

**Table 18S.** SNPs used for PRS in van der Hars et al 2018

| REGION   | SNPS      | CHR_ID | CHR:POS (GRCh38p12) | to lift over              | CHR:POS (GRCh37/hg19) | Allele | OR or BETA |
|----------|-----------|--------|---------------------|---------------------------|-----------------------|--------|------------|
| 12q23.3  | rs1077854 | 12     | 107358300           | chr12:107358300-107358300 | 12_107752077          | A      | 0.029      |
| 1p31.1   | rs7271182 | 1      | 82542105            | chr1:82542105-82542105    | 1_83007788            | A      | 0.133      |
| 16p13.3  | rs2235642 | 16     | 1534865             | chr16:1534865-1534865     | 16_1584866            | T      | 0.027      |
| 19p13.3  | rs5630735 | 19     | 1946186             | chr19:1946186-1946186     | 19_1946185            | T      | 0.03       |
| 2p16.1   | rs1271342 | 2      | 60399170            | chr2:60399170-60399170    | 2_60626305            | A      | 0.031      |
| 22q11.21 | rs5993586 | 22     | 19304503            | chr22:19304503-19304503   | 22_19292026           | T      | 0.064      |
| 1q42.12  | rs6426551 | 1      | 226354348           | chr1:226354348-226354348  | 1_226542049           | A      | 0.033      |
| 14q13.3  | rs6072429 | 14     | 36977398            | chr14:36977398-36977398   | 14_37446603           | A      | 0.059      |
| 5q23.3   | rs4836390 | 5      | 128675995           | chr5:128675995-128675995  | 5_128011688           | T      | 0.04       |
| 1p21.3   | rs4394694 | 1      | 97905893            | chr1:97905893-97905893    | 1_98371449            | A      | 0.034      |
| 1p13.2   | rs1214430 | 1      | 113772871           | chr1:113772871-113772871  | 1_114315493           | T      | 0.037      |
| 3q27.2   | rs1309287 | 3      | 185777532           | chr3:185777532-185777532  | 3_185495320           | A      | 0.031      |
| 6q25.3   | rs294883  | 6      | 159261174           | chr6:159261174-159261174  | 6_159682206           | T      | 0.032      |
| 8q12.1   | rs1120015 | 8      | 55158830            | chr8:55158830-55158830    | 8_56071390            | T      | 0.075      |
| 6q15     | rs6905628 | 6      | 89635150            | chr6:89635150-89635150    | 6_90344869            | C      | 0.032      |
| 2q22.1   | rs1303505 | 2      | 136240494           | chr2:136240494-136240494  | 2_136998064           | T      | 0.033      |
| 17p13.1  | rs6741489 | 17     | 9710287             | chr17:9710287-9710287     | 17_9613604            | C      | 0.048      |
| 2p15     | rs360798  | 2      | 62723300            | chr2:62723300-62723300    | 2_62950435            | A      | 0.038      |
| 11q23.3  | rs1089256 | 11     | 120353941           | chr11:120353941-120353941 | 11_120224650          | A      | 0.03       |
| 15q26.2  | rs2860711 | 15     | 94204658            | chr15:94204658-94204658   | 15_94747887           | T      | 0.086      |
| 10q21.3  | rs2671540 | 10     | 63972738            | chr10:63972738-63972738   | 10_65732498           | T      | 0.031      |
| 6q11.1   | rs1449615 | 6      | 61506512            | chr6:61506512-61506512    | 6_62216417            | A      | 0.062      |
| 17q12    | rs7282339 | 17     | 39267817            | chr17:39267817-39267817   | 17_37424070           | T      | 0.121      |
| 19q13.43 | rs7305993 | 19     | 56097934            | chr19:56097934-56097934   | 19_56609303           | A      | 0.042      |
| 1p35.3   | rs1137163 | 1      | 27602129            | chr1:27602129-27602129    | 1_27928640            | A      | 0.064      |
| 10q24.31 | rs603424  | 10     | 100315722           | chr10:100315722-100315722 | 10_102075479          | A      | 0.033      |
| 7p21.2   | rs2073533 | 7      | 13990114            | chr7:13990114-13990114    | 7_14029739            | T      | 0.032      |
| 2q13     | rs6736093 | 2      | 111897665           | chr2:111897665-111897665  | 2_112655242           | A      | 0.033      |
| 8q21.11  | rs7842194 | 8      | 73912151            | chr8:73912151-73912151    | 8_74824386            | A      | 0.036      |
| 3p13     | rs7310409 | 3      | 70061238            | chr3:70061238-70061238    | 3_70110389            | T      | 0.07       |
| 20q13.33 | rs7314358 | 20     | 63814349            | chr20:63814349-63814349   | 20_62445702           | A      | 0.056      |
| 11q13.3  | rs7294513 | 11     | 70267795            | chr11:70267795-70267795   | 11_70113901           | C      | 0.047      |
| 2p25.2   | rs7957631 | 2      | 5927875             | chr2:5927875-5927875      | 2_6068007             | A      | 0.109      |
| 14q32.33 | rs4906332 | 14     | 103513797           | chr14:103513797-103513797 | 14_103980134          | A      | 0.032      |
| 10q23.33 | rs4919044 | 10     | 93012138            | chr10:93012138-93012138   | 10_94771895           | T      | 0.053      |
| 10q23.33 | rs1223583 | 10     | 93996743            | chr10:93996743-93996743   | 10_95756500           | A      | 0.026      |
| 13q13.3  | rs9547692 | 13     | 36899106            | chr13:36899106-36899106   | 13_37473243           | A      | 0.036      |
| 8p21.2   | rs3606901 | 8      | 25200975            | chr8:25200975-25200975    | 8_25058491            | T      | 0.035      |
| 6q24.2   | rs4896604 | 6      | 142906275           | chr6:142906275-142906275  | 6_143227412           | A      | 0.031      |
| 5q35.3   | rs337366  | 5      | 177503650           | chr5:177503650-177503650  | 5_176930651           | A      | 0.035      |
| 20q13.13 | rs587648  | 20     | 49900976            | chr20:49900976-49900976   | 20_48517513           | T      | 0.045      |
| 10p11.21 | rs4934855 | 10     | 37400135            | chr10:37400135-37400135   | 10_37689063           | A      | 0.121      |
| 4q28.1   | rs1310267 | 4      | 124978810           | chr4:124978810-124978810  | 4_125899965           | T      | 0.032      |
| 2p14     | rs6213908 | 2      | 65280779            | chr2:65280779-65280779    | 2_65507913            | A      | 0.037      |
| 1q42.13  | rs1180944 | 1      | 228138791           | chr1:228138791-228138791  | 1_228326492           | T      | 0.038      |
| 11q23.3  | rs1172041 | 11     | 118328710           | chr11:118328710-118328710 | 11_118199425          | A      | 0.111      |
| 11q23.3  | rs1185460 | 11     | 119072723           | chr11:119072723-119072723 | 11_118943433          | A      | 0.032      |
| 16q24.1  | rs6140307 | 16     | 86666118            | chr16:86666118-86666118   | 16_86699724           | T      | 0.034      |
| 15q24.1  | rs2852267 | 15     | 73931375            | chr15:73931375-73931375   | 15_74223716           | C      | 0.039      |
| 18q11.2  | rs1623003 | 18     | 23585199            | chr18:23585199-23585199   | 18_21165163           | T      | 0.034      |
| 3q22.2   | rs1308864 | 3      | 134438421           | chr3:134438421-134438421  | 3_134157263           | A      | 0.033      |
| 16p13.11 | rs216158  | 16     | 15823981            | chr16:15823981-15823981   | 16_15917838           | C      | 0.033      |
| 11q24.2  | rs3509918 | 11     | 126384371           | chr11:126384371-126384371 | 11_126254266          | T      | 0.038      |
| 5q21.3   | rs2454899 | 5      | 106929424           | chr5:106929424-106929424  | 5_106265125           | A      | 0.034      |
| 18q11.2  | rs4800401 | 18     | 22423662            | chr18:22423662-22423662   | 18_20003625           | T      | 0.033      |
| 7p14.2   | rs1215480 | 7      | 35217909            | chr7:35217909-35217909    | 7_35257521            | A      | 0.037      |
| 1q21.2   | rs6780799 | 1      | 150023307           | chr1:150023307-150023307  | 1_149995265           | A      | 0.034      |
| 5q11.2   | rs35006   | 5      | 54146895            | chr5:54146895-54146895    | 5_53442725            | C      | 0.035      |
| 9p23     | rs1096120 | 9      | 13724052            | chr9:13724052-13724052    | 9_13724051            | A      | 0.057      |
| 9p22.3   | rs1012114 | 9      | 14292721            | chr9:14292721-14292721    | 9_14292720            | A      | 0.031      |
| 5q12.3   | rs1005563 | 5      | 67009610            | chr5:67009610-67009610    | 5_66305438            | A      | 0.035      |
| 5q22.1   | rs256277  | 5      | 112071113           | chr5:112071113-112071113  | 5_111406810           | T      | 0.035      |

| REGION   | SNPS      | CHR_ID | CHR:POS (GRCh38p12) | to lift over              | CHR:POS (GRCh37/hg19) | Allele | OR or BETA |
|----------|-----------|--------|---------------------|---------------------------|-----------------------|--------|------------|
| 21q22.3  | rs6078734 | 21     | 43590437            | chr21:43590437-43590437   | 21_45010318           | A      | 0.032      |
| 15q15.1  | rs1116849 | 15     | 41144539            | chr15:41144539-41144539   | 15_41436737           | A      | 0.034      |
| 2p23.3   | rs1169046 | 2      | 26367659            | chr2:26367659-26367659    | 2_26590527            | A      | 0.036      |
| 12q12    | rs1291621 | 12     | 45947038            | chr12:45947038-45947038   | 12_46340821           | A      | 0.128      |
| 2q22.3   | rs1301073 | 2      | 143442474           | chr2:143442474-143442474  | 2_144200043           | A      | 0.035      |
| 22q12.2  | rs877549  | 22     | 30276431            | chr22:30276431-30276431   | 22_30672420           | A      | 0.047      |
| 4q31.21  | rs4345206 | 4      | 145845384           | chr4:145845384-145845384  | 4_146766536           | T      | 0.034      |
| 11q22.3  | rs4753788 | 11     | 107221129           | chr11:107221129-107221129 | 11_107091855          | A      | 0.034      |
| 5q23.2   | rs2546343 | 5      | 123098971           | chr5:123098971-123098971  | 5_122434666           | T      | 0.034      |
| 12q13.3  | rs1231543 | 12     | 57387153            | chr12:57387153-57387153   | 12_57780936           | A      | 0.04       |
| 7p13     | rs2107732 | 7      | 45038379            | chr7:45038379-45038379    | 7_45077978            | A      | 0.061      |
| 5q23.1   | rs5607929 | 5      | 121941102           | chr5:121941102-121941102  | 5_121276797           | A      | 0.042      |
| 4p16.3   | rs5995028 | 4      | 3450618             | chr4:3450618-3450618      | 4_3452345             | A      | 0.033      |
| 7q22.3   | rs1739857 | 7      | 106769006           | chr7:106769006-106769006  | 7_106409452           | A      | 0.033      |
| 7q22.3   | rs7809950 | 7      | 107597362           | chr7:107597362-107597362  | 7_107237807           | T      | 0.039      |
| 22q13.1  | rs6001960 | 22     | 40547028            | chr22:40547028-40547028   | 22_40943032           | A      | 0.04       |
| 11p15.2  | rs3415642 | 11     | 16460403            | chr11:16460403-16460403   | 11_16481950           | A      | 0.048      |
| 11p15.1  | rs5767783 | 11     | 17006642            | chr11:17006642-17006642   | 11_17028189           | A      | 0.033      |
| 5q11.2   | rs3936510 | 5      | 56565039            | chr5:56565039-56565039    | 5_55860866            | T      | 0.039      |
