

LungCancer_gain

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556

1p36. 33, 1328001, 1593000, 1, MRPL20/LOC441869/LOC643965/VWA1/ATAD3C/ATAD3
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5q33. 2, 153800001, 154197000, 1, NS4ATP2/HAND1/ERPL2/LARP1/C5orf4
5q33. 3, 158586001, 159591000, 1, UBLCP1/IL12B/LOC644351/ADRA1B/TTC1/KIAA1935/FABP6
5q35. 1, 172742001, 172753000, 1, NA
5q35. 2, 173034001, 173037000, 1, NA

5q35. 3, 179041001, 179201000, 1, CANX/MAML1/LTC4S/MGAT4B/LOC646040/SQSTM1/LOC51149
 5q35. 3, 179265001, 179289000, 1, KIAA0676
 5q35. 3, 179291001, 180688000, 1, RNF130/LOC646058/RASGEF1C/LOC646093/MAPK9/GFPT2/CNOT6/FLT4/SCGB3A1/OR2A1P/OR2Y1/MGAT1/LOC646210/LOC643836/BTNL8/LOC646227/BTNL3/LOC646229/BTNL9/LOC646250/OR2V1/OR2V2/TRIM7/TRIM41/GNB2L1/TRIM52/LOC388312/LOC646301
 6p22. 3, 18224001, 18226000, 1, NA
 6p22. 3, 24652001, 24978000, 1, KIAA0319/TTRAP/THEM2/C6orf62/GMNN/C6orf32
 6p22. 2, 26547001, 26635000, 1, BTN3A3/BTN2A1/BTN1A1
 6p21. 31, 35803001, 36455000, 1, LOC285847/C6orf81/UNQ3045/LOC340204/CLPS/LHFPL5/SRPK1/SLC26A8/DPRXP2/MAPK14/MAPK13/BRPF3/PNPLA1/DKFZp779B1540/ETV7
 6p21. 31, 36458001, 36651000, 1, ETV7/PXT1/C6orf69/STK38
 6p21. 1, 44218001, 44222000, 1, TMEM63B
 6p12. 3, 47201001, 47251000, 1, NA
 6p12. 1, 53362001, 53374000, 1, NA
 6q12, 64292001, 64421000, 1, LOC441154/PTP4A1/LOC389404/PHF3
 6q12, 66012001, 66014000, 1, NA
 6q13, 74227001, 76919000, 1, MTO1/EEF1A1/SLC17A5/CD109/COL12A1/COX7A2/TMEM30A/FILIP1/LOC643227/SENPA6/MYO6/IMPG1
 6q14. 1, 83075001, 83077000, 1, NA
 6q14. 3, 86203001, 86318000, 1, NT5E/SNX14
 6q15, 90038001, 90040000, 1, GABRR2
 6q16. 2, 99848001, 99990000, 1, C6orf168/COQ3/C6orf111/USP45
 6q21, 106969001, 107016000, 1, NA
 6q21, 109688001, 109690000, 1, FLJ37396
 6q21, 111214001, 111217000, 1, CDC2L6
 6q22. 1, 116579001, 117247000, 1, NT5C2L1/TSPYL4/RPS5P1/TSPYL1/SART2/LOC644101/LOC442252/LOC441168/C6orf188/C6orf78/RWDD1/RSHL3/C6orf113/KPNA5/C6orf189/GPRC6A
 6q22. 31, 123180001, 123182000, 1, NA
 6q23. 3, 136580001, 136597000, 1, FAM54A
 6q23. 3, 138412001, 138414000, 1, NA
 6q25. 1, 149699001, 149701000, 1, MAP3K7IP2
 6q25. 1, 149733001, 150727000, 1, MAP3K7IP2/SUMO4/ZC3H12D/PPIL4/C6orf72/LOC645958/KATNA1/LATS1/LOC645967/NUP43/PCMT1/LRP11/LOC442267/RAET1E/RAET1G/ULBP2/ULBP1/LOC345829/LOC646024/RAET1L/PHBP1/ULBP3/PPP1R14C/RNU4P1
 6q25. 3, 159187001, 159189000, 1, LOC202459
 6q25. 3, 160100001, 160527000, 1, ACAT2/TCP1/MRPL18/PNLDC1/MAS1/IGF2R/SLC22A1
 6q27, 166823001, 167114000, 1, RPS6KA2/FAM103A2P/LOC645468
 7p22. 1, 5566001, 6275000, 1, FSCN1/TRIAD3/FLJ38969/LOC442501/LOC653668/C7orf28A/LOC222967/PMS2/JTV1/EIF2AK1/USP42/PSCD3

7p22. 1, 6442001, 6444000, 1, LOC221955
