019	C0007570	C06;C18
2011	0.7	ICOS;LOC1019	C0004364	C20
2011	0.7	ICOS;LOC1019	C0004096	C08;C20
2011	0.7	ICOS;LOC1019	C0021053	C20
2014	0.7	HCG22	C0007193	C14
2008	0.71	LINC02649;LIN	C0003873	C17;C05;C20
2011	0.7	LINC02649;LIN	C0021053	C20
2011	0.7	LINC02649;LIN	C0004364	C20
2009	0.8	CD69	C0011854	C18;C20;C19
2009	0.8	IL27	C0011854	C18;C20;C19
2011	0.7	IL27	C1272321	
2008	0.71	SBNO2	C0010346	C06
2008	0.84	CD40	C0003873	C17;C05;C20
2011	0.77	CD40	C0024141	C17;C20
2011	0.71	CD40	C0004364	C20
2011	0.7	CD40	C0021053	C20
2010	0.8	ICOSLG	C0007570	C06;C18
2011	0.7	ICOSLG	C0004096	C08;C20
2011	0.7	ICOSLG	C0004364	C20
2011	0.7	ICOSLG	C0021053	C20
2011	0.7	CYP21A2;EHM	C0003873	C17;C05;C20
2009	0.8		C0011854	C18;C20;C19
2019	0.7		C0013595	C17
2009	0.8		C0011854	C18;C20;C19
2008	0.81	SPATA2	C0033860	C17
2010	0.8		C0009324	C06
2011	0.7	TSBP1;TSBP1-	C0003873	C17;C05;C20
2009	0.7	TSBP1;TSBP1-	C0027404	C10;F03
2012	0.7	TSBP1;TSBP1-	C4528257	
2008	0.83	PHRF1	C0024141	C17;C20
2019	0.7	RGS14	C0005845	
2015	0.7	RGS14	C0009324	C06

2015	0.7	RGS14	C0010346	C06
2015	0.7	RGS14	C0021390	C06
2019	0.7	RGS14	C0022661	C13;C12
2011	0.7		C0003873	C17;C05;C20
2011	0.7		C0019163	C06;C01
2009	0.74	TNFAIP3	C0003873	C17;C05;C20
2009	0.71	TNFAIP3	C0024141	C17;C20
2017	0.7	TNFAIP3	C1527304	C20
2012	0.7		C0036202	C15
2019	0.7		C0201278	
2010	0.7	PSORS1C1	C1836232	
2010	0.7	PSORS1C1	C1836233	
2010	0.7	PSORS1C1	C1836230	
2010	0.7	PSORS1C1	C1836231	
2014	0.7	CYP21A2;EHM	C0024141	C17;C20
2007	0.7	CYP21A2;EHM	C0003873	C17;C05;C20
2009	0.7	TSBP1;TSBP1-	C0027404	C10;F03
2012	0.7	TSBP1;TSBP1-	C4528257	
2011	0.7	TSBP1;TSBP1-	C0003873	C17;C05;C20
2009	0.7	TSBP1;TSBP1-	C0027404	C10;F03
2009	0.83	ATG5	C0024141	C17;C20
2011	0.7	ATG5	C0021053	C20
2011	0.7	ATG5	C0004364	C20
2009	0.7	TSBP1;TSBP1-	C0027404	C10;F03
2012	0.7	TSBP1;TSBP1-	C4528257	
2011	0.7	TSBP1;TSBP1-	C0003873	C17;C05;C20
2009	0.8	HORMAD2;LOC	C0011854	C18;C20;C19
2010	0.8	IL17REL	C0009324	C06
2009	0.81	LINC01620	C0009324	C06
2017	0.7	LINC01620	C0021390	C06
2019	0.7	ELMO1	C0004364	C20
2019	0.7	ELMO1	C0020676	C19
2019	0.7	ELMO1	C3150797	
2019	0.7	ELMO1	C4310768	
2019	0.7	ELMO1	C4014795	
2019	0.7	ELMO1	C0200638	
2019	0.7	ZBTB46	C1367654	C04;C20;C15
2007	0.7		C0003873	C17;C05;C20
2015	0.7		C0010346	C06
2015	0.7		C0021390	C06
2009	0.86	TNFAIP3	C0033860	C17
2015	0.71	TNFAIP3	C0263361	C17