| 6p25.3   | rs6239061 | 6      | 1616030             | chr6:1616030-1616030      | 6_1616265             | A      | 0.055      |
| 1q42.13  | rs6541297 | 1      | 230147759           | chr1:230147759-230147759  | 1_230283506           | A      | 0.035      |
| 6p21.2   | rs1478020 | 6      | 36672808            | chr6:36672808-36672808    | 6_36640585            | A      | 0.057      |
| 1q32.2   | rs1161616 | 1      | 210300277           | chr1:210300277-210300277  | 1_210473622           | A      | 0.05       |
| 17q11.2  | rs7695479 | 17     | 31706495            | chr17:31706495-31706495   | 17_30033514           | T      | 0.043      |
| 7p21.3   | rs6460942 | 7      | 12381363            | chr7:12381363-12381363    | 7_12420989            | T      | 0.047      |
| 4q32.3   | rs7696431 | 4      | 168766574           | chr4:168766574-168766574  | 4_169687725           | T      | 0.035      |
| 2q37.3   | rs4496284 | 2      | 237311587           | chr2:237311587-237311587  | 2_238220230           | A      | 0.033      |
| 8q23.1   | rs2841665 | 8      | 105552424           | chr8:105552424-105552424  | 8_106564652           | A      | 0.036      |
| 7p22.1   | rs1095198 | 7      | 6406396             | chr7:6406396-6406396      | 7_6446027             | A      | 0.038      |
| 7p21.3   | rs1008898 | 7      | 7233928             | chr7:7233928-7233928      | 7_7273559             | T      | 0.037      |
| 1p36.33  | rs1692580 | 1      | 2226509             | chr1:2226509-2226509      | 1_2157948             | T      | 0.034      |
| 1p36.32  | rs3609619 | 1      | 2320766             | chr1:2320766-2320766      | 1_2252205             | T      | 0.053      |
| 3q25.31  | rs4266144 | 3      | 157134803           | chr3:157134803-157134803  | 3_156852592           | C      | 0.038      |
| 11p11.2  | rs2679053 | 11     | 43583754            | chr11:43583754-43583754   | 11_43605304           | A      | 0.034      |
| 2p21     | rs582384  | 2      | 45669298            | chr2:45669298-45669298    | 2_45896437            | A      | 0.037      |
| 4q22.3   | rs1434538 | 4      | 95145521            | chr4:95145521-95145521    | 4_96066672            | T      | 0.034      |
| 7p22.3   | rs1176063 | 7      | 1813117             | chr7:1813117-1813117      | 7_1852753             | T      | 0.04       |
| 2q32.1   | rs840611  | 2      | 187333719           | chr2:187333719-187333719  | 2_188198446           | A      | 0.032      |
| 8p22     | rs4646248 | 8      | 18402845            | chr8:18402845-18402845    | 8_18260355            | T      | 0.032      |
| 21q21.3  | rs7319380 | 21     | 29162981            | chr21:29162981-29162981   | 21_30535302           | A      | 0.049      |
| 17q23.2  | rs8079951 | 17     | 61165403            | chr17:61165403-61165403   | 17_59242764           | A      | 0.048      |
| 6q25.1   | rs6557122 | 6      | 151239600           | chr6:151239600-151239600  | 6_151560735           | T      | 0.036      |
| 18q21.1  | rs2337157 | 18     | 49000440            | chr18:49000440-49000440   | 18_46526810           | A      | 0.036      |
| 18q21.1  | rs9964304 | 18     | 49703347            | chr18:49703347-49703347   | 18_47229717           | A      | 0.043      |
| 17q21.32 | rs8069437 | 17     | 46829583            | chr17:46829583-46829583   | 17_44906949           | T      | 0.039      |
| 17q21.32 | rs1912483 | 17     | 47366128            | chr17:47366128-47366128   | 17_45443494           | A      | 0.029      |
| 20q13.32 | rs236710  | 20     | 59118574            | chr20:59118574-59118574   | 20_57693629           | T      | 0.047      |
| 16q13    | rs5622860 | 16     | 56953853            | chr16:56953853-56953853   | 16_56987765           | T      | 0.039      |
| 10q24.33 | rs4918072 | 10     | 103933886           | chr10:103933886-103933886 | 10_105693644          | A      | 0.042      |
| 1p36.32  | rs1090986 | 1      | 3020251             | chr1:3020251-3020251      | 1_2936815             | A      | 0.043      |
| 1p36.32  | rs2493298 | 1      | 3409348             | chr1:3409348-3409348      | 1_3325912             | A      | 0.057      |
| 14q32.13 | rs1126352 | 14     | 94371805            | chr14:94371805-94371805   | 14_94838142           | T      | 0.165      |
| 12p13.31 | rs1183826 | 12     | 7068568             | chr12:7068568-7068568     | 12_7175872            | T      | 0.058      |
| 14q24.3  | rs1013189 | 14     | 74980176            | chr14:74980176-74980176   | 14_75446879           | C      | 0.038      |
| 9q33.2   | rs4131193 | 9      | 120977282           | chr9:120977282-120977282  | 9_123739560           | T      | 0.057      |
| 6q14.1   | rs1080623 | 6      | 81993618            | chr6:81993618-81993618    | 6_82703335            | T      | 0.037      |
| 11q13.4  | rs566818  | 11     | 75447305            | chr11:75447305-75447305   | 11_75158350           | A      | 0.032      |
| 11q13.5  | rs659418  | 11     | 75573289            | chr11:75573289-75573289   | 11_75284334           | T      | 0.053      |
| 17q21.2  | rs3489148 | 17     | 42111440            | chr17:42111440-42111440   | 17_40263458           | T      | 0.074      |
| 17q21.31 | rs9912587 | 17     | 43021069            | chr17:43021069-43021069   | 17_41173086           | A      | 0.043      |
| 1p13.2   | rs1213671 | 1      | 115212576           | chr1:115212576-115212576  | 1_115755197           | A      | 0.032      |
| 17q11.2  | rs7220401 | 17     | 29608670            | chr17:29608670-29608670   | 17_27935688           | T      | 0.04       |
| 3q26.31  | rs4894803 | 3      | 172082466           | chr3:172082466-172082466  | 3_171800256           | A      | 0.031      |
| 3p25.1   | rs1077534 | 3      | 14836067            | chr3:14836067-14836067    | 3_14877574            | A      | 0.059      |

| REGION   | SNPS      | CHR_ID | CHR:POS (GRCh38p12) | to lift over              | CHR:POS (GRCh37/hg19) | Allele | OR or BETA |
|----------|-----------|--------|---------------------|---------------------------|-----------------------|--------|------------|
| 3p25.1   | rs1488807 | 3      | 14923130            | chr3:14923130-14923130    | 3_14964637            | A      | 0.503      |
| 1p34.3   | rs1905697 | 1      | 37407990            | chr1:37407990-37407990    | 1_37873591            | A      | 0.165      |
| 1p34.3   | rs6177671 | 1      | 37995647            | chr1:37995647-37995647    | 1_38461319            | A      | 0.041      |
| 7q34     | rs7795996 | 7      | 139995345           | chr7:139995345-139995345  | 7_139695144           | A      | 0.027      |
| 4q21.1   | rs1250082 | 4      | 76495474            | chr4:76495474-76495474    | 4_77416627            | A      | 0.036      |
| 4q21.22  | rs1109949 | 4      | 81665896            | chr4:81665896-81665896    | 4_82587050            | A      | 0.043      |
| 6q22.32  | rs1591805 | 6      | 126395918           | chr6:126395918-126395918  | 6_126717064           | A      | 0.041      |
| 13q13.1  | rs1184050 | 13     | 32624572            | chr13:32624572-32624572   | 13_33198709           | A      | 0.04       |
| 11q22.1  | rs604723  | 11     | 100739815           | chr11:100739815-100739815 | 11_100610546          | T      | 0.04       |
| 10q26.13 | rs4237540 | 10     | 122477982           | chr10:122477982-122477982 | 10_124237498          | A      | 0.04       |
| 11q13.1  | rs3741380 | 11     | 65581592            | chr11:65581592-65581592   | 11_65349063           | A      | 0.041      |
| 16q22.2  | rs8053891 | 16     | 71963890            | chr16:71963890-71963890   | 16_71997789           | A      | 0.03       |
| 2q24.3   | rs1299990 | 2      | 164100741           | chr2:164100741-164100741  | 2_164957251           | A      | 0.056      |
| 1q21.3   | rs4845570 | 1      | 151786628           | chr1:151786628-151786628  | 1_151759104           | T      | 0.058      |
| 13q12.3  | rs9513112 | 13     | 28423565            | chr13:28423565-28423565   | 13_28997702           | A      | 0.04       |
| 13q12.3  | rs1177096 | 13     | 28753140            | chr13:28753140-28753140   | 13_29327277           | T      | 0.113      |
| 3p21.31  | rs1249522 | 3      | 48137688            | chr3:48137688-48137688    | 3_48179178            | T      | 0.035      |
| 3p21.31  | rs7308236 | 3      | 49092945            | chr3:49092945-49092945    | 3_49130378            | T      | 0.061      |
| 19p13.2  | rs1168430 | 19     | 8364439             | chr19:8364439-8364439     | 19_8429323            | A      | 0.161      |
| 19p13.2  | rs5937229 | 19     | 8481254             | chr19:8481254-8481254     | 19_8546138            | T      | 0.039      |
| 6p21.31  | rs9469890 | 6      | 34796205            | chr6:34796205-34796205    | 6_34763982            | T      | 0.054      |
| 6p21.31  | rs1132444 | 6      | 35560913            | chr6:35560913-35560913    | 6_35528690            | A      | 0.058      |
| 10q23.1  | rs1768074 | 10     | 80491758            | chr10:80491758-80491758   | 10_82251514           | T      | 0.047      |
| 20q11.22 | rs1169899 | 20     | 34861936            | chr20:34861936-34861936   | 20_33449739           | C      | 0.034      |
| 20q11.22 | rs6060235 | 20     | 35103849            | chr20:35103849-35103849   | 20_33691652           | A      | 0.055      |
| 8p21.3   | rs7322584 | 8      | 22172552            | chr8:22172552-22172552    | 8_22030065            | T      | 0.096      |
| 13q34    | rs1201954 | 13     | 113005392           | chr13:113005392-113005392 | 13_113659706          | A      | 0.038      |
| 6p21.2   | rs1045610 | 6      | 39215694            | chr6:39215694-39215694    | 6_39183470            | T      | 0.044      |
| 6p22.3   | rs7766436 | 6      | 22598030            | chr6:22598030-22598030    | 6_22598259            | T      | 0.048      |
| 6p21.1   | rs1034246 | 6      | 43100632            | chr6:43100632-43100632    | 6_43068370            | T      | 0.04       |
| 6p21.1   | rs6905288 | 6      | 43791136            | chr6:43791136-43791136    | 6_43758873            | A      | 0.045      |
| 9q31.2   | rs2140480 | 9      | 107763828           | chr9:107763828-107763828  | 9_110526109           | T      | 0.047      |
| 2q35     | rs6174126 | 2      | 217804502           | chr2:217804502-217804502  | 2_218669225           | T      | 0.062      |
| 2q35     | rs1129411 | 2      | 217869242           | chr2:217869242-217869242  | 2_218733965           | A      | 0.108      |
| 11p15.4  | rs1073464 | 11     | 9759344             | chr11:9759344-9759344     | 11_9780891            | T      | 0.044      |
| 2q22.3   | rs6740731 | 2      | 144513025           | chr2:144513025-144513025  | 2_145270592           | A      | 0.051      |
| 2q22.3   | rs7604735 | 2      | 145082088           | chr2:145082088-145082088  | 2_145839655           | T      | 0.049      |
| 2q22.3   | rs7286233 | 2      | 145825059           | chr2:145825059-145825059  | 2_146582627           | A      | 0.046      |