 7p22. 1, 6503001, 6728000, 1, LOC392862/ZDHC4/C7orf26/ZNF12/LOC645854
 7p21. 2, 13933001, 15596000, 1, ETV1/DGKB/FLJ16237
 7p15. 3, 22550001, 22981000, 1, IL6/RPS26e/TOMM7/LOC392872/DRCTNNB1A
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 643903/HOXA4/HOXA5/HOXA6/HOXA7/HOXA9/HOXA10/HOXA11/LOC646692/HOXA13/EV
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 7p14. 3, 29960001, 30671000, 1, SCRNI/FKBP14/PLEKHA8/E11s1/ZNRF2/DKFZp586I1
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 7p14. 1, 42836001, 42974000, 1, C7orf25/PSMA2/MRPL32
 7p12. 1, 50658001, 50680000, 1, GRB10
 7p11. 2, 56130001, 56359000, 1, CHCHD2/LOC389493/LOC442309/LOC441228/LOC154
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 7q11. 23, 75956001, 75960000, 1, DTX2
 7q22. 2, 104308001, 104310000, 1, LHFPL3
 7q22. 3, 105889001, 105940000, 1, NA
 7q31. 2, 115899001, 116557000, 1, CAV2/CAV1/MET/CAPZA2/ST70T1/ST7/ST70T4/ST
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 7q31. 33, 126935001, 126937000, 1, NA
 7q32. 1, 127221001, 127225000, 1, SND1
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 7q33, 135612001, 135615000, 1, NA
 7q34, 139246001, 139258000, 1, TBXAS1
 7q34, 140153001, 140244000, 1, BRAF
 7q35, 143884001, 143886000, 1, TPK1
 7q36. 1, 148700001, 149718000, 1, KIAA1285/FLJ31413/FLJ12700/KIAA1862/ZNF46
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 7q36. 3, 157060001, 157062000, 1, PTPRN2
 7q36. 3, 158524001, 158527000, 1, VIPR2
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 8p21. 3, 22277001, 22280000, 1, NA
 8p21. 3, 22878001, 22976000, 1, RHOBTB2/TNFRSF10B

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 8p12, 30536001, 31550000, 1, RBPMS/LOC642356/GTF2E2/GSR/LOC642388/UBXD6/PP
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 8p12, 35382001, 35384000, 1, NA
 8p11. 22, 38961001, 38963000, 1, HTRA4
 8p11. 21, 40011001, 40124000, 1, NA
 8q11. 21, 48687001, 48847000, 1, CEBPD/LOC643975
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 8q11. 23, 54879001, 57421000, 1, ATP6V1H/RGS20/TCEA1/LYPLA1/TDGF5/LOC644866
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 /TMEM68/NCOA6IP/LYN/PSMC6P/RPS20/RNU54/MOS/PLAG1/CHCHD7/LOC653569/LOC4
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 8q12. 1, 61533001, 61535000, 1, NA
 8q12. 3, 62413001, 62414000, 1, MGC34646
 8q12. 3, 62416001, 62597000, 1, MGC34646/ASPH
 8q13. 2, 70041001, 70043000, 1, NA
 8q13. 3, 71486001, 71488000, 1, NA
 8q21. 11, 75515001, 75517000, 1, NA
 8q21. 13, 80949001, 80951000, 1, NA
 8q21. 13, 82433001, 83143000, 1, PMP2/LOC646480/FABP4/FTHL11/LOC646486/LOC6
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 NCALD/LOC643831/RRM2B