2018	0.7		C1269683	F03
2007	0.8	HLA-DRB1	C0003873	C17;C05;C20
2012	0.7	HLA-DRB1	C4528257	
2009	0.7	HLA-DRB1	C0027404	C10;F03
2012	0.7	HLA-DRB1	C0036202	C15
2017	0.7	HLA-DRB1	C4049938	
2014	0.7	CYP21A2;NELF	C0024141	C17;C20
2011	0.7	CYP21A2;NELF	C0018213	C11;C20;C19
2012	0.8	CXCR5	C0021390	C06
2017	0.71	C2;CYP21A2	C0014175	C13
2011	0.7	C2;CYP21A2	C0003873	C17;C05;C20
2018	0.7	C2;CYP21A2	C1956346	C14
2008	0.83	PXK	C0024141	C17;C20
2007	0.7	CYP21A2;SLC4	C0003873	C17;C05;C20
2014	0.7	CYP21A2;SLC4	C0024141	C17;C20
2007	0.82		C0003873	C17;C05;C20
2011	0.8		C0018213	C11;C20;C19
2010	0.8		C0036421	C17
2019	0.7		C0268446	C16;C18;C05;C1
2015	0.7		C1446147	
2009	0.7		C0027404	C10;F03
2015	0.7		C1318233	
2013	0.7		C2239176	C06;C04
2008	0.81		C0003873	C17;C05;C20
2010	0.7		C0005890	
2009	0.7		C0027404	C10;F03
2010	0.7		C0489786	
2008	0.81	ATXN2	C0007570	C06;C18
2011	0.8	ATXN2	C0004364	C20
2011	0.8	ATXN2	C0021053	C20
2014	0.8	ATXN2	C1704436	C14
2011	0.71	ATXN2	C0011854	C18;C20;C19
2011	0.71	ATXN2	C0010068	C14
2015	0.7	ATXN2	C0021390	C06
2011	0.7	ATXN2	C0005823	
2009	0.7	ATXN2	C0014772	
2009	0.7	ATXN2	C1305849	
2013	0.7	ATXN2	C0039685	C16;C14
2016	0.7	ATXN2	C0200641	
2010	0.7	ATXN2	C0022661	C13;C12
2016	0.7	ATXN2	C0750880	
2012	0.7	ATXN2	C4528257	

2012	0.7	ATXN2	C0020676	C19
2016	0.7	ATXN2	C0200637	
2018	0.7	ATXN2	C1445957	
2011	0.7	ATXN2	C0004096	C08;C20
2015	0.7	ATXN2	C0002171	C17
2017	0.7	ATXN2	C0024141	C17;C20
2018	0.7	ATXN2	C0202117	
2013	0.7	ATXN2	C0017654	
2016	0.7	ATXN2	C0200638	
2015	0.7	ATXN2	C0027051	C23;C14
2015	0.7	ATXN2	C0036202	C15
2013	0.7	ATXN2	C0202239	
2010	0.7	ATXN2	C1619716	
2011	0.7	ATXN2	C0428886	
2013	0.7	ATXN2	C0018099	C16;C18;C05
2015	0.7	ATXN2	C0010346	C06
2019	0.7	ATXN2	C0013595	C17
2010	0.7	ATXN2	C1561643	C13;C12
2013	0.7	ATXN2	C0003868	C16;C18;C05
2009	0.7	ATXN2	C0428883	
2008	0.8	ATG5	C0024141	C17;C20
2017	0.7	ATG5	C0003873	C17;C05;C20
2007	0.7	C2;CYP21A2;E	C0003873	C17;C05;C20
2014	0.7	C2;CYP21A2;E	C0024141	C17;C20
2007	0.7	CYP21A2;SLC4	C0003873	C17;C05;C20
2014	0.7	CYP21A2;SLC4	C0024141	C17;C20
2016	0.7		C0011860	C18;C19
2017	0.7		C0024141	C17;C20
2017	0.7	PHGDH	C0678222	C04;C17
2007	0.81	PHTF1	C0011854	C18;C20;C19
2008	0.8	PHTF1	C0010346	C06
2012	0.8	PHTF1	C0020676	C19
2013	0.8	PHTF1	C3898105	C17;C05;C20
2007	0.8	PHTF1	C0003873	C17;C05;C20
2015	0.71	PHTF1	C0033860	C17
2012	0.71	PHTF1	C0004364	C20
2015	0.7	PHTF1	C0009324	C06
2015	0.7	PHTF1	C4014795	
2015	0.7	PHTF1	C4310768	
2019	0.7	PHTF1	C0027121	C05;C10
2015	0.7	PHTF1	C3150797	
2013	0.7	PHTF1	C1858558	C17;C05;C20