| 6p21.33  | rs685031  | 6      | 31913954            | chr6:31913954-31913954    | 6_31881731            | A      | 0.043      |
| 12q22    | rs4762479 | 12     | 95101265            | chr12:95101265-95101265   | 12_95495041           | T      | 0.08       |
| 1q24.2   | rs1275381 | 1      | 169183350           | chr1:169183350-169183350  | 1_169152588           | T      | 0.036      |
| 6p11.2   | rs223290  | 6      | 57241914            | chr6:57241914-57241914    | 6_57106712            | T      | 0.089      |
| 16q23.3  | rs7342694 | 16     | 81870195            | chr16:81870195-81870195   | 16_81903800           | T      | 0.037      |
| 11p15.4  | rs1160150 | 11     | 5679844             | chr11:5679844-5679844     | 11_5701074            | A      | 0.084      |
| 5p15.31  | rs1726391 | 5      | 9552226             | chr5:9552226-9552226      | 5_9552338             | A      | 0.066      |
| 3q21.2   | rs4678145 | 3      | 124731234           | chr3:124731234-124731234  | 3_124450081           | C      | 0.068      |
| 12q13.13 | rs1117082 | 12     | 54120131            | chr12:54120131-54120131   | 12_54513915           | C      | 0.097      |
| 19p13.11 | rs1120094 | 19     | 17736035            | chr19:17736035-17736035   | 19_17846844           | A      | 0.06       |
| 19p13.11 | rs1132300 | 19     | 18350146            | chr19:18350146-18350146   | 19_18460956           | A      | 0.033      |
| 19p13.11 | rs1167005 | 19     | 18479133            | chr19:18479133-18479133   | 19_18589943           | T      | 0.088      |
| 12p12.2  | rs1084144 | 12     | 20067099            | chr12:20067099-20067099   | 12_20220033           | C      | 0.051      |
| 8p21.3   | rs7011846 | 8      | 19928145            | chr8:19928145-19928145    | 8_19785656            | A      | 0.113      |
| 8p21.3   | rs15285   | 8      | 19967156            | chr8:19967156-19967156    | 8_19824667            | T      | 0.052      |
| 8p21.3   | rs1010665 | 8      | 20070649            | chr8:20070649-20070649    | 8_19928160            | A      | 0.048      |
| 3q25.2   | rs701145  | 3      | 154337010           | chr3:154337010-154337010  | 3_154054799           | T      | 0.072      |
| 4q21.21  | rs1085714 | 4      | 80259918            | chr4:80259918-80259918    | 4_81181072            | A      | 0.055      |
| 11q23.3  | rs964184  | 11     | 116778201           | chr11:116778201-116778201 | 11_116648917          | C      | 0.071      |
| 10q24.32 | rs1241477 | 10     | 102938024           | chr10:102938024-102938024 | 10_104697781          | T      | 0.055      |
| 3q22.3   | rs655720  | 3      | 136384425           | chr3:136384425-136384425  | 3_136103267           | T      | 0.049      |
| 4q27     | rs7678555 | 4      | 119988346           | chr4:119988346-119988346  | 4_120909501           | A      | 0.056      |
| 12q21.33 | rs5748106 | 12     | 89625401            | chr12:89625401-89625401   | 12_90019178           | C      | 0.061      |
| 2p24.1   | rs1698695 | 2      | 19742712            | chr2:19742712-19742712    | 2_19942473            | A      | 0.086      |
| 16q23.1  | rs1293045 | 16     | 75428157            | chr16:75428157-75428157   | 16_75462055           | A      | 0.052      |
| 1q21.3   | rs1213364 | 1      | 154455807           | chr1:154455807-154455807  | 1_154428283           | A      | 0.043      |

| REGION   | SNPS      | CHR_ID | CHR:POS (GRCh38p12) | to lift over              | CHR:POS (GRCh37/hg19) | Allele | OR or BETA |
|----------|-----------|--------|---------------------|---------------------------|-----------------------|--------|------------|
| 14q32.2  | rs8003602 | 14     | 99682624            | chr14:99682624-99682624   | 14_100148961          | T      | 0.061      |
| 14q32.2  | rs1013151 | 14     | 99892957            | chr14:99892957-99892957   | 14_100359294          | T      | 0.043      |
| 17q21.32 | rs7214663 | 17     | 48960409            | chr17:48960409-48960409   | 17_47037771           | A      | 0.053      |
| 17q21.32 | rs1918965 | 17     | 49148374            | chr17:49148374-49148374   | 17_47225736           | T      | 0.162      |
| 17q21.33 | rs7502499 | 17     | 49412740            | chr17:49412740-49412740   | 17_47490102           | A      | 0.043      |
| 16q23.3  | rs7500448 | 16     | 83012185            | chr16:83012185-83012185   | 16_83045790           | A      | 0.063      |
| 17p13.3  | rs6206803 | 17     | 2129018             | chr17:2129018-2129018     | 17_2032312            | A      | 0.118      |
| 17p13.3  | rs7209460 | 17     | 2145419             | chr17:2145419-2145419     | 17_2048713            | T      | 0.053      |
| 19q13.2  | rs7304526 | 19     | 41319286            | chr19:41319286-41319286   | 19_41825191           | T      | 0.07       |
| 19q13.2  | rs4803455 | 19     | 41345604            | chr19:41345604-41345604   | 19_41851509           | A      | 0.054      |
| 15q22.33 | rs1722805 | 15     | 67157967            | chr15:67157967-67157967   | 15_67450305           | A      | 0.066      |
| 5q31.3   | rs246600  | 5      | 143137332           | chr5:143137332-143137332  | 5_142516897           | T      | 0.048      |
| 2p24.1   | rs1022174 | 2      | 21196778            | chr2:21196778-21196778    | 2_21419650            | A      | 0.054      |
| 10p11.23 | rs9337951 | 10     | 30028144            | chr10:30028144-30028144   | 10_30317073           | A      | 0.062      |
| 3q22.3   | rs3732837 | 3      | 138403078           | chr3:138403078-138403078  | 3_138121920           | A      | 0.063      |
| 12q24.31 | rs1169288 | 12     | 120978847           | chr12:120978847-120978847 | 12_121416650          | A      | 0.054      |
| 2p21     | rs6740322 | 2      | 43334790            | chr2:43334790-43334790    | 2_43561929            | A      | 0.04       |
| 2p21     | rs4299376 | 2      | 43845437            | chr2:43845437-43845437    | 2_44072576            | T      | 0.057      |
| 2q35     | rs1250259 | 2      | 215435759           | chr2:215435759-215435759  | 2_216300482           | A      | 0.048      |
| 9q34.2   | rs495828  | 9      | 133279294           | chr9:133279294-133279294  | 9_136154867           | T      | 0.06       |
| 12q24.31 | rs1105784 | 12     | 124831509           | chr12:124831509-124831509 | 12_125316055          | A      | 0.067      |
| 12q24.31 | rs1012895 | 12     | 124855901           | chr12:124855901-124855901 | 12_125340447          | A      | 0.039      |
| 7q36.1   | rs3918226 | 7      | 150993088           | chr7:150993088-150993088  | 7_150690176           | T      | 0.122      |
| 4q32.1   | rs2880099 | 4      | 155511216           | chr4:155511216-155511216  | 4_156432368           | A      | 0.06       |
| 4q32.1   | rs1313193 | 4      | 155693032           | chr4:155693032-155693032  | 4_156614184           | T      | 0.065      |
| 2p11.2   | rs2166529 | 2      | 85515052            | chr2:85515052-85515052    | 2_85742175            | T      | 0.063      |
| 4q31.22  | rs6810798 | 4      | 147369666           | chr4:147369666-147369666  | 4_148290818           | A      | 0.06       |
| 4q31.22  | rs1761269 | 4      | 147444187           | chr4:147444187-147444187  | 4_148365339           | A      | 0.079      |
| 13q34    | rs1161795 | 13     | 110165755           | chr13:110165755-110165755 | 13_110818102          | A      | 0.081      |
| 13q34    | rs4773141 | 13     | 110302006           | chr13:110302006-110302006 | 13_110954353          | C      | 0.06       |
| 13q34    | rs9515203 | 13     | 110397276           | chr13:110397276-110397276 | 13_111049623          | T      | 0.068      |
| 7p21.1   | rs2107595 | 7      | 19009765            | chr7:19009765-19009765    | 7_19049388            | A      | 0.082      |
| 10q23.31 | rs1412444 | 10     | 89243170            | chr10:89243170-89243170   | 10_91002927           | T      | 0.064      |
| 10q11.21 | rs1079351 | 10     | 44001523            | chr10:44001523-44001523   | 10_44496971           | T      | 0.067      |
| 10q11.21 | rs2457480 | 10     | 44244562            | chr10:44244562-44244562   | 10_44740010           | A      | 0.106      |
| 7q32.2   | rs1155692 | 7      | 130023656           | chr7:130023656-130023656  | 7_129663496           | T      | 0.062      |
| 1p32.3   | rs1159114 | 1      | 55039974            | chr1:55039974-55039974    | 1_55505647            | T      | 0.282      |
| 8q24.13  | rs2860176 | 8      | 125487789           | chr8:125487789-125487789  | 8_126500031           | C      | 0.06       |
| 15q26.1  | rs4932373 | 15     | 90886057            | chr15:90886057-90886057   | 15_91429287           | A      | 0.073      |
| 1p32.2   | rs7267553 | 1      | 56111674            | chr1:56111674-56111674    | 1_56577346            | A      | 0.031      |
| 1p32.2   | rs1711404 | 1      | 56500678            | chr1:56500678-56500678    | 1_56966350            | A      | 0.107      |
| 1p32.2   | rs1470556 | 1      | 56520631            | chr1:56520631-56520631    | 1_56986303            | A      | 0.088      |
| 11q22.3  | rs2128739 | 11     | 103802549           | chr11:103802549-103802549 | 11_103673277          | A      | 0.074      |
| 12q24.12 | rs4766578 | 12     | 111466567           | chr12:111466567-111466567 | 12_111904371          | A      | 0.059      |
| 15q25.1  | rs1163778 | 15     | 78846658            | chr15:78846658-78846658   | 15_79139000           | T      | 0.074      |
| 1q41     | rs1746598 | 1      | 222664597           | chr1:222664597-222664597  | 1_222837939           | A      | 0.079      |
| 6q23.2   | rs6919211 | 6      | 133678730           | chr6:133678730-133678730  | 6_133999868           | C      | 0.042      |
| 6q23.2   | rs1966248 | 6      | 133838484           | chr6:133838484-133838484  | 6_134159622           | A      | 0.076      |
| 6q23.2   | rs965652  | 6      | 134047815           | chr6:134047815-134047815  | 6_134368953           | A      | 0.034      |
| 2q33.2   | rs7293453 | 2      | 203104250           | chr2:203104250-203104250  | 2_203968973           | T      | 0.128      |
| 21q22.11 | rs2845106 | 21     | 34221526            | chr21:34221526-34221526   | 21_35593827           | A      | 0.119      |
| 21q22.11 | rs1494871 | 21     | 34233562            | chr21:34233562-34233562   | 21_35605863           | T      | 0.101      |
| 19q13.32 | rs7412    | 19     | 44908822            | chr19:44908822-44908822   | 19_45412079           | T      | 0.16       |
| 19q13.32 | rs157595  | 19     | 44922203            | chr19:44922203-44922203   | 19_45425460           | A      | 0.032      |
| 19q13.32 | rs1167309 | 19     | 45238836            | chr19:45238836-45238836   | 19_45742094           | A      | 0.047      |
| 19p13.2  | rs6511720 | 19     | 11091630            | chr19:11091630-11091630   | 19_11202306           | T      | 0.136      |
| 19p13.2  | rs2738447 | 19     | 11116804            | chr19:11116804-11116804   | 19_11227480           | A      | 0.036      |