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 8q22. 3, 103839001, 103841000, 1, NA
 8q23. 1, 107709001, 107711000, 1, NA
 8q24. 11, 117858001, 117860000, 1, NA
 8q24. 12, 120255001, 120258000, 1, NA
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 8q24. 21, 131065001, 131074000, 1, NA
 8q24. 22, 133025001, 133133000, 1, KIAA0143
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 9p24. 1, 6278001, 7219000, 1, TPD52L3/UHRF2/C9orf38/GLDC/SNRPEL1/JMJD2C
 9p23, 12775001, 12777000, 1, C9orf150
 9p23, 12972001, 13105000, 1, MPDZ
 9p22. 3, 14921001, 16831000, 1, LOC389705/PSIP1P/C9orf52/LOC286348/SNAPC3/P
 SIP1/FTHL12/LOC646305/C9orf93/LOC646371/BNC2/MGC24103
 9p22. 1, 19379001, 20413000, 1, ASAH3L/LOC392288/SLC24A2/LOC646505/SMNP/MLL
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 9p21. 1, 33038001, 33652000, 1, SMU1/B4GALT1/SPINK4/BAG1/CHMP5/NFX1/AQP7/AQ
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 9p13. 2, 37086001, 38458000, 1, ZCCHC7/GRHPR/ZBTB5/LOC647013/PRAF1/FBX010/L
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 HB/ALDH1B1/IGFBPL1/LOC340501
 9q21. 12, 72333001, 73409000, 1, TRPM3/LOC644951
 9q21. 2, 80943001, 83021000, 1, LOC645345/TLE4/LOC347119
 9q21. 32, 86277001, 86616000, 1, LOC645608/NTRK2/LOC653648
 9q21. 33, 88643001, 88652000, 1, NA
 9q21. 33, 90343001, 90346000, 1, C9orf121
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 9q22. 31, 94972001, 95015000, 1, WNK2
 9q22. 31, 95019001, 95076000, 1, WNK2
 9q22. 31, 96326001, 96328000, 1, NA
 9q31. 2, 110093001, 112109000, 1, LOC347292/LOC644826/LOC442431/ACTL7B/ACTL
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 9q31. 3, 112934001, 114512000, 1, OR2K2/ZNF483/LTB4DH/C9orf29/bA16L21. 2. 1/L
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 9q32, 117361001, 119318000, 1, C9orf27/PAPPA/ASTN2/LOC644046/TRIM32/LOC644
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 9q33. 2, 123944001, 124124000, 1, NDUFA8/C9orf18/LHX6/RBM18/MRRF
 9q33. 3, 127121001, 128002000, 1, GAPVD1/MAPKAP1/LOC645889/LOC51145/PBX3
 9q34. 11, 130706001, 131333000, 1, LRRC8A/PHYHD1/TMEM15/NUP188/SH3GLB2/FAM7
 3B/DOLPP1/CRAT/PPP2R4/IER5L/C9orf106
 9q34. 11, 131457001, 132897000, 1, PRRX2/PTGES/TOR1B/TOR1A/C9orf78/USP20/FN
 BP1/LOC646236/GPR107/FLJ46836/FREQ/LOC646254/HMCN2/LOC641709/ASS/LOC15
 8301/FUBP3/LOC642306/PRDM12/EXOSC2/ABL1/P518/FIBCD1/LAMC3
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 9q34. 2, 136231001, 136290000, 1, NA
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 10p15. 1, 5500001, 5788000, 1, CALML5/CALML3/ASB13/LOC643967/C10orf18
 10p15. 1, 5792001, 5809000, 1, LOC643967/C10orf18
 10p12. 1, 28910001, 28997000, 1, WAC