2015	0.7	PHTF1	C1956391	C17;C20;C10;C1
2015	0.7	PHTF1	C0009447	C20
2013	0.7	PHTF1	C3890205	C17;C05;C20
2019	0.7	PHTF1	C0036421	C17
2013	0.7	PHTF1	C0087031	C17;C05;C20
2015	0.7	PHTF1	C0024141	C17;C20
2015	0.7	PHTF1	C0920350	C20;C19
2013	0.7	PHTF1	C2931171	C17;C05;C20
2013	0.7	PHTF1	C1384600	C17;C05;C20
2015	0.7	PHTF1	C0007570	C06;C18
2015	0.7	PHTF1	C3495559	C17;C05;C20
2015	0.7	PHTF1	C0038013	C05
2013	0.8	LRRC34	C0206062	C08
2019	0.7	LRRC34	C0023434	C04;C20;C15
2019	0.7	LRRC34	C0855095	C04;C20;C15
2017	0.7	LRRC34	C0549473	C04;C19
2007	0.84		C0007570	C06;C18
2007	0.77		C0003873	C17;C05;C20
2010	0.72		C0004364	C20
2011	0.7		C0021053	C20
2010	0.81	ANKRD55	C0003873	C17;C05;C20
2011	0.7	ANKRD55	C0021053	C20
2011	0.7	ANKRD55	C0004364	C20
2015	0.7		C0021390	C06
2019	0.7	IL7R	C0013595	C17
2011	0.8	IL7R	C0008312	C23;C06
2009	0.7	HLA-DQB2	C0027404	C10;F03
2009	0.7	HLA-DQB2	C0027404	C10;F03
2007	0.7	HLA-DQB2	C0011854	C18;C20;C19
2010	0.8	HLA-DRB9	C0019829	C04;C20;C15
2012	0.71	HLA-DRB9	C0152268	C04;C20;C15
2007	0.7	HLA-DRB9	C0011854	C18;C20;C19
2007	0.7	HLA-DRB9	C0003873	C17;C05;C20
2011	0.7	HLA-DRB9	C0018213	C11;C20;C19
2007	0.7	HLA-B;USP8P1	C0011854	C18;C20;C19
2010	0.7	HLA-B;USP8P1	C1836231	
2010	0.7	HLA-B;USP8P1	C1836232	
2010	0.7	HLA-B;USP8P1	C1836230	
2010	0.7	HLA-B;USP8P1	C1836233	
2008	0.8	CDKAL1	C0010346	C06
2011	0.7	CDKAL1	C0004096	C08;C20
2007	0.9		C0003873	C17;C05;C20

2012	0.8		C0021390	C06
2011	0.8		C0009324	C06
2009	0.71		C0024141	C17;C20
2011	0.7		C0021053	C20
2011	0.7		C0004364	C20
2014	0.7		C0200633	
2011	0.7		C0003873	C17;C05;C20
2010	0.8	LOC102723878	C0010346	C06
2012	0.8	LOC102723878	C0008312	C23;C06
2010	0.8	LOC102723878	C0002171	C17
2015	0.7	LOC102723878	C0263361	C17
2015	0.7	LOC102723878	C0036202	C15
2013	0.7	LOC102723878	C0566602	C06
2009	0.81	GLIS3	C0011854	C18;C20;C19
2011	0.81	IL2RA	C0004364	C20
2010	0.8	IL2RA	C0003873	C17;C05;C20
2007	0.75	IL2RA	C0011854	C18;C20;C19
2015	0.7	IL2RA	C0009447	C20
2015	0.7	IL2RA	C4310768	
2015	0.7	IL2RA	C0007570	C06;C18
2015	0.7	IL2RA	C3150797	
2015	0.7	IL2RA	C4014795	
2015	0.7	IL2RA	C0024141	C17;C20
2015	0.7	IL2RA	C0009324	C06
2015	0.7	IL2RA	C0038013	C05
2015	0.7	IL2RA	C0033860	C17
2015	0.7	IL2RA	C3495559	C17;C05;C20
2015	0.7	IL2RA	C0010346	C06
2011	0.7	IL2RA	C0021053	C20
2015	0.7	IL2RA	C0920350	C20;C19
2012	0.8	ANKRD55	C0003873	C17;C05;C20
2016	0.7	ANKRD55	C0008313	C06
2016	0.7	ANKRD55	C0033860	C17
2015	0.7	ANKRD55	C0010346	C06
2013	0.7	ANKRD55	C3898105	C17;C05;C20
2016	0.7	ANKRD55	C0038013	C05
2016	0.7	ANKRD55	C0009324	C06
2017	0.7	HLA-DRA	C4049938	
2008	0.7	HLA-DRA	C0036202	C15
2011	0.7	HLA-DRA	C0003873	C17;C05;C20
2013	0.7	HLA-DRA	C0149678	C01
2009	0.7	HLA-DRA	C0027404	C10;F03