| 19p13.2  | rs318719  | 19     | 11386305            | chr19:11386305-11386305   | 19_11496981           | T      | 0.054      |
| 1p13.3   | rs1274037 | 1      | 109274968           | chr1:109274968-109274968  | 1_109817590           | T      | 0.124      |
| 6p24.1   | rs1629862 | 6      | 12295643            | chr6:12295643-12295643    | 6_12295876            | A      | 0.054      |
| 6p24.1   | rs9349379 | 6      | 12903725            | chr6:12903725-12903725    | 6_12903957            | A      | 0.121      |
| 6q25.3   | rs1221441 | 6      | 160489485           | chr6:160489485-160489485  | 6_160910517           | A      | 0.069      |
| 6q25.3   | rs1475555 | 6      | 160490564           | chr6:160490564-160490564  | 6_160911596           | A      | 0.398      |
| 6q25.3   | rs5573049 | 6      | 160584578           | chr6:160584578-160584578  | 6_161005610           | T      | 0.337      |

| REGION  | SNPS      | CHR_ID | CHR:POS (GRCh38p12) | to lift over             | CHR:POS (GRCh37/hg19) | Allele | OR or BETA |
|---------|-----------|--------|---------------------|--------------------------|-----------------------|--------|------------|
| 6q25.3  | rs1405708 | 6      | 160591981           | chr6:160591981-160591981 | 6_161013013           | T      | 0.481      |
| 6q25.3  | rs7359681 | 6      | 160596331           | chr6:160596331-160596331 | 6_161017363           | A      | 0.118      |
| 6q26    | rs1450990 | 6      | 160871806           | chr6:160871806-160871806 | 6_161292838           | A      | 0.204      |
| 9p21.3  | rs1455424 | 9      | 21953100            | chr9:21953100-21953100   | 9_21953099            | A      | 0.158      |
| 9p21.3  | rs2891168 | 9      | 22098620            | chr9:22098620-22098620   | 9_22098619            | A      | 0.189      |
| 1p36.32 | rs2843152 | 1      | 2314131             | chr1:2314131-2314131     | 1_2245570             | C      | 0.0406     |
| 1p36.32 | rs2493298 | 1      | 3409348             | chr1:3409348-3409348     | 1_3325912             | A      | 0.0567     |
| 1p36.22 | rs1703739 | 1      | 11800786            | chr1:11800786-11800786   | 1_11860843            | A      | 0.0395     |
| 1p36.12 | rs3546534 | 1      | 21806025            | chr1:21806025-21806025   | 1_22132518            | A      | 0.0401     |
| 1p34.3  | rs4072980 | 1      | 37990434            | chr1:37990434-37990434   | 1_38456106            | A      | 0.0353     |
| 1p32.3  | rs1159114 | 1      | 55039974            | chr1:55039974-55039974   | 1_55505647            | T      | 0.2821     |
| 1p32.2  | rs4634932 | 1      | 56530519            | chr1:56530519-56530519   | 1_56996191            | T      | 0.1286     |
| 1p32.2  | rs1741628 | 1      | 56554977            | chr1:56554977-56554977   | 1_57020650            | C      | 0.0669     |
| 1p22.2  | rs950037  | 1      | 88685915            | chr1:88685915-88685915   | 1_89151598            | T      | 0.0274     |
| 1p13.3  | rs602633  | 1      | 109278889           | chr1:109278889-109278889 | 1_109821511           | T      | 0.112      |
| 1p13.2  | rs1180631 | 1      | 115210861           | chr1:115210861-115210861 | 1_115753482           | A      | 0.0369     |
| 1q21.2  | rs1120466 | 1      | 150570652           | chr1:150570652-150570652 | 1_150543128           | T      | 0.0389     |
| 1q21.3  | rs1181057 | 1      | 151789832           | chr1:151789832-151789832 | 1_151762308           | C      | 0.0553     |
| 1q21.3  | rs4845625 | 1      | 154449591           | chr1:154449591-154449591 | 1_154422067           | T      | 0.0448     |
| 1q24.2  | rs1892094 | 1      | 169125221           | chr1:169125221-169125221 | 1_169094459           | T      | 0.0413     |
| 1q32.1  | rs6700559 | 1      | 200676945           | chr1:200676945-200676945 | 1_200646073           | T      | 0.0325     |
| 1q32.1  | rs2820315 | 1      | 201903136           | chr1:201903136-201903136 | 1_201872264           | T      | 0.0405     |
| 1q32.3  | rs1157153 | 1      | 212613683           | chr1:212613683-212613683 | 1_212787025           | T      | 0.0631     |
| 1q41    | rs1746563 | 1      | 222650187           | chr1:222650187-222650187 | 1_222823529           | A      | 0.0817     |
| 1q42.13 | rs2281719 | 1      | 230161913           | chr1:230161913-230161913 | 1_230297659           | T      | 0.0289     |
| 1q42.2  | rs699     | 1      | 230710048           | chr1:230710048-230710048 | 1_230845794           | A      | 0.036      |
| 2p24.1  | rs1698695 | 2      | 19742712            | chr2:19742712-19742712   | 2_19942473            | A      | 0.0855     |
| 2p24.1  | rs668948  | 2      | 21068657            | chr2:21068657-21068657   | 2_21291529            | A      | 0.063      |
| 2p23.3  | rs1550115 | 2      | 24818751            | chr2:24818751-24818751   | 2_25041620            | T      | 0.0321     |
| 2p21    | rs2052923 | 2      | 43184681            | chr2:43184681-43184681   | 2_43411820            | T      | 0.0316     |
| 2p21    | rs1049590 | 2      | 43771587            | chr2:43771587-43771587   | 2_43998726            | A      | 0.041      |
| 2p21    | rs6544713 | 2      | 43846742            | chr2:43846742-43846742   | 2_44073881            | T      | 0.0549     |
| 2p13.3  | rs898123  | 2      | 71152220            | chr2:71152220-71152220   | 2_71379350            | C      | 0.0287     |
| 2p11.2  | rs1561198 | 2      | 85582866            | chr2:85582866-85582866   | 2_85809989            | T      | 0.0549     |
| 2q14.1  | rs1018613 | 2      | 113079367           | chr2:113079367-113079367 | 2_113836944           | T      | 0.0281     |
| 2q14.3  | rs2923    | 2      | 127706044           | chr2:127706044-127706044 | 2_128463618           | C      | 0.0743     |
| 2q22.3  | rs7849041 | 2      | 143405256           | chr2:143405256-143405256 | 2_144162825           | T      | 0.0449     |
| 2q22.3  | rs1767868 | 2      | 144528992           | chr2:144528992-144528992 | 2_145286559           | T      | 0.056      |
| 2q22.3  | rs2252641 | 2      | 145043894           | chr2:145043894-145043894 | 2_145801461           | T      | 0.0401     |
| 2q24.2  | rs3399898 | 2      | 162427557           | chr2:162427557-162427557 | 2_163284067           | T      | 0.0374     |
| 2q24.3  | rs1261984 | 2      | 164088534           | chr2:164088534-164088534 | 2_164945044           | C      | 0.0549     |
| 2q32.1  | rs840616  | 2      | 187331742           | chr2:187331742-187331742 | 2_188196469           | T      | 0.0402     |
| 2q33.2  | rs1156546 | 2      | 203029276           | chr2:203029276-203029276 | 2_203893999           | A      | 0.1179     |
| 2q35    | rs1250229 | 2      | 215439661           | chr2:215439661-215439661 | 2_216304384           | T      | 0.0644     |
| 2q35    | rs2571445 | 2      | 217818431           | chr2:217818431-217818431 | 2_218683154           | A      | 0.041      |
| 2q36.3  | rs2943634 | 2      | 226203364           | chr2:226203364-226203364 | 2_227068080           | A      | 0.0409     |
| 2q36.3  | rs4566357 | 2      | 227057299           | chr2:227057299-227057299 | 2_227922015           | A      | 0.026      |
| 2q37.1  | rs1801251 | 2      | 232768750           | chr2:232768750-232768750 | 2_233633460           | A      | 0.0416     |
| 2q37.1  | rs1405130 | 2      | 234655048           | chr2:234655048-234655048 | 2_235563692           | T      | 0.0325     |
| 3p25.1  | rs1307922 | 3      | 14860018            | chr3:14860018-14860018   | 3_14901525            | C      | 0.0405     |
| 3p21.33 | rs1171845 | 3      | 44015406            | chr3:44015406-44015406   | 3_44056898            | T      | 0.0296     |
| 3p21.31 | rs7617773 | 3      | 48152025            | chr3:48152025-48152025   | 3_48193515            | T      | 0.0393     |
| 3p21.31 | rs7623687 | 3      | 49411133            | chr3:49411133-49411133   | 3_49448566            | A      | 0.0529     |
| 3p14.1  | rs4411878 | 3      | 64717989            | chr3:64717989-64717989   | 3_64703665            | T      | 0.0287     |
| 3q13.31 | rs9840892 | 3      | 115175249           | chr3:115175249-115175249 | 3_114894096           | A      | 0.1086     |
| 3q21.2  | rs1784379 | 3      | 124734175           | chr3:124734175-124734175 | 3_124453022           | T      | 0.0679     |
| 3q22.1  | rs1051286 | 3      | 132539117           | chr3:132539117-132539117 | 3_132257961           | T      | 0.0454     |
| 3q22.3  | rs7322223 | 3      | 136169800           | chr3:136169800-136169800 | 3_135888642           | A      | 0.0385     |
| 3q22.3  | rs185244  | 3      | 138374047           | chr3:138374047-138374047 | 3_138092889           | T      | 0.0737     |
| 3q25.2  | rs1249388 | 3      | 154122077           | chr3:154122077-154122077 | 3_153839866           | C      | 0.074      |
| 3q26.31 | rs12897   | 3      | 172398112           | chr3:172398112-172398112 | 3_172115902           | A      | 0.042      |
| 4p16.3  | rs1684440 | 4      | 3447925             | chr4:3447925-3447925     | 4_3449652             | A      | 0.0683     |
| 4q12    | rs2616407 | 4      | 53725232            | chr4:53725232-53725232   | 4_54591399            | T      | 0.0381     |
| 4q12    | rs5726525 | 4      | 56973114            | chr4:56973114-56973114   | 4_57839280            | A      | 0.0468     |

| REGION  | SNPS      | CHR_ID | CHR:POS (GRCh38p12) | to lift over             | CHR:POS (GRCh37/hg19) | Allele | OR or BETA |
|---------|-----------|--------|---------------------|--------------------------|-----------------------|--------|------------|
| 4q21.1  | rs1250082 | 4      | 76495474            | chr4:76495474-76495474   | 4_77416627            | A      | 0.0359     |
| 4q21.21 | rs1085714 | 4      | 80259918            | chr4:80259918-80259918   | 4_81181072            | A      | 0.0553     |
| 4q21.22 | rs1109949 | 4      | 81665896            | chr4:81665896-81665896   | 4_82587050            | A      | 0.0431     |
| 4q22.3  | rs2452600 | 4      | 94575731            | chr4:94575731-94575731   | 4_95496882            | T      | 0.0365     |
| 4q24    | rs1703527 | 4      | 105115388           | chr4:105115388-105115388 | 4_106036545           | T      | 0.036      |
| 4q27    | rs1172343 | 4      | 119980181           | chr4:119980181-119980181 | 4_120901336           | A      | 0.0519     |
| 4q31.21 | rs3587980 | 4      | 145861685           | chr4:145861685-145861685 | 4_146782837           | A      | 0.0333     |
| 4q31.22 | rs4593108 | 4      | 147359849           | chr4:147359849-147359849 | 4_148281001           | C      | 0.0627     |
| 4q31.22 | rs6842241 | 4      | 147479667           | chr4:147479667-147479667 | 4_148400819           | A      | 0.081      |
| 4q32.1  | rs1311882 | 4      | 155515365           | chr4:155515365-155515365 | 4_156436517           | A      | 0.042      |
| 4q32.1  | rs7692387 | 4      | 155714157           | chr4:155714157-155714157 | 4_156635309           | A      | 0.0687     |