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 10q11. 23, 51593001, 52027000, 1, ASAH2/LOC643411/TMEM23/LOC644434/LOC65348
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 C10orf27

10q22. 1, 73589001, 74829000, 1, ASCC1/C10orf104/DDIT4/DNAJB12/CBARA1/LOC645547/C10orf42/OIT3/PLA2G12B/P4HA1/NUDT13/HSGT1/DNAJC9/MRPS16/TTC18/ANXA7
 10q23. 32, 93568001, 95718000, 1, TNKS2/C10orf13/BTAF1/CPEB3/NOLA2P1/MARCH5/LOC643768/IDE/KIF11/LOC283014/LOC643795/HHEX/EXOC6/CYP26C1/CYP26A1/LOC389997/LOC387703/LOC643863/FER1L3/CEP55/GPR120/RBP4/PDE6C/C10orf4/LGI1/TMEM20/PSMD4P2
 10q24. 31, 102124001, 103544000, 1, WNT8B/SEC31L2/NDUFB8/HIF1AN/LOC644690/PAX2/C10orf6/SEMA4G/MRPL43/PEO1/LZTS2/LOC653514/PDZK7/SFXN3/KAZALD1/TLX1/LBX1/BTRC/POLL/RP11-529I10.4/FBXW4/FGF8/NPM3/MGEA5
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 11p15. 4, 6634001, 6636000, 1, NA
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 11p15. 1, 18686001, 18688000, 1, IGSF22
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 11p14. 1, 27910001, 27913000, 1, NA
 11p13, 33732001, 34121000, 1, FBX03/LOC646120/LOC646130/LMO2/GPIAP1/FLJ10774
 11p13, 34123001, 34210000, 1, FLJ10774/ABTB2
 11p13, 35250001, 35254000, 1, SLC1A2
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 11q12. 1, 57469001, 57583000, 1, OR5BD1P/CYCSP26/OR6Q1/LOC643402
 11q12. 3, 61732001, 61734000, 1, SCGB2A1
 11q13. 1, 63527001, 63742000, 1, LRP16/FLRT1/STIP1/URP2
 11q13. 1, 65194001, 65213000, 1, NA
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 11q14. 2, 87846001, 87848000, 1, NA
 11q14. 2, 88026001, 90017000, 1, GRM5/TYR/NOX4/PSMAL/FOLH2/LOC390231/LOC120126/LOC642362/TRIM49/LOC642414/LOC642425/LOC399937/LOC642435/LOC642446/LOC440059/LOC399939/LOC642508/TRIM64/LOC390120/LOC399940/LOC642569/LOC642579/LOC653111/LOC642599/LOC440061/LOC642612/LOC642623/NAALAD2/CHORDC1/LOC642650/LOC399942
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 11q22. 3, 108346001, 108376000, 1, NA

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 11q24. 1, 121960001, 121963000, 1, NA
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 12p11. 21, 31944001, 31946000, 1, NA
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 12q13. 12, 49332001, 50144000, 1, KIAA1463/ATF1/TMPRSS12/DKFZP586A0522/SLC1
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 C341412/ATP5G2/CALCOCO1/HOXC13/HOXC12/HOXC11/HOXC10/HOXC9/HOXC8/HOXC4/
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 C5P/OR6C1/OR6C3/OR6C7P/OR6C75/OR6C71P/OR6C66P/OR6C73P/OR6C65/LOC653441
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 P/PSMB3P/MGC17301/ITGA7/BLOC1S1/RDH5/CD63/GDF11/CIP29/ORMDL2/DNAJC14/L