2015	0.7	CLEC16A	C0024141	C17;C20
2007	0.7	CLEC16A	C0011854	C18;C20;C19
2012	0.81		C0011860	C18;C19
2009	0.8		C0011854	C18;C20;C19
2009	0.8		C0011854	C18;C20;C19
2019	0.7	PVR;LOC10798	C2985280	
2012	0.81	BACH2	C0003873	C17;C05;C20
2019	0.7	BACH2	C4014795	
2019	0.7	BACH2	C4310768	
2019	0.7	BACH2	C0007137	C04
2016	0.7	BACH2	C0200635	
2012	0.7	BACH2	C0677607	C19
2012	0.7	BACH2	C0018213	C11;C20;C19
2012	0.7	BACH2	C0920350	C20;C19
2016	0.7	BACH2	C0007570	C06;C18
2016	0.7	BACH2	C0009324	C06
2016	0.7	BACH2	C0008313	C06
2019	0.7	BACH2	C0004364	C20
2016	0.7	BACH2	C0042900	C17
2019	0.7	BACH2	C3150797	
2016	0.7	BACH2	C0038013	C05
2016	0.7	BACH2	C0033860	C17
2015	0.7	BACH2	C0011854	C18;C20;C19
2016	0.7	BACH2	C0010346	C06
2010	0.7	HLA-B	C1836231	
2010	0.7	HLA-B	C1836233	
2010	0.7	HLA-B	C1836230	
2010	0.7	HLA-B	C1836232	
2007	0.82	IL2RB	C0003873	C17;C05;C20
2011	0.7	IL2RB	C0004364	C20
2011	0.7	IL2RB	C0021053	C20
2008	0.87	STAT3	C0010346	C06
2011	0.7	STAT3	C0004096	C08;C20
2015	0.7	STAT3	C0021390	C06
2011	0.88	HLA-DQB2	C0019163	C06;C01
2012	0.74	HLA-DQB2	C2239176	C06;C04
2013	0.72	HLA-DQB2	C0524909	C06;C01
2014	0.7	HLA-DQB2	C0024141	C17;C20
2007	0.7	HLA-DQB2	C0011854	C18;C20;C19
2007	0.9	STAT4	C0003873	C17;C05;C20
2007	0.9	STAT4	C0024141	C17;C20
2013	0.9	STAT4	C2239176	C06;C04

2008	0.9	STAT4	C0004364	C20
2009	0.87	STAT4	C0036421	C17
2012	0.81	STAT4	C0008312	C23;C06
2011	0.8	STAT4	C0021053	C20
2017	0.7	STAT4	C1527336	C11;C17;C05;C2
SUSCEPTIBIL	0.7	STAT4	C2677096	
2012	0.7	STAT4	C0023892	C23;C06
2008	0.8	GATD3A	C0010346	C06
2011	0.7	GATD3A	C0004096	C08;C20
2007	0.9	CD226	C0011854	C18;C20;C19
2011	0.7	CD226	C1272321	
2013	0.7	CD226	C0566602	C06
2011	0.8	MANBA	C0008312	C23;C06
2011	0.7	MANBA	C0023892	C23;C06
2015	0.7	MANBA	C0033860	C17
2009	0.73	TNIP1	C0024141	C17;C20
2016	0.7		C0201657	
2008	0.81		C0010346	C06
2017	0.7		C0021390	C06
2011	0.7		C0004096	C08;C20
2015	0.7		C0009324	C06
2011	0.7		C0003873	C17;C05;C20
2009	0.7		C0027404	C10;F03
2013	0.7	HLA-DQB2	C0019163	C06;C01
2009	0.8	SKAP2	C0011854	C18;C20;C19
2010	0.8	KPNA7	C0009324	C06
2007	0.8		C0011860	C18;C19
2017	0.7		C1305855	
2009	0.84		C0011615	C16;C17;C20
2011	0.82		C0004096	C08;C20
2008	0.81		C0010346	C06
2013	0.7		C1527304	C20
2014	0.8	LOC105376481	C0003873	C17;C05;C20
2019	0.7	LOC107984652	C1367654	C04;C20;C15
2010	0.81		C0007570	C06;C18
2019	0.7		C0855095	C04;C20;C15
2011	0.7		C0004364	C20
2019	0.7		C0023434	C04;C20;C15
2011	0.7		C0004096	C08;C20
2011	0.7		C0021053	C20
2009	0.81	ATXN2L	C0021390	C06
2019	0.7	ATXN2L	C0021704	F01