| 4q32.1  | rs1451867 | 4      | 159118343           | chr4:159118343-159118343 | 4_160039495           | A      | 0.1419     |
| 4q32.3  | rs7696431 | 4      | 168766574           | chr4:168766574-168766574 | 4_169687725           | T      | 0.0351     |
| 5p15.31 | rs4389656 | 5      | 6753615             | chr5:6753615-6753615     | 5_6753728             | A      | 0.0328     |
| 5p15.31 | rs1508798 | 5      | 9556582             | chr5:9556582-9556582     | 5_9556694             | T      | 0.0516     |
| 5q11.2  | rs459193  | 5      | 56510924            | chr5:56510924-56510924   | 5_55806751            | A      | 0.0399     |
| 5q11.2  | rs832540  | 5      | 56903375            | chr5:56903375-56903375   | 5_56199202            | A      | 0.0322     |
| 5q12.3  | rs9283706 | 5      | 66987692            | chr5:66987692-66987692   | 5_66283520            | C      | 0.0345     |
| 5q13.3  | rs1005681 | 5      | 75309395            | chr5:75309395-75309395   | 5_74605220            | A      | 0.0274     |
| 5q23.1  | rs1130752 | 5      | 122026055           | chr5:122026055-122026055 | 5_121361750           | A      | 0.0448     |
| 5q23.2  | rs2081914 | 5      | 123337928           | chr5:123337928-123337928 | 5_122673622           | C      | 0.0346     |
| 5q31.1  | rs273909  | 5      | 132331660           | chr5:132331660-132331660 | 5_131667353           | A      | 0.0534     |
| 5q31.3  | rs246600  | 5      | 143137332           | chr5:143137332-143137332 | 5_142516897           | T      | 0.048      |
| 6p25.3  | rs9501744 | 6      | 1616908             | chr6:1616908-1616908     | 6_1617143             | T      | 0.0553     |
| 6p24.2  | rs742115  | 6      | 11326788            | chr6:11326788-11326788   | 6_11327021            | T      | 0.0331     |
| 6p24.1  | rs9349379 | 6      | 12903725            | chr6:12903725-12903725   | 6_12903957            | A      | 0.1205     |
| 6p22.3  | rs2876643 | 6      | 22591296            | chr6:22591296-22591296   | 6_22591525            | A      | 0.0458     |
| 6p22.2  | rs9379774 | 6      | 25596815            | chr6:25596815-25596815   | 6_25597043            | A      | 0.0384     |
| 6p21.33 | rs2072633 | 6      | 31951801            | chr6:31951801-31951801   | 6_31919578            | A      | 0.0411     |
| 6p21.31 | rs2814993 | 6      | 34651116            | chr6:34651116-34651116   | 6_34618893            | A      | 0.061      |
| 6p21.2  | rs6930083 | 6      | 36666379            | chr6:36666379-36666379   | 6_36634156            | A      | 0.029      |
| 6p21.2  | rs1094778 | 6      | 39207146            | chr6:39207146-39207146   | 6_39174922            | T      | 0.0462     |
| 6p21.2  | rs1094778 | 6      | 39207146            | chr6:39207146-39207146   | 6_39174922            | T      | 0.0413     |
| 6p21.1  | rs1214752 | 6      | 43428587            | chr6:43428587-43428587   | 6_43396325            | T      | 0.0305     |
| 6p21.1  | rs6905288 | 6      | 43791136            | chr6:43791136-43791136   | 6_43758873            | A      | 0.045      |
| 6p12.3  | rs4644046 | 6      | 51520211            | chr6:51520211-51520211   | 6_51385009            | A      | 0.0275     |
| 6p11.2  | rs9367716 | 6      | 57295774            | chr6:57295774-57295774   | 6_57160572            | T      | 0.0375     |
| 6q14.1  | rs4613862 | 6      | 81902554            | chr6:81902554-81902554   | 6_82612271            | A      | 0.0345     |
| 6q16.1  | rs9486719 | 6      | 96612248            | chr6:96612248-96612248   | 6_97060124            | A      | 0.0413     |
| 6q22.32 | rs1591805 | 6      | 126395918           | chr6:126395918-126395918 | 6_126717064           | A      | 0.0412     |
| 6q23.2  | rs9493740 | 6      | 133839756           | chr6:133839756-133839756 | 6_134160894           | T      | 0.1197     |
| 6q23.2  | rs2327429 | 6      | 133888699           | chr6:133888699-133888699 | 6_134209837           | T      | 0.0723     |
| 6q23.2  | rs2811686 | 6      | 134048286           | chr6:134048286-134048286 | 6_134369424           | T      | 0.0312     |
| 6q25.1  | rs2153219 | 6      | 149434559           | chr6:149434559-149434559 | 6_149755695           | A      | 0.0429     |
| 6q25.1  | rs1266349 | 6      | 150682704           | chr6:150682704-150682704 | 6_151003840           | T      | 0.0591     |
| 6q25.3  | rs688359  | 6      | 160044259           | chr6:160044259-160044259 | 6_160465291           | A      | 0.0526     |
| 6q25.3  | rs1475555 | 6      | 160490564           | chr6:160490564-160490564 | 6_160911596           | A      | 0.3977     |
| 6q25.3  | rs5573049 | 6      | 160584578           | chr6:160584578-160584578 | 6_161005610           | T      | 0.3368     |
| 6q25.3  | rs4127211 | 6      | 160585045           | chr6:160585045-160585045 | 6_161006077           | T      | 0.1153     |
| 6q26    | rs4126913 | 6      | 160666831           | chr6:160666831-160666831 | 6_161087863           | T      | 0.0637     |
| 6q26    | rs1866962 | 6      | 160690668           | chr6:160690668-160690668 | 6_161111700           | T      | 0.5467     |
| 7p22.3  | rs1026759 | 7      | 1897625             | chr7:1897625-1897625     | 7_1937261             | A      | 0.0412     |
| 7p21.3  | rs1150988 | 7      | 12222285            | chr7:12222285-12222285   | 7_12261911            | A      | 0.0367     |
| 7p21.1  | rs2107595 | 7      | 19009765            | chr7:19009765-19009765   | 7_19049388            | A      | 0.0815     |
| 7p21.1  | rs4719608 | 7      | 20252511            | chr7:20252511-20252511   | 7_20292134            | A      | 0.0329     |
| 7q22.1  | rs3514681 | 7      | 100123371           | chr7:100123371-100123371 | 7_99720994            | A      | 0.0337     |
| 7q22.3  | rs6817081 | 7      | 107619276           | chr7:107619276-107619276 | 7_107259721           | T      | 0.0343     |
| 7q31.2  | rs1024965 | 7      | 117424571           | chr7:117424571-117424571 | 7_117064625           | T      | 0.0311     |
| 7q32.2  | rs1155692 | 7      | 130023656           | chr7:130023656-130023656 | 7_129663496           | T      | 0.0618     |
| 7q32.2  | rs1155692 | 7      | 130023656           | chr7:130023656-130023656 | 7_129663496           | T      | 0.0575     |
| 7q32.2  | rs7783857 | 7      | 130754299           | chr7:130754299-130754299 | 7_130439058           | C      | 0.0297     |
| 7q34    | rs1023737 | 7      | 140057336           | chr7:140057336-140057336 | 7_139757136           | T      | 0.0423     |
| 7q36.1  | rs3918226 | 7      | 150993088           | chr7:150993088-150993088 | 7_150690176           | T      | 0.1219     |
| 8p22    | rs6997340 | 8      | 18429487            | chr8:18429487-18429487   | 8_18286997            | T      | 0.036      |

| REGION   | SNPS      | CHR_ID | CHR:POS (GRCh38p12) | to lift over              | CHR:POS (GRCh37/hg19) | Allele | OR or BETA |
|----------|-----------|--------|---------------------|---------------------------|-----------------------|--------|------------|
| 8p21.3   | rs6997330 | 8      | 19943018            | chr8:19943018-19943018    | 8_19800529            | C      | 0.1291     |
| 8p21.3   | rs264     | 8      | 19955669            | chr8:19955669-19955669    | 8_19813180            | A      | 0.0632     |
| 8p21.3   | rs1120408 | 8      | 20083285            | chr8:20083285-20083285    | 8_19940796            | T      | 0.0432     |
| 8p21.3   | rs6984210 | 8      | 22176102            | chr8:22176102-22176102    | 8_22033615            | C      | 0.0846     |
| 8p21.2   | rs1137563 | 8      | 26245256            | chr8:26245256-26245256    | 8_26102772            | T      | 0.0398     |
| 8q22.1   | rs1267525 | 8      | 94267412            | chr8:94267412-94267412    | 8_95279640            | T      | 0.0438     |
| 8q23.1   | rs2342781 | 8      | 105253492           | chr8:105253492-105253492  | 8_106265720           | C      | 0.0297     |
| 8q24.13  | rs2954029 | 8      | 125478730           | chr8:125478730-125478730  | 8_126490972           | A      | 0.0666     |
| 8q24.13  | rs2954029 | 8      | 125478730           | chr8:125478730-125478730  | 8_126490972           | A      | 0.0546     |
| 9p22.3   | rs475957  | 9      | 15229624            | chr9:15229624-15229624    | 9_15229622            | T      | 0.0437     |
| 9p21.3   | rs896655  | 9      | 21706572            | chr9:21706572-21706572    | 9_21706571            | A      | 0.04       |
| 9p21.3   | rs3217978 | 9      | 22007331            | chr9:22007331-22007331    | 9_22007330            | A      | 0.1546     |
| 9p21.3   | rs1333049 | 9      | 22125504            | chr9:22125504-22125504    | 9_22125503            | C      | 0.1879     |
| 9p21.2   | rs1322052 | 9      | 27179246            | chr9:27179246-27179246    | 9_27179244            | T      | 0.0337     |
| 9q22.33  | rs4743150 | 9      | 97977842            | chr9:97977842-97977842    | 9_100740124           | T      | 0.0355     |
| 9q31.1   | rs4149309 | 9      | 104827299           | chr9:104827299-104827299  | 9_107589580           | A      | 0.0418     |
| 9q31.1   | rs1800978 | 9      | 104903697           | chr9:104903697-104903697  | 9_107665978           | C      | 0.0438     |
| 9q31.2   | rs944172  | 9      | 107755513           | chr9:107755513-107755513  | 9_110517794           | T      | 0.0422     |
| 9q31.3   | rs1112452 | 9      | 110407495           | chr9:110407495-110407495  | 9_113169775           | T      | 0.098      |
| 9q33.2   | rs1081857 | 9      | 121650669           | chr9:121650669-121650669  | 9_124412948           | T      | 0.0429     |
|          | rs507666  | 9      | 133273983           | chr9:133273983-133273983  | 9_136149399           | A      | 0.0734     |
| 10p12.1  | rs1888657 | 10     | 24544685            | chr10:24544685-24544685   | 10_24833614           | T      | 0.0349     |
| 10p11.23 | rs2487928 | 10     | 30034963            | chr10:30034963-30034963   | 10_30323892           | A      | 0.0546     |
| 10p11.22 | rs1555321 | 10     | 33200961            | chr10:33200961-33200961   | 10_33489889           | A      | 0.0297     |
| 10q11.21 | rs1254531 | 10     | 44083614            | chr10:44083614-44083614   | 10_44579062           | T      | 0.0399     |
| 10q11.21 | rs1657346 | 10     | 44282112            | chr10:44282112-44282112   | 10_44777560           | C      | 0.0918     |
| 10q21.1  | rs2879627 | 10     | 51923587            | chr10:51923587-51923587   | 10_53683347           | A      | 0.0348     |
| 10q22.1  | rs4403732 | 10     | 71878397            | chr10:71878397-71878397   | 10_73638155           | C      | 0.0346     |
| 10q23.1  | rs1226425 | 10     | 80517585            | chr10:80517585-80517585   | 10_82277341           | A      | 0.0435     |
| 10q23.31 | rs2246942 | 10     | 89245129            | chr10:89245129-89245129   | 10_91004886           | A      | 0.0706     |
| 10q24.32 | rs3740390 | 10     | 102878723           | chr10:102878723-102878723 | 10_104638480          | T      | 0.0719     |