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 12q21. 2, 76419001, 76440000, 1, NA
 12q21. 31, 83526001, 83528000, 1, NA
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 12q21. 33, 89742001, 89744000, 1, NA
 12q21. 33, 92537001, 92539000, 1, NA
 12q22, 93796001, 94514000, 1, LOC643489/NDUFA12/NR2C1/FGD6/VEZATIN/LOC6435
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 12q23. 3, 104742001, 104757000, 1, NA
 12q24. 11, 109041001, 109176000, 1, IFT81
 12q24. 22, 117013001, 117015000, 1, FLJ20674
 12q24. 23, 118683001, 118685000, 1, CIT
 12q24. 31, 124081001, 124500000, 1, AACS
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 13q13. 3, 38935001, 38937000, 1, LHFP
 13q14. 11, 45007001, 45011000, 1, COG3
 13q14. 13, 45964001, 45966000, 1, NA
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 13q22. 3, 77563001, 77580000, 1, NA
 13q31. 1, 79483001, 79485000, 1, NA
 13q32. 2, 99104001, 99475000, 1, CLYBL/ZIC5/ZIC2
 13q33. 3, 107209001, 107221000, 1, NA
 13q34, 111533001, 111545000, 1, NA
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 1/TRAV10/TRAV11/TRAV12-1/TRAV8-2/TRAV8-3/TRAV13-1/TRAV12-2/TRAV8-
 4/TRAV8-5/TRAV13-2/TRAV14DV4/TRAV9-2/TRAV15/TRAV12-3/TRAV8-
 6/TRAV16/TRAV17/TRAV18/TRAV19/TRAV20/TRAV21/TRAV22/TRAV23DV6/TRDV1/TRA
 V24/TRAV25/TRAV26-1/TRAV8-7
 14q11. 2, 21680001, 22532000, 1, TRA@/TRAV27/TRAV28/TRAV29DV5/TRAV30/TRAV31
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 1/TRAV38-
 2DV8/TRAV39/TRAV40/TRAV41/TRD@/TRDV2/TRDD1/TRDD2/TRDD3/TRDJ1/TRDJ4/TRD
 J2/TRDJ3/TRDC/TRDV3/TRAJ61/TRAJ60/TRAJ59/TRAJ58/TRAJ57/TRAJ56/TRAJ55/T
 RAJ54/TRAJ53/TRAJ52/TRAJ51/TRAJ50/TRAJ49/TRAJ48/TRAJ47/TRAJ46/TRAJ45/T
 RAJ44/TRAJ43/TRAJ42/TRAJ41/TRAJ40/TRAJ39/TRAJ38/TRAJ37/TRAJ36/TRAJ35/T
 RAJ34/TRAJ33/TRAJ32/TRAJ31/TRAJ30/TRAJ29/TRAJ28/TRAJ27/TRAJ26/TRAJ25/T
 RAJ24/TRAJ23/TRAJ22/TRAJ21/TRAJ20/TRAJ19/TRAJ18/TRAJ17/TRAJ16/TRAJ15/T
 RAJ14/TRAJ13/TRAJ12/TRAJ11/TRAJ10/TRAJ9/TRAJ8/TRAJ7/TRAJ6/TRAJ5/TRAJ4/
 TRAJ3/TRAJ2/TRAJ1/TRAC/DAD1/ABHD4/OR6J1/RPL26P2/OR6E1P/LOC643639/OXA1L
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 14q13. 1, 35181001, 36660000, 1, GARNL1/NUTF2P2/BRMS1L/LOC644584/LOC644616/MBIP/STELLAR/TITF1/PHKBP2/NKX2-8/FLJ42220/LOC644719/PAX9/SLC25A21
 14q21. 1, 39649001, 39651000, 1, NA
 14q22. 1, 53107001, 53245000, 1, NA
 14q22. 3, 57676001, 57852000, 1, C14orf37/UBA52P3/ACTR10/PSMA3/HMGB1P/ARID4A
 14q23. 2, 62203001, 62215000, 1, NA
 14q23. 3, 66479001, 66481000, 1, GPHN
 14q23. 3, 67850001, 68448000, 1, RAD51L1/RPL7AP5/PPIAP6/RPL12P7/ZFP36L1/FLJ39779/MAGOHP/BLZF2P/ACTN1
 14q24. 1, 69256001, 69925000, 1, SFRS5/SLC10A1/LOC646541/SMOC1/RPL7AP6/SLC8A3/LOC646548/ADAM21P/C14orf112/SYNJ2BP
 14q24. 2, 70239001, 71980000, 1, MAP3K9/PCNX/PTTG4P/RNU56B/SIPA1L1/RGS6