2017	0.7	ATXN2L	C1305855	
2019	0.7	DLEU1	C0079744	C04;C20;C15
2019	0.7	DLEU1	C0855095	C04;C20;C15
2019	0.7	DLEU1	C0023434	C04;C20;C15
2011	0.82		C0038013	C05
2013	0.7	CDC37	C0020445	C16;C18
2009	0.7	JAZF1	C0024141	C17;C20
2010	0.82		C0003873	C17;C05;C20
2011	0.7		C0004364	C20
2011	0.7		C0021053	C20
2017	0.7	MPV17L2	C1445957	
2007	0.7	LOC107985947	C1623258	
2007	0.7	LOC107985947	C0429087	
2011	0.7	TSBP1;TSBP1-	C0003873	C17;C05;C20
2007	0.7	TSBP1;TSBP1-	C0011854	C18;C20;C19
2009	0.7	TSBP1;TSBP1-	C0152013	C04
2007	0.7	TSBP1;TSBP1-	C0011860	C18;C19
2009	0.7	TSBP1;TSBP1-	C0027404	C10;F03
2009	0.83		C0007570	C06;C18
2008	0.81		C0021390	C06
2011	0.71		C0004364	C20
2011	0.7		C0004096	C08;C20
2011	0.7		C0021053	C20
2013	0.8	HLA-A	C0201910	
2014	0.8	TSBP1;TSBP1-	C0023434	C04;C20;C15
2007	0.7	TSBP1;TSBP1-	C0011854	C18;C20;C19
2014	0.7	TSBP1;TSBP1-	C0855095	C04;C20;C15
2007	0.7	TSBP1;TSBP1-	C0003873	C17;C05;C20
2014	0.7	HCG22	C0007193	C14
2014	0.7	HCG22	C0007193	C14
2014	0.7	HCG22	C0007193	C14
2009	0.7	TSBP1;TSBP1-	C0027404	C10;F03
2012	0.7	TSBP1;TSBP1-	C4528257	
2011	0.7	TSBP1;TSBP1-	C0003873	C17;C05;C20
2007	0.7		C0003873	C17;C05;C20
2007	0.7		C0011854	C18;C20;C19
2007	0.7	CYP21A2;SLC4	C0003873	C17;C05;C20
2007	0.7	CYP21A2;SLC4	C0011854	C18;C20;C19
2007	0.7		C0003873	C17;C05;C20
2011	0.7		C0003873	C17;C05;C20
2009	0.7		C0027404	C10;F03
2011	0.7		C0003873	C17;C05;C20

2009	0.7		C0027404	C10;F03
2007	0.7		C0003873	C17;C05;C20
2007	0.7		C0011854	C18;C20;C19
2012	0.8	TSBP1;TSBP1-	C0010068	C14
2009	0.7	TSBP1;TSBP1-	C0027404	C10;F03
2008	0.7	TSBP1;TSBP1-	C0036202	C15
2012	0.7	TSBP1;TSBP1-	C0036202	C15
2011	0.7	TSBP1;TSBP1-	C0003873	C17;C05;C20
2011	0.7	TSBP1-AS1	C0003873	C17;C05;C20
2011	0.7	BTNL2;TSBP1-	C0003873	C17;C05;C20
2012	0.7	BTNL2;TSBP1-	C0036202	C15
2011	0.8		C0003873	C17;C05;C20
2009	0.7		C0027404	C10;F03
2011	0.7		C0003873	C17;C05;C20
2009	0.7		C0027404	C10;F03
2009	0.8	HLA-DRA	C0011854	C18;C20;C19
2013	0.7	HLA-DRA	C0019163	C06;C01
2011	0.7	HLA-DRA	C0003873	C17;C05;C20
2009	0.7	HLA-DRA	C0027404	C10;F03
2011	0.7	HLA-DRB9	C0003873	C17;C05;C20
2009	0.7	HLA-DRB9	C0027404	C10;F03
2007	0.7	HLA-DRB9	C0003873	C17;C05;C20
2013	0.7	HLA-DRB9	C0149678	C01
2014	0.7	HLA-DRB9	C0024141	C17;C20
2013	0.8	HLA-DRB9	C0024299	C04;C20;C15
2011	0.8	HLA-DRB9	C0009324	C06
2012	0.7	HLA-DRB9	C0201657	
2013	0.7	HLA-DRB9	C0149678	C01
2011	0.7	HLA-DRB9	C0003873	C17;C05;C20
2009	0.7	HLA-DRB9	C0027404	C10;F03
2019	0.7	HLA-DRB9	C0011854	C18;C20;C19
2012	0.7	HLA-DRB9	C0004096	C08;C20
2012	0.7	HLA-DRB9	C0200635	
2011	0.7	HLA-DRB9	C0003873	C17;C05;C20
2012	0.7	HLA-DRB9	C0201657	
2009	0.7	HLA-DRB9	C0027404	C10;F03
2008	0.81	HLA-DRB9	C0009324	C06
2014	0.71	HLA-DRB9	C0338451	C18;C10;F03
2009	0.7	HLA-DRB9	C0027404	C10;F03
2009	0.7	HLA-DRB1	C0027404	C10;F03
2015	0.7	HLA-DRB1	C0026896	C04;C20;C10
2009	0.84		C0024141	C17;C20