| 10q24.33 | rs1276587 | 10     | 103909864           | chr10:103909864-103909864 | 10_105669622          | T      | 0.0327     |
| 10q25.2  | rs7901695 | 10     | 112994329           | chr10:112994329-112994329 | 10_114754088          | T      | 0.0304     |
| 10q26.12 | rs2257129 | 10     | 121139183           | chr10:121139183-121139183 | 10_122898697          | T      | 0.0835     |
| 10q26.13 | rs2268344 | 10     | 122485453           | chr10:122485453-122485453 | 10_124244969          | T      | 0.0333     |
| 11p15.4  | rs7762870 | 11     | 5662842             | chr11:5662842-5662842     | 11_5684072            | T      | 0.0682     |
| 11p15.4  | rs1160150 | 11     | 5679844             | chr11:5679844-5679844     | 11_5701074            | A      | 0.0838     |
| 11p15.4  | rs7941600 | 11     | 9258737             | chr11:9258737-9258737     | 11_9280284            | A      | 0.0517     |
| 11p15.4  | rs1084029 | 11     | 9729649             | chr11:9729649-9729649     | 11_9751196            | A      | 0.046      |
| 11p15.4  | rs1104293 | 11     | 10723847            | chr11:10723847-10723847   | 11_10745394           | T      | 0.0403     |
| 11p15.3  | rs1102273 | 11     | 13271635            | chr11:13271635-13271635   | 11_13293182           | T      | 0.038      |
| 11p15.2  | rs1102407 | 11     | 16895672            | chr11:16895672-16895672   | 11_16917219           | T      | 0.0328     |
| 11p14.1  | rs1691723 | 11     | 27680836            | chr11:27680836-27680836   | 11_27702383           | T      | 0.0319     |
| 11p11.12 | rs2727020 | 11     | 49089855            | chr11:49089855-49089855   | 11_49111407           | C      | 0.031      |
| 11q13.1  | rs1280163 | 11     | 65623846            | chr11:65623846-65623846   | 11_65391317           | A      | 0.0441     |
| 11q13.1  | rs1280163 | 11     | 65623846            | chr11:65623846-65623846   | 11_65391317           | A      | 0.0418     |
| 11q13.5  | rs590121  | 11     | 75563105            | chr11:75563105-75563105   | 11_75274150           | T      | 0.0386     |
| 11q22.1  | rs7947761 | 11     | 100753868           | chr11:100753868-100753868 | 11_100624599          | A      | 0.042      |
| 11q22.2  | rs1278892 | 11     | 102931118           | chr11:102931118-102931118 | 11_102801847          | A      | 0.0324     |
| 11q22.3  | rs974819  | 11     | 103789839           | chr11:103789839-103789839 | 11_103660567          | T      | 0.0674     |
| 11q22.3  | rs3758911 | 11     | 107326914           | chr11:107326914-107326914 | 11_107197640          | T      | 0.0356     |
| 11q22.3  | rs7356201 | 11     | 110401537           | chr11:110401537-110401537 | 11_110272261          | A      | 0.0458     |
| 11q23.3  | rs964184  | 11     | 116778201           | chr11:116778201-116778201 | 11_116648917          | C      | 0.0705     |
| 11q24.2  | rs7933887 | 11     | 126405869           | chr11:126405869-126405869 | 11_126275764          | A      | 0.0344     |
| 12p13.32 | rs3782774 | 12     | 3262065             | chr12:3262065-3262065     | 12_3371231            | A      | 0.0317     |
| 12p12.2  | rs1084144 | 12     | 20067099            | chr12:20067099-20067099   | 12_20220033           | C      | 0.051      |
| 12p11.21 | rs1161042 | 12     | 31259735            | chr12:31259735-31259735   | 12_31412669           | A      | 0.0361     |
| 12q12    | rs1282694 | 12     | 42402498            | chr12:42402498-42402498   | 12_42796300           | A      | 0.0347     |
| 12q13.13 | rs1117082 | 12     | 54120131            | chr12:54120131-54120131   | 12_54513915           | C      | 0.0969     |
| 12q13.3  | rs1117211 | 12     | 57133500            | chr12:57133500-57133500   | 12_57527283           | T      | 0.0349     |
| 12q13.3  | rs1117211 | 12     | 57133500            | chr12:57133500-57133500   | 12_57527283           | T      | 0.0257     |
| 12q21.33 | rs2681492 | 12     | 89619312            | chr12:89619312-89619312   | 12_90013089           | T      | 0.0629     |
| 12q22    | rs7306455 | 12     | 94961765            | chr12:94961765-94961765   | 12_95355541           | A      | 0.0549     |
| 12q24.12 | rs3184504 | 12     | 111446804           | chr12:111446804-111446804 | 12_111884608          | T      | 0.0742     |

| REGION   | SNPS      | CHR_ID | CHR:POS (GRCh38p12) | to lift over              | CHR:POS (GRCh37/hg19) | Allele | OR or BETA |
|----------|-----------|--------|---------------------|---------------------------|-----------------------|--------|------------|
| 12q24.31 | rs2244608 | 12     | 120979185           | chr12:120979185-120979185 | 12_121416988          | A      | 0.0518     |
| 12q24.31 | rs1105740 | 12     | 123942759           | chr12:123942759-123942759 | 12_124427306          | A      | 0.0383     |
| 12q24.31 | rs1105783 | 12     | 124822507           | chr12:124822507-124822507 | 12_125307053          | A      | 0.0821     |
| 13q12.3  | rs9319428 | 13     | 28399484            | chr13:28399484-28399484   | 13_28973621           | A      | 0.0404     |
| 13q13.1  | rs9591012 | 13     | 32484196            | chr13:32484196-32484196   | 13_33058333           | A      | 0.0441     |
| 13q34    | rs1286657 | 13     | 110182619           | chr13:110182619-110182619 | 13_110834966          | T      | 0.0828     |
| 13q34    | rs9521678 | 13     | 110263771           | chr13:110263771-110263771 | 13_110916118          | T      | 0.0408     |
| 13q34    | rs9515203 | 13     | 110397276           | chr13:110397276-110397276 | 13_111049623          | T      | 0.0675     |
| 13q34    | rs9583531 | 13     | 110732814           | chr13:110732814-110732814 | 13_111385161          | T      | 0.0448     |
| 13q34    | rs1317507 | 13     | 112977466           | chr13:112977466-112977466 | 13_113631780          | A      | 0.0434     |
| 14q24.3  | rs7145159 | 14     | 75116565            | chr14:75116565-75116565   | 14_75583268           | T      | 0.0348     |
| 14q32.2  | rs2895811 | 14     | 99667605            | chr14:99667605-99667605   | 14_100133942          | T      | 0.0442     |
| 15q15.1  | rs1244004 | 15     | 41490486            | chr15:41490486-41490486   | 15_41782684           | A      | 0.0345     |
| 15q22.31 | rs6494488 | 15     | 64732005            | chr15:64732005-64732005   | 15_65024204           | A      | 0.0431     |
| 15q22.33 | rs5606213 | 15     | 67163292            | chr15:67163292-67163292   | 15_67455630           | T      | 0.0655     |
| 15q24.1  | rs2507    | 15     | 73983335            | chr15:73983335-73983335   | 15_74275676           | A      | 0.0303     |
| 15q25.1  | rs6495335 | 15     | 78824791            | chr15:78824791-78824791   | 15_79117133           | T      | 0.0694     |
| 15q25.3  | rs2880765 | 15     | 85513231            | chr15:85513231-85513231   | 15_86056462           | A      | 0.0284     |
| 15q26.1  | rs8042271 | 15     | 89030987            | chr15:89030987-89030987   | 15_89574218           | A      | 0.0746     |
| 15q26.1  | rs1751484 | 15     | 90873320            | chr15:90873320-90873320   | 15_91416550           | A      | 0.0613     |
| 15q26.2  | rs1758113 | 15     | 95603185            | chr15:95603185-95603185   | 15_96146414           | A      | 0.0419     |
| 16p13.11 | rs9972711 | 16     | 15808733            | chr16:15808733-15808733   | 16_15902590           | A      | 0.0351     |
| 16q13    | rs1800775 | 16     | 56961324            | chr16:56961324-56961324   | 16_56995236           | A      | 0.0405     |
| 16q22.2  | rs1050362 | 16     | 72096916            | chr16:72096916-72096916   | 16_72130815           | A      | 0.0386     |
| 16q23.1  | rs4888378 | 16     | 75298143            | chr16:75298143-75298143   | 16_75332041           | A      | 0.0439     |
| 16q23.3  | rs7199941 | 16     | 81872818            | chr16:81872818-81872818   | 16_81906423           | A      | 0.0401     |
| 16q23.3  | rs7500448 | 16     | 83012185            | chr16:83012185-83012185   | 16_83045790           | A      | 0.0633     |
| 17p11.2  | rs1293658 | 17     | 17640408            | chr17:17640408-17640408   | 17_17543722           | A      | 0.0361     |
| 17q11.2  | rs13723   | 17     | 29614868            | chr17:29614868-29614868   | 17_27941886           | A      | 0.0395     |
| 17q21.2  | rs2074158 | 17     | 42105145            | chr17:42105145-42105145   | 17_40257163           | T      | 0.0543     |
| 17q21.32 | rs1760876 | 17     | 46935905            | chr17:46935905-46935905   | 17_45013271           | T      | 0.0519     |
| 17q21.32 | rs3895874 | 17     | 48970506            | chr17:48970506-48970506   | 17_47047868           | A      | 0.0414     |
| 17q21.33 | rs1694804 | 17     | 49363104            | chr17:49363104-49363104   | 17_47440466           | A      | 0.0534     |
| 17q23.2  | rs8080784 | 17     | 60939664            | chr17:60939664-60939664   | 17_59017025           | T      | 0.053      |
| 17q23.2  | rs2286526 | 17     | 61394696            | chr17:61394696-61394696   | 17_59472057           | T      | 0.0282     |
| 17q23.3  | rs1867624 | 17     | 64309731            | chr17:64309731-64309731   | 17_62387091           | T      | 0.0369     |
| 17q24.2  | rs1801689 | 17     | 66214462            | chr17:66214462-66214462   | 17_64210580           | A      | 0.0813     |
| 17q24.2  | rs4148005 | 17     | 68886325            | chr17:68886325-68886325   | 17_66882466           | T      | 0.0286     |
| 17q25.1  | rs3548997 | 17     | 74704804            | chr17:74704804-74704804   | 17_72700943           | A      | 0.0438     |
| 17q25.1  | rs1135889 | 17     | 75930040            | chr17:75930040-75930040   | 17_73926121           | A      | 0.0403     |
| 18q11.2  | rs3813127 | 18     | 22457634            | chr18:22457634-22457634   | 18_20037597           | A      | 0.0337     |
| 18q21.1  | rs833509  | 18     | 49002417            | chr18:49002417-49002417   | 18_46528787           | T      | 0.0399     |
| 18q21.1  | rs2000813 | 18     | 49567494            | chr18:49567494-49567494   | 18_47093864           | T      | 0.033      |
| 18q21.32 | rs3463341 | 18     | 60187461            | chr18:60187461-60187461   | 18_57854694           | T      | 0.0423     |
| 19p13.2  | rs1168430 | 19     | 8364439             | chr19:8364439-8364439     | 19_8429323            | A      | 0.1609     |
| 19p13.2  | rs6511720 | 19     | 11091630            | chr19:11091630-11091630   | 19_11202306           | T      | 0.1359     |
| 19p13.2  | rs1761666 | 19     | 11192878            | chr19:11192878-11192878   | 19_11303554           | A      | 0.0567     |
| 19p13.11 | rs3745348 | 19     | 17101600            | chr19:17101600-17101600   | 19_17212410           | T      | 0.0325     |
| 19p13.11 | rs7301571 | 19     | 17744954            | chr19:17744954-17744954   | 19_17855763           | C      | 0.0593     |
| 19q13.2  | rs1298094 | 19     | 41326326            | chr19:41326326-41326326   | 19_41832231           | A      | 0.0609     |
| 19q13.2  | rs2288874 | 19     | 41346870            | chr19:41346870-41346870   | 19_41852775           | T      | 0.0531     |