 14q31. 1, 81939001, 82576000, 1, ENSAP2
 14q31. 3, 89078001, 89080000, 1, NA
 14q32. 2, 100802001, 101312000, 1, DIO3/LOC122423/RPL26P4/C14orf72
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 15q11. 2, 21936001, 21938000, 1, NA
 15q14, 35529001, 35531000, 1, NA
 15q15. 1, 40713001, 41571000, 1, LOC645106/LOC645111/STARD9/CDAN1/TTBK2/LOC645127/LOC390580/UBR1/LOC146053/TMEM62/CCNDBP1/EPB42/TGM5/LOC390581/TGM7/LCMT2/ADAL/ZNF690/LOC440277/76P/TP53BP1
 15q15. 1, 41599001, 41976000, 1, MAP1A/HISPPD2A/CKMT1B/STRC/CATSPER2/LOC554224/CKMT1A/LOC554225/LOC440278/PDIA3/ELL3/SERF2/SERINC4/HYPK/MFAP1/WDR76/FRMD5
 15q21. 1, 45007001, 45025000, 1, NA
 15q21. 2, 52201001, 52356000, 1, UNC13C
 15q21. 2, 52839001, 52844000, 1, NA
 15q21. 3, 55653001, 56119000, 1, Gcom1/GRINL1A/ALDH1A2
 15q22. 2, 59912001, 59950000, 1, VPS13C
 15q22. 2, 60060001, 60062000, 1, VPS13C
 15q23, 69071001, 69073000, 1, LRRC49
 15q23, 72503001, 73022000, 1, SEMA7A/UBL7/ARID3B/CLK3/YJDC/LOC646748/CYP1A1/CYP1A2/CSK/LMAN1L/CPLX3/ULK3/SCAMP2/MPI/C15orf17/COX5A
 15q24. 1, 73044001, 73046000, 1, NA
 15q25. 1, 80445001, 80450000, 1, NA
 15q26. 1, 89745001, 91043000, 1, LOC441732/SLC03A1/DUXAP6/NPM1P5/ST8SIA2/C15orf32/LOC400451
 15q26. 1, 91045001, 91098000, 1, LOC643790/LOC643797/LOC388177
 15q26. 3, 99798001, 99800000, 1, PCSK6
 16p13. 3, 1751001, 3216000, 1, MAPK8IP3/NME3/MRPS34/EME2/SPSB3/NUBP2/IGFALS/HAGH/FAHD1/MGC35212/HS3ST6/SEPX1/RPL3L/NDUFB10/RPS2/ACA10/RNU64/RNF15

1/TBL3/NOXO1/GFER/SYNGR3/ZNF598/NPW/SLC9A3R2/NTHL1/TSC2/PKD1/RAB26/TRAF7/CASKIN1/GBL/MGC21830/E4F1/DNASE1L2/DCI/RNPS1/ABCA3/LOC441744/LOC645923/LOC390669/LOC645941/CCNF/FLJ13909/NTN2L/KIAA1171/ATP6VOC/CGI-14/PDPK1/LOC124216/LOC653650/LOC645644/LOC283874/KCTD5/PRSS27/SRRM2/TCEB2/LOC246718/PRSS33/TESSP1/PRSS21/LOC124220/MGC52282/PRSS22/LOC114984/FLYWCH1/PAQR4/KREMEN2/PKMYT1/LOC646046/CLDN9/LOC653693/CLDN6/TNFRSF12A/HCF1R1/WDR58/LOC146439/MMP25/MMPL1/IL32/LOC646064/ZNF206/ZNF205/LOC440334/ZNF213/LOC197350/OR1F1/OR1F2/ZNF200
 16p13. 3, 3780001, 4505000, 1, CREBBP/ADCY9/SRL/TFAP4/LOC646237/GLIS2/Magmas/COR07/SLITL2/DNAJA3/HSCARG/HMOX2/C16orf5
 16p13. 3, 4507001, 4794000, 1, LOC342346/FAM100A/MGRN1/NUDT16L1/KIAA1977/LOC146562/ZNF500/FLJ25410/LOC440335/FLJ22386/N-PAC
 16p13. 13, 11642001, 11931000, 1, SNN/TXNDC11/ZC3H7A/RSL1D1/GSPT1/COX6CP1/LOC646552
 16p13. 13, 11934001, 11964000, 1, NA
 16p13. 11, 15156001, 15680000, 1, LOC653772/LOC440341/FLJ39599/C16orf45/LKAP/NDE1
 16p13. 11, 15962001, 16196000, 1, ABCC1/ABCC6
 16p13. 11, 16237001, 17469000, 1, NOM3/LOC339047/PKD1P1/PKD1P2/LOC653776/LOC441750/XYLT1
 16p12. 3, 18803001, 18816000, 1, SMG1
 16p12. 3, 18821001, 18840000, 1, SMG1