2011	0.82		C0010346	C06
2011	0.81		C0009324	C06
2011	0.71		C0021390	C06
2010	0.7		C0202202	
2007	0.7		C0003873	C17;C05;C20
2010	0.7		C0202083	
2009	0.7		C0023343	C01
2015	0.7		C1446147	
2012	0.7		C0036202	C15
2015	0.7		C1318233	
2007	0.81	HLA-DQA1	C0011854	C18;C20;C19
2012	0.81	HLA-DQA1	C0004096	C08;C20
2011	0.7	HLA-DQA1	C0003873	C17;C05;C20
2012	0.7	HLA-DQA1	C0200635	
2019	0.7	HLA-DQA1	C0741260	
2009	0.7	HLA-DQA1	C0027404	C10;F03
2019	0.7	HLA-DQA1	C0264408	C08;C20
2011	0.7		C0003873	C17;C05;C20
2009	0.7		C0027404	C10;F03
2011	0.7		C0003873	C17;C05;C20
2011	0.84		C2239176	C06;C04
2008	0.81		C0024141	C17;C20
2013	0.8		C0524910	C06;C01
2010	0.8		C0002171	C17
2013	0.7		C0010346	C06
2007	0.7		C0003873	C17;C05;C20
2011	0.7		C0024301	C04;C20;C15
2009	0.7		C0027404	C10;F03
2011	0.7		C0003873	C17;C05;C20
2011	0.7		C0003873	C17;C05;C20
2011	0.7		C0003873	C17;C05;C20
2009	0.7	HLA-DQA2	C0027404	C10;F03
2008	0.8		C0010346	C06
2011	0.7		C0004096	C08;C20
2014	0.7		C0007570	C06;C18
2007	0.8		C0010346	C06
2018	0.7		C2985280	
2010	0.8	SPRED2	C0003873	C17;C05;C20
2011	0.7	SPRED2	C0004364	C20
2011	0.7	SPRED2	C0021053	C20
2009	0.7	TSBP1;TSBP1-	C0027404	C10;F03
2011	0.7	TSBP1;TSBP1-	C0003873	C17;C05;C20

2012	0.7	TSBP1;TSBP1-	C4528257	
2009	0.8	CENPW	C0011854	C18;C20;C19
2010	0.7	TSBP1;TSBP1-	C1836233	
2010	0.7	TSBP1;TSBP1-	C1836231	
2013	0.7	TSBP1;TSBP1-	C1527304	C20
2010	0.7	TSBP1;TSBP1-	C1836232	
2010	0.7	TSBP1;TSBP1-	C1836230	
2016	0.7	ITPR3	C1305855	
2007	0.7		C0003873	C17;C05;C20
2007	0.7		C0011854	C18;C20;C19
2009	0.7		C0027404	C10;F03
2019	0.71		C0030809	C17;C20
2019	0.7		C0030807	C17;C20
2009	0.7		C0027404	C10;F03
2009	0.7		C0027404	C10;F03
2008	0.8	LINC02649;LIN	C0011854	C18;C20;C19
2014	0.8	LINC02649;LIN	C0003873	C17;C05;C20
2016	0.7	LINC02649;LIN	C0007570	C06;C18
2010	0.8		C0003873	C17;C05;C20
2011	0.7		C0021053	C20
2011	0.7		C0004364	C20
2019	0.7		C4042861	C23;C18
2010	0.8		C0007570	C06;C18
2011	0.7		C0004096	C08;C20
2011	0.7		C0021053	C20
2011	0.7		C0004364	C20
2012	0.8		C2699541	
2015	0.7	IFNGR2	C0033860	C17
2012	0.7	ZBTB38	C4528257	
2013	0.81	STAT3	C0010346	C06
2013	0.7		C0038013	C05
2009	0.8	UBASH3A	C0011854	C18;C20;C19
2015	0.7	SP140	C0010346	C06