| 19q13.32 | rs7412    | 19     | 44908822            | chr19:44908822-44908822   | 19_45412079           | T      | 0.1603     |
| 19q13.32 | rs8103278 | 19     | 45867123            | chr19:45867123-45867123   | 19_46370381           | A      | 0.0331     |
| 19q13.32 | rs425105  | 19     | 46705224            | chr19:46705224-46705224   | 19_47208481           | T      | 0.0385     |
| 20p12.1  | rs13734   | 20     | 17614084            | chr20:17614084-17614084   | 20_17594729           | A      | 0.0384     |
| 20q11.22 | rs6088590 | 20     | 34725762            | chr20:34725762-34725762   | 20_33313566           | T      | 0.0338     |
| 20q11.22 | rs867186  | 20     | 35176751            | chr20:35176751-35176751   | 20_33764554           | A      | 0.063      |
| 20q12    | rs6129767 | 20     | 41193692            | chr20:41193692-41193692   | 20_39822332           | T      | 0.0385     |
| 20q13.12 | rs3827066 | 20     | 45957384            | chr20:45957384-45957384   | 20_44586023           | T      | 0.0467     |
| 20q13.13 | rs5631361 | 20     | 48840319            | chr20:48840319-48840319   | 20_47456856           | T      | 0.0524     |
| 21q21.3  | rs2832227 | 21     | 29160755            | chr21:29160755-29160755   | 21_30533076           | A      | 0.0438     |
| 21q22.11 | rs2845106 | 21     | 34221526            | chr21:34221526-34221526   | 21_35593827           | A      | 0.1193     |
| 21q22.2  | rs2836633 | 21     | 38695521            | chr21:38695521-38695521   | 21_40067445           | A      | 0.0285     |
| 21q22.3  | rs2838344 | 21     | 43669996            | chr21:43669996-43669996   | 21_45089877           | A      | 0.0299     |

| REGION   | SNPS      | CHR_ID | CHR:POS (GRCh38p12) | to lift over              | CHR:POS (GRCh37/hg19) | Allele | OR or BETA |
|----------|-----------|--------|---------------------|---------------------------|-----------------------|--------|------------|
| 22q11.23 | rs8141797 | 22     | 24186073            | chr22:24186073-24186073   | 22_24582041           | A      | 0.0655     |
| 22q11.23 | rs5760293 | 22     | 24266203            | chr22:24266203-24266203   | 22_24662171           | T      | 0.1275     |
| 22q12.2  | rs6006426 | 22     | 30273894            | chr22:30273894-30273894   | 22_30669883           | A      | 0.03       |
| 1p36.32  | rs3609619 | 1      | 2320766             | chr1:2320766-2320766      | 1_2252205             | T      | 0.0469     |
| 17q11.2  | rs7695479 | 17     | 31706495            | chr17:31706495-31706495   | 17_30033514           | T      | 0.0393     |
| 7p22.1   | rs7797644 | 7      | 6446436             | chr7:6446436-6446436      | 7_6486067             | T      | 0.0386     |
| 10q26.13 | rs4752700 | 10     | 122478096           | chr10:122478096-122478096 | 10_124237612          | A      | 0.0332     |
| 7q31.2   | rs975722  | 7      | 117692860           | chr7:117692860-117692860  | 7_117332914           | A      | 0.0283     |
| 20q13.32 | rs260020  | 20     | 59138970            | chr20:59138970-59138970   | 20_57714025           | T      | 0.0518     |
| 3q22.3   | rs667920  | 3      | 136350630           | chr3:136350630-136350630  | 3_136069472           | T      | 0.0489     |
| 5q11.2   | rs3936511 | 5      | 56564954            | chr5:56564954-56564954    | 5_55860781            | A      | 0.0366     |
| 20q12    | rs6102343 | 20     | 41295639            | chr20:41295639-41295639   | 20_39924279           | A      | 0.0372     |
| 3p21.31  | rs7633770 | 3      | 46647072            | chr3:46647072-46647072    | 3_46688562            | A      | 0.0295     |
| 14q23.1  | rs2145598 | 14     | 58327283            | chr14:58327283-58327283   | 14_58794001           | A      | 0.0283     |
| 11p11.2  | rs7116641 | 11     | 43675367            | chr11:43675367-43675367   | 11_43696917           | T      | 0.0314     |
| 4q22.3   | rs3775058 | 4      | 95196220            | chr4:95196220-95196220    | 4_96117371            | A      | 0.0386     |
| 10p13    | rs6184834 | 10     | 12261814            | chr10:12261814-12261814   | 10_12303813           | T      | 0.0363     |
| 2p21     | rs582384  | 2      | 45669298            | chr2:45669298-45669298    | 2_45896437            | A      | 0.0332     |
| 6q25.1   | rs1708009 | 6      | 150676265           | chr6:150676265-150676265  | 6_150997401           | T      | 0.0537     |
| 18q21.1  | rs9964304 | 18     | 49703347            | chr18:49703347-49703347   | 18_47229717           | A      | 0.0382     |
| 14q32.13 | rs1126352 | 14     | 94371805            | chr14:94371805-94371805   | 14_94838142           | T      | 0.1363     |
| 8q23.1   | rs1009311 | 8      | 105553186           | chr8:105553186-105553186  | 8_106565414           | A      | 0.0319     |
| 3q25.31  | rs4266144 | 3      | 157134803           | chr3:157134803-157134803  | 3_156852592           | C      | 0.0346     |
| 15q26.2  | rs1758113 | 15     | 95603185            | chr15:95603185-95603185   | 15_96146414           | A      | 0.0373     |
| 6p21.2   | rs1321309 | 6      | 36670859            | chr6:36670859-36670859    | 6_36638636            | A      | 0.028      |
| 12p13.31 | rs1183826 | 12     | 7068568             | chr12:7068568-7068568     | 12_7175872            | T      | 0.0514     |
| 7p13     | rs2107732 | 7      | 45038379            | chr7:45038379-45038379    | 7_45077978            | A      | 0.0567     |
| 2q37.3   | rs1167793 | 2      | 237315312           | chr2:237315312-237315312  | 2_238223955           | A      | 0.0339     |
| 1q32.2   | rs6015412 | 1      | 210295654           | chr1:210295654-210295654  | 1_210468999           | T      | 0.0444     |
| 20q13.12 | rs3827066 | 20     | 45957384            | chr20:45957384-45957384   | 20_44586023           | T      | 0.0424     |
| 9q33.2   | rs885150  | 9      | 121657894           | chr9:121657894-121657894  | 9_124420173           | T      | 0.0355     |
| 6q14.1   | rs4613862 | 6      | 81902554            | chr6:81902554-81902554    | 6_82612271            | A      | 0.0319     |
| 7p22.3   | rs1026759 | 7      | 1897625             | chr7:1897625-1897625      | 7_1937261             | A      | 0.036      |
| 4q21.1   | rs1250082 | 4      | 76495474            | chr4:76495474-76495474    | 4_77416627            | A      | 0.0336     |
| 6q22.32  | rs1591805 | 6      | 126395918           | chr6:126395918-126395918  | 6_126717064           | A      | 0.037      |
| 10q23.1  | rs1768074 | 10     | 80491758            | chr10:80491758-80491758   | 10_82251514           | T      | 0.042      |
| 11q22.1  | rs4754698 | 11     | 100761177           | chr11:100761177-100761177 | 11_100631908          | C      | 0.0368     |
| 1p36.32  | rs2493298 | 1      | 3409348             | chr1:3409348-3409348      | 1_3325912             | A      | 0.0514     |
| 1p13.2   | rs1180631 | 1      | 115210861           | chr1:115210861-115210861  | 1_115753482           | A      | 0.0337     |
| 2q24.3   | rs1299990 | 2      | 164100741           | chr2:164100741-164100741  | 2_164957251           | A      | 0.0482     |
| 6p21.1   | rs6905288 | 6      | 43791136            | chr6:43791136-43791136    | 6_43758873            | A      | 0.0386     |
| 4q32.3   | rs7696431 | 4      | 168766574           | chr4:168766574-168766574  | 4_169687725           | T      | 0.0311     |
| 10q24.33 | rs4918072 | 10     | 103933886           | chr10:103933886-103933886 | 10_105693644          | A      | 0.0386     |
| 3p21.31  | rs7617773 | 3      | 48152025            | chr3:48152025-48152025    | 3_48193515            | T      | 0.0355     |
| 11p15.4  | rs1160150 | 11     | 5679844             | chr11:5679844-5679844     | 11_5701074            | A      | 0.0782     |
| 7p21.3   | rs1150988 | 7      | 12222285            | chr7:12222285-12222285    | 7_12261911            | A      | 0.0327     |
| 13q34    | rs1317507 | 13     | 112977466           | chr13:112977466-112977466 | 13_113631780          | A      | 0.0398     |
| 3q26.31  | rs12897   | 3      | 172398112           | chr3:172398112-172398112  | 3_172115902           | A      | 0.0358     |
| 12q22    | rs1110790 | 12     | 95114195            | chr12:95114195-95114195   | 12_95507971           | A      | 0.0747     |
| 16q23.3  | rs7199941 | 16     | 81872818            | chr16:81872818-81872818   | 16_81906423           | A      | 0.0367     |
| 5p15.31  | rs1129410 | 5      | 9545986             | chr5:9545986-9545986      | 5_9546098             | A      | 0.0615     |
| 6p11.2   | rs7156684 | 6      | 57283373            | chr6:57283373-57283373    | 6_57148171            | T      | 0.0829     |
| 19p13.11 | rs7251815 | 19     | 17734133            | chr19:17734133-17734133   | 19_17844942           | T      | 0.0511     |
| 21q21.3  | rs2832227 | 21     | 29160755            | chr21:29160755-29160755   | 21_30533076           | A      | 0.0393     |
| 3q22.1   | rs1051286 | 3      | 132539117           | chr3:132539117-132539117  | 3_132257961           | T      | 0.0431     |
| 13q13.1  | rs7998440 | 13     | 32551069            | chr13:32551069-32551069   | 13_33125206           | A      | 0.0383     |
| 8p21.3   | rs6984210 | 8      | 22176102            | chr8:22176102-22176102    | 8_22033615            | C      | 0.0784     |
| 1p34.3   | rs4072980 | 1      | 37990434            | chr1:37990434-37990434    | 1_38456106            | A      | 0.0326     |
| 4q21.22  | rs1109949 | 4      | 81665896            | chr4:81665896-81665896    | 4_82587050            | A      | 0.039      |
| 8p22     | rs6997340 | 8      | 18429487            | chr8:18429487-18429487    | 8_18286997            | T      | 0.0331     |
| 9q31.2   | rs944172  | 9      | 107755513           | chr9:107755513-107755513  | 9_110517794           | T      | 0.0395     |
| 17q21.2  | rs2074164 | 17     | 42118220            | chr17:42118220-42118220   | 17_40270238           | C      | 0.0423     |
| 17q11.2  | rs1108010 | 17     | 29611406            | chr17:29611406-29611406   | 17_27938424           | T      | 0.0358     |
| 1p32.3   | rs1159114 | 1      | 55039974            | chr1:55039974-55039974    | 1_55505647            | T      | 0.2406     |

| REGION   | SNPS      | CHR_ID | CHR:POS (GRCh38p12) | to lift over              | CHR:POS (GRCh37/hg19) | Allele | OR or BETA |
|----------|-----------|--------|---------------------|---------------------------|-----------------------|--------|------------|
| 5q31.1   | rs273909  | 5      | 132331660           | chr5:132331660-132331660  | 5_131667353           | A      | 0.0488     |
| 2q22.3   | rs2252641 | 2      | 145043894           | chr2:145043894-145043894  | 2_145801461           | T      | 0.0368     |
| 2q35     | rs1250229 | 2      | 215439661           | chr2:215439661-215439661  | 2_216304384           | T      | 0.0435     |
| 4q32.1   | rs7692387 | 4      | 155714157           | chr4:155714157-155714157  | 4_156635309           | A      | 0.0643     |