7;C14

7
7

0

0;C07

List of common diseases related SNPs of MS
Diabetes Mellitus, Insulin-Dependent
Autoantibody measurement
Crohn Disease
Asthma
Blood basophil count (lab test)
Eosinophil count procedure
White Blood Cell Count procedure
Lymphocyte Count measurement
Lupus Erythematosus, Systemic
Rheumatoid Arthritis
Systemic Scleroderma
Primary biliary cirrhosis
Biliary cirrhosis
Scleroderma, Limited
Autoimmune Diseases
Diffuse Scleroderma
Immune System Diseases
Inflammatory Bowel Diseases
Ulcerative Colitis
Psoriasis
Cholangitis, Sclerosing
Ankylosing spondylitis
AUTOIMMUNE DISEASE, SUSCEPTIBILITY TO, 6
AUTOIMMUNE DISEASE, MULTISYSTEM, INFANTILE-ONSET, 1
AUTOIMMUNE DISEASE, MULTISYSTEM, INFANTILE-ONSET, 2
Celiac Disease
Non-Hodgkin's lymphoma of central nervous system
Colorectal Carcinoma
Multiple Myeloma
Chronic Lymphocytic Leukemia
Malignant neoplasm of urinary bladder
Carcinoma of bladder
Colorectal Neoplasms
Adenocarcinoma of large intestine
COLORECTAL CANCER, SUSCEPTIBILITY TO, 10
Malignant tumor of colon
COLORECTAL CANCER, SUSCEPTIBILITY TO, 12
Small Lymphocytic Lymphoma
COLORECTAL CANCER, SUSCEPTIBILITY TO, 3
Lung Diseases, Interstitial
Malignant neoplasm of large intestine

COLORECTAL CANCER, SUSCEPTIBILITY TO, 1
Chronic osteomyelitis
Marginal Zone B-Cell Lymphoma
Tonometry
immunoglobulin G index
IgG Index (procedure)
Latent Autoimmune Diabetes in Adults
Age related macular degeneration
Gout
Glomerular Filtration Rate
Arthritis, Gouty
Uric acid measurement (procedure)
von Willebrand's factor (lab test)
Disease recurrence
Arthritis, Psoriatic
Diffuse Large B-Cell Lymphoma
Triglycerides measurement
Mean Corpuscular Volume (result)
Red Blood Cell Count measurement
Corpuscular Hemoglobin Concentration Mean
Reticulocyte count (procedure)
RDW - Red blood cell distribution width result
Red cell distribution width determination
Finding of Mean Corpuscular Hemoglobin
Vitiligo
Allergic Reaction
Hashimoto Disease
Graves Disease
Autoimmune thyroiditis
Mucocutaneous Lymph Node Syndrome
mathematical ability
C-reactive protein measurement
Cerebrovascular accident
Coronary Artery Disease
Low density lipoprotein cholesterol measurement
Serum total cholesterol measurement
Serum LDL cholesterol measurement
Tetralogy of Fallot
Systolic Pressure
Diastolic blood pressure
Alcohol consumption
Mean blood pressure

Hypothyroidism
High density lipoprotein measurement
Dermatitis, Atopic
Behcet Syndrome
Huntington Disease
Selective immunoglobulin A deficiency
Immunoglobulin A measurement
Immunoglobulin A deficiency (disorder)
Protein measurement
Hodgkin Disease
Liver carcinoma
Hepatitis B
ASTHMA, SUSCEPTIBILITY TO (finding)
ALLERGIC RHINITIS, SUSCEPTIBILITY TO
Body Height
Sarcoidosis
SARCOIDOSIS, SUSCEPTIBILITY TO, 2
Narcolepsy
Chemical and Drug Induced Liver Injury
Chronic Obstructive Airway Disease
Blood Protein Measurement
Venous Thromboembolism
Precursor Cell Lymphoblastic Leukemia Lymphoma
Childhood asthma
Alopecia Areata
Polycystic Ovary Syndrome
Epstein-Barr Virus Infections
Antibody measurement (procedure)
Nasopharyngeal carcinoma
Myasthenia Gravis
Diabetes Mellitus, Non-Insulin-Dependent
Polymyositis
Basal Cell Neoplasm
Myositis
VITILIGO-ASSOCIATED MULTIPLE AUTOIMMUNE DISEASE SUSCEPTIBILI
Neutrophil count (procedure)
Granulocyte count
Basal Cell Cancer
Basal cell carcinoma
AIDS, PROGRESSION TO
HUMAN IMMUNODEFICIENCY VIRUS TYPE 1, SUSCEPTIBILITY TO
HIV-1, RESISTANCE TO

ACQUIRED IMMUNODEFICIENCY SYNDROME, PROGRESSION TO
Coronary heart disease
Juvenile arthritis
Malignant neoplasm of lung
Amyotrophic Lateral Sclerosis
CELIAC DISEASE, SUSCEPTIBILITY TO, 3 (finding)
HASHIMOTO THYROIDITIS, SUSCEPTIBILITY TO
Parkinson Disease
Cardiomyopathy, Dilated
Physical Activity Measurement
Stevens-Johnson Syndrome
Toxic Epidermal Necrolysis
Lupus Erythematosus, Cutaneous
Membranous glomerulonephritis
Primary sclerosing cholangitis
Oligoarticular Juvenile Idiopathic Arthritis
Systemic onset juvenile chronic arthritis
Psoriasis vulgaris
Juvenile-Onset Still Disease
Rheumatoid Arthritis, Systemic Juvenile
Platelet Count measurement
Polyarticular Juvenile Idiopathic Arthritis, Rheumatoid Factor Negative
Juvenile pauciarticular chronic arthritis
Leprosy
Adenocarcinoma of lung (disorder)
Schizophrenia
Major Depressive Disorder
Allergic sensitization
Eczema
Blood urea nitrogen measurement
Kidney Failure, Chronic
Endometriosis
Thyrotoxic periodic paralysis
Height
Peripheral Arterial Diseases
Blood Pressure
Diastolic blood pressure measurement
Monocyte count result
Monocyte count procedure
Myocardial Infarction
Cystatin C measurement
Chronic Kidney Diseases

Breast Carcinoma
Temporal Arteritis
Common Variable Immunodeficiency
Thyroid carcinoma
Nodular Sclerosis Classical Hodgkin Lymphoma
Squamous cell carcinoma
Hepatitis B, Chronic
Sjogren's Syndrome
SYSTEMIC LUPUS ERYTHEMATOSUS, SUSCEPTIBILITY TO, 11
Body mass index
Intelligence
Hypercholesterolemia, Familial
Electrocardiography
Electrocardiogram: P-R interval
Beta-2-microglobulin measurement
Lymphoma
Frontotemporal dementia
Adult onset asthma
Hepatitis C, Chronic
Lymphoma, Follicular
Pemphigus Vulgaris
Pemphigus
Obesity, Metabolically Benign
Cytokine Measurement

TY 6

Source.Name	disease_semantic_ty	variant_consequenc	year_final
rs653178	Disease or Syndrome	intron variant	2010
	Disease or Syndrome	intron variant	2010
	Disease or Syndrome	intron variant	2011
rs72928038	Neoplastic Process	intron variant	2019
		intron variant	2013
rs10936599	Neoplastic Process	synonymous variant	2019
	Disease or Syndrome	synonymous variant	2011
	Neoplastic Process	synonymous variant	2019
rs4976646	Disease or Syndrome	intron variant	2019
	Disease or Syndrome	intron variant	2013

variant_dp	variantid	source	variant_ds	disease_ty	ei
0.6	rs653178	CURATED	0.672	group	1
0.6	rs653178	CURATED	0.672	disease	1
0.6	rs653178	CURATED	0.672	disease	1
0.36	rs7292803	CURATED	0.695	disease	1
0.36	rs7292803	CURATED	0.695	disease	1
0.6	rs1093659	CURATED	0.637	disease	1
0.6	rs1093659	CURATED	0.637	disease	1
0.6	rs1093659	CURATED	0.637	disease	1
0.2	rs4976646	CURATED	0.851	disease	1
0.2	rs4976646	CURATED	0.851	disease	1

disease_name
Chronic Kidney Diseases
Kidney Failure, Chronic
Multiple Sclerosis
Squamous cell carcinoma
Multiple Sclerosis
Carcinoma of bladder
Multiple Sclerosis
Malignant neoplasm of urinary bladde
Kidney Failure, Chronic
Multiple Sclerosis

disease_class_name
Female Urogenital Diseases and Pregnancy Complications; Male Urogenita
Female Urogenital Diseases and Pregnancy Complications; Male Urogenita
Immune System Diseases; Nervous System Diseases
Neoplasms
Immune System Diseases; Nervous System Diseases
Neoplasms; Female Urogenital Diseases and Pregnancy Complications;
Immune System Diseases; Nervous System Diseases
Neoplasms; Female Urogenital Diseases and Pregnancy Complications;
Female Urogenital Diseases and Pregnancy Complications; Male Urogenita
Immune System Diseases; Nervous System Diseases

year_initia	score	gene_sym	diseaseid	disease_class
2010	0.7	ATXN2	C1561643	C13;C12
2010	0.7	ATXN2	C0022661	C13;C12
2011	0.7	ATXN2	C0026769	C20;C10
2019	0.7	BACH2	C0007137	C04
2013	0.7	BACH2	C0026769	C20;C10
2014	0.72	MYNN	C0699885	C04;C13;C12
2011	0.8	MYNN	C0026769	C20;C10
2014	0.72	MYNN	C0005684	C04;C13;C12
2019	0.7	RGS14	C0022661	C13;C12
2013	0.7	RGS14	C0026769	C20;C10