| 10q11.21 | rs1870634 | 10     | 43985363            | chr10:43985363-43985363   | 10_44480811           | T      | 0.06       |
| 19p13.2  | rs1168430 | 19     | 8364439             | chr19:8364439-8364439     | 19_8429323            | A      | 0.1402     |
| 16q13    | rs1214954 | 16     | 56959249            | chr16:56959249-56959249   | 16_56993161           | A      | 0.0374     |
| 6q25.3   | rs5573049 | 6      | 160584578           | chr6:160584578-160584578  | 6_161005610           | T      | 0.3122     |
| 11p15.4  | rs472109  | 11     | 9748771             | chr11:9748771-9748771     | 11_9770318            | C      | 0.0391     |
| 2q35     | rs2571445 | 2      | 217818431           | chr2:217818431-217818431  | 2_218683154           | A      | 0.037      |
| 8p21.3   | rs1709189 | 8      | 19985660            | chr8:19985660-19985660    | 8_19843171            | T      | 0.0585     |
|          | rs2519093 | 9      | 133266456           | chr9:133266456-133266456  | 9_136141870           | T      | 0.0554     |
| 5q31.3   | rs246600  | 5      | 143137332           | chr5:143137332-143137332  | 5_142516897           | T      | 0.043      |
| 15q22.31 | rs6494488 | 15     | 64732005            | chr15:64732005-64732005   | 15_65024204           | A      | 0.0382     |
| 19p13.2  | rs5579137 | 19     | 11077477            | chr19:11077477-11077477   | 19_11188153           | A      | 0.1157     |
| 6p24.1   | rs9349379 | 6      | 12903725            | chr6:12903725-12903725    | 6_12903957            | A      | 0.1072     |
| 15q26.1  | rs1751484 | 15     | 90873320            | chr15:90873320-90873320   | 15_91416550           | A      | 0.0559     |
| 12q24.12 | rs7137828 | 12     | 111494996           | chr12:111494996-111494996 | 12_111932800          | T      | 0.0643     |
| 1p32.2   | rs1711404 | 1      | 56500678            | chr1:56500678-56500678    | 1_56966350            | A      | 0.096      |
| 6p21.31  | rs1334894 | 6      | 35647353            | chr6:35647353-35647353    | 6_35615130            | T      | 0.0482     |
| 1q32.1   | rs6700559 | 1      | 200676945           | chr1:200676945-200676945  | 1_200646073           | T      | 0.0284     |
| 15q22.33 | rs7274346 | 15     | 67149412            | chr15:67149412-67149412   | 15_67441750           | A      | 0.0576     |
| 2p11.2   | rs6743030 | 2      | 85536397            | chr2:85536397-85536397    | 2_85763520            | T      | 0.0565     |
| 17p11.2  | rs1293658 | 17     | 17640408            | chr17:17640408-17640408   | 17_17543722           | A      | 0.032      |
| 12q13.13 | rs1117082 | 12     | 54120131            | chr12:54120131-54120131   | 12_54513915           | C      | 0.0832     |
| 3q21.2   | rs4678145 | 3      | 124731234           | chr3:124731234-124731234  | 3_124450081           | C      | 0.0639     |
| 4q21.21  | rs1085714 | 4      | 80259918            | chr4:80259918-80259918    | 4_81181072            | A      | 0.0491     |
| 4q27     | rs7678555 | 4      | 119988346           | chr4:119988346-119988346  | 4_120909501           | A      | 0.0486     |
| 12q21.33 | rs2681492 | 12     | 89619312            | chr12:89619312-89619312   | 12_90013089           | T      | 0.0558     |
| 1q21.3   | rs4845625 | 1      | 154449591           | chr1:154449591-154449591  | 1_154422067           | T      | 0.0395     |
| 10q24.32 | rs3740390 | 10     | 102878723           | chr10:102878723-102878723 | 10_104638480          | T      | 0.0662     |
| 14q32.2  | rs8003602 | 14     | 99682624            | chr14:99682624-99682624   | 14_100148961          | T      | 0.0539     |
| 16q23.1  | rs8046696 | 16     | 75408245            | chr16:75408245-75408245   | 16_75442143           | T      | 0.0479     |
| 2p24.1   | rs515135  | 2      | 21063185            | chr2:21063185-21063185    | 2_21286057            | T      | 0.0555     |
| 19q13.32 | rs7412    | 19     | 44908822            | chr19:44908822-44908822   | 19_45412079           | T      | 0.1368     |
| 11q13.5  | rs606452  | 11     | 75565133            | chr11:75565133-75565133   | 11_75276178           | A      | 0.0466     |
| 12q24.31 | rs1169288 | 12     | 120978847           | chr12:120978847-120978847 | 12_121416650          | A      | 0.049      |
| 7q36.1   | rs3918226 | 7      | 150993088           | chr7:150993088-150993088  | 7_150690176           | T      | 0.1071     |
| 10q23.31 | rs1412444 | 10     | 89243170            | chr10:89243170-89243170   | 10_91002927           | T      | 0.0559     |
| 8q24.13  | rs6982502 | 8      | 125467120           | chr8:125467120-125467120  | 8_126479362           | T      | 0.0498     |
| 15q25.1  | rs7173743 | 15     | 78849442            | chr15:78849442-78849442   | 15_79141784           | T      | 0.0636     |
| 4q31.22  | rs6841581 | 4      | 147480038           | chr4:147480038-147480038  | 4_148401190           | A      | 0.0751     |
| 7p21.1   | rs2107595 | 7      | 19009765            | chr7:19009765-19009765    | 7_19049388            | A      | 0.0752     |
| 21q22.11 | rs2845106 | 21     | 34221526            | chr21:34221526-34221526   | 21_35593827           | A      | 0.1083     |
| 20q11.22 | rs867186  | 20     | 35176751            | chr20:35176751-35176751   | 20_33764554           | A      | 0.0573     |
| 6p21.33  | rs644045  | 6      | 31916180            | chr6:31916180-31916180    | 6_31883957            | A      | 0.0413     |
| 6p22.3   | rs6909752 | 6      | 22612400            | chr6:22612400-22612400    | 6_22612629            | A      | 0.0442     |
| 3q25.2   | rs789294  | 3      | 154339952           | chr3:154339952-154339952  | 3_154057741           | C      | 0.0642     |
| 16q23.3  | rs7500448 | 16     | 83012185            | chr16:83012185-83012185   | 16_83045790           | A      | 0.0557     |
| 7q22.3   | rs2189839 | 7      | 107589581           | chr7:107589581-107589581  | 7_107230026           | A      | 0.0345     |
| 18q21.32 | rs663640  | 18     | 60178844            | chr18:60178844-60178844   | 18_57846077           | T      | 0.0383     |
| 11p15.3  | rs7926712 | 11     | 13281538            | chr11:13281538-13281538   | 11_13303085           | A      | 0.0351     |
| 14q24.3  | rs7145159 | 14     | 75116565            | chr14:75116565-75116565   | 14_75583268           | T      | 0.0319     |
| 1q32.1   | rs2820315 | 1      | 201903136           | chr1:201903136-201903136  | 1_201872264           | T      | 0.0359     |
| 7q34     | rs1023737 | 7      | 140057336           | chr7:140057336-140057336  | 7_139757136           | T      | 0.0338     |
| 17q23.2  | rs1476098 | 17     | 61159652            | chr17:61159652-61159652   | 17_59237013           | A      | 0.0443     |
| 17q21.32 | rs1760876 | 17     | 46935905            | chr17:46935905-46935905   | 17_45013271           | T      | 0.0469     |
| 17q23.3  | rs9892152 | 17     | 64324605            | chr17:64324605-64324605   | 17_62401965           | T      | 0.033      |
| 13q12.3  | rs9319428 | 13     | 28399484            | chr13:28399484-28399484   | 13_28973621           | A      | 0.036      |
| 3p25.1   | rs3499191 | 3      | 14884844            | chr3:14884844-14884844    | 3_14926351            | T      | 0.0379     |
| 9p21.3   | rs4977574 | 9      | 22098575            | chr9:22098575-22098575    | 9_22098574            | A      | 0.1788     |
| 11q23.3  | rs651821  | 11     | 116791863           | chr11:116791863-116791863 | 11_116662579          | T      | 0.0692     |
| 17p13.3  | rs170041  | 17     | 2266922             | chr17:2266922-2266922     | 17_2170216            | T      | 0.0469     |
| 3q22.3   | rs185244  | 3      | 138374047           | chr3:138374047-138374047  | 3_138092889           | T      | 0.0644     |

| REGION   | SNPS      | CHR_ID | CHR:POS (GRCh38p12) | to lift over              | CHR:POS (GRCh37/hg19) | Allele | OR or BETA |
|----------|-----------|--------|---------------------|---------------------------|-----------------------|--------|------------|
| 19q13.2  | rs4803455 | 19     | 41345604            | chr19:41345604-41345604   | 19_41851509           | A      | 0.0484     |
| 10p11.23 | rs9337951 | 10     | 30028144            | chr10:30028144-30028144   | 10_30317073           | A      | 0.0543     |
| 12q24.31 | rs1105783 | 12     | 124822507           | chr12:124822507-124822507 | 12_125307053          | A      | 0.0655     |
| 2p21     | rs6544713 | 2      | 43846742            | chr2:43846742-43846742    | 2_44073881            | T      | 0.0492     |
| 13q34    | rs9515203 | 13     | 110397276           | chr13:110397276-110397276 | 13_111049623          | T      | 0.0596     |
| 6q23.2   | rs2327429 | 6      | 133888699           | chr6:133888699-133888699  | 6_134209837           | T      | 0.0655     |
| 2q33.2   | rs6728861 | 2      | 203009020           | chr2:203009020-203009020  | 2_203873743           | A      | 0.1054     |
| 12q13.3  | rs1161335 | 12     | 57398797            | chr12:57398797-57398797   | 12_57792580           | T      | 0.036      |
| 11q13.1  | rs1280163 | 11     | 65623846            | chr11:65623846-65623846   | 11_65391317           | A      | 0.0403     |
| 6p21.2   | rs1094778 | 6      | 39207146            | chr6:39207146-39207146    | 6_39174922            | T      | 0.0413     |
| 1q24.2   | rs1892094 | 1      | 169125221           | chr1:169125221-169125221  | 1_169094459           | T      | 0.0362     |
| 2p24.1   | rs1698695 | 2      | 19742712            | chr2:19742712-19742712    | 2_19942473            | A      | 0.0812     |
| 1q21.3   | rs1120489 | 1      | 151795572           | chr1:151795572-151795572  | 1_151768048           | A      | 0.0487     |
| 12p12.2  | rs1084144 | 12     | 20067099            | chr12:20067099-20067099   | 12_20220033           | C      | 0.046      |
| 7q32.2   | rs1155692 | 7      | 130023656           | chr7:130023656-130023656  | 7_129663496           | T      | 0.0548     |
| 17q21.33 | rs6207643 | 17     | 49327266            | chr17:49327266-49327266   | 17_47404628           | T      | 0.048      |
| 15q26.1  | rs1807214 | 15     | 89022026            | chr15:89022026-89022026   | 15_89565257           | A      | 0.0639     |
| 16q22.2  | rs1050362 | 16     | 72096916            | chr16:72096916-72096916   | 16_72130815           | A      | 0.0352     |
| 6p21.31  | rs2814944 | 6      | 34585020            | chr6:34585020-34585020    | 6_34552797            | A      | 0.0479     |
| 1q41     | rs3515867 | 1      | 222656208           | chr1:222656208-222656208  | 1_222829550           | A      | 0.0699     |
| 1p13.3   | rs602633  | 1      | 109278889           | chr1:109278889-109278889  | 1_109821511           | T      | 0.0999     |
| 11q22.3  | rs974819  | 11     | 103789839           | chr11:103789839-103789839 | 11_103660567          | T      | 0.0614     |
| 4q12     | rs1708193 | 4      | 56956703            | chr4:56956703-56956703    | 4_57822869            | A      | 0.0399     |