 16p12. 3, 19133001, 19513000, 1, SYT17/UNQ5810/LOC646769/TMC5/MIR16/CP110/MGC16824
 16p12. 3, 19515001, 20625000, 1, MGC16824/LOC400506/MGC35048/GPRC5B/GPR139/GP2/UMOD/PDILT/FLJ20581/LOC123876/ACSM2/LOC646805/ACSM1
 16p12. 3, 20749001, 22203000, 1, LOC81691/DCUN1D3/LOC57149/DNAH3/LOC57146/ZP2/FLJ38819/CRYM/FLJ41766/LOC646823/LOC440352/IMAA/LOC646828/DREV1/IGSF6/OTOA/LOC94431/LOC646834/LOC23117/LOC440345/LOC342293/UQCRC2/MGC50721/C16orf52/LOC146177/LOC390683/EEF2K
 16p12. 1, 26043001, 26937000, 1, NA
 16p11. 2, 28551001, 28841000, 1, LOC653370/LOC653798/LOC647015/LOC441752/EIF3S8/LOC647022/LOC653373/LOC653800/ATXN2L/TUFM/SH2B/ATP2A1/RABEP2
 16p11. 2, 30455001, 31195000, 1, MGC13138/ZNF688/FLJ32130/ZNF689/MGC3121/FBS1/SRCAP/PHKG2/LOC90835/RNF40/ZNF629/LOC647086/BCL7C/CTF1/LOC647088/LOC283932/FBXL19/MGC13024/KIAA0339/HSD3B7/STX1B2/STX4A/ZNF668/ZNF646/VKORC1/LOC647097/BCKDK/MYST1/PRSS8/PRSS36/LOC647100/FUS/LOC493829/PYCARD/PYDC1/ITGAM
 16p11. 2, 31199001, 31579000, 1, ITGAM/ITGAX/ITGAD/COX6A2/MGC46336/ARMC5/TGFB1I1/SLC5A2/FLJ13868/ERAF/LOC647108/LOC647110/LOC440359/LOC342426
 16p11. 2, 31581001, 31671000, 1, MGC3020/LOC124411
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16q21, 58743001, 58751000, 1, NA
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 16q22. 1, 66755001, 68171000, 1, NFATC3/RBM35B/LYPLA3/SLC7A6/SLC7A6OS/PRMT7/SMPD3/LOC643895/ZFP90/CDH3/CDH1/LOC645198/FLJ12688/FLJ12331/HAS3/DERP C/CIRH1A/SNTB2/VPS4A/COG8/PDF/NIP7/TMED6/TERF2/CYB5-M/NFAT5
 16q22. 1, 69749001, 71327000, 1, HYDIN/FLJ11171/CALB2/LOC390738/ZNF23/LOC645396/ZNF19/CHST4/TAT/MARVELD3/PHLPPL/AP1G1/BOAT/LOC146517/LOC55565/KIAA0174/PKD1L3/LOC645443/DHODH/HP/HPR/TXNL4B/DHX38/PMFBP1/LOC390739/LOC645478/LOC342374
 16q23. 1, 74339001, 74483000, 1, NA
 16q23. 1, 74488001, 76061000, 1, LOC441775/CNTNAP4/LOC645873/MON1B/ADAMTS18
 16q23. 3, 84158001, 85010000, 1, KIAA0182/Pfs2/MGC17624/COX4NB/LOC646365/COX4I1/LOC401863/IRF8/DKFZp43400320
 16q24. 3, 89348001, 89352000, 1, NA
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 17p13. 2, 4850001, 5342000, 1, KIF1C/GPR172B/ZFP3/ZNF232/LOC643247/USP6/ZNF594/UNQ5783/RABEP1/NUP88/RIP/C1QBP/DHX33/DERL2/MIS12
 17p13. 1, 7483001, 7881000, 1, ATP1B2/TP53/WDR79/EFNB3/DNHD3/JMJD3/TMEM88/LSMD1/CYB5D1/CHD3/LOC284023/KCNAB3/TRAPPC1/LIP8/GUCY2D
 17p11. 2, 17286001, 17288000, 1, NA
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 17p11. 2, 20903001, 20906000, 1, NA
 17q11. 2, 26794001, 26796000, 1, RAB11FIP4
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 17q11. 2, 28791001, 29655000, 1, LOC646157/LOC646202/LOC653714/CCL2/CCL7/CC L11
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 17q21. 2, 39848001, 40598000, 1, KIAA0553/FZD2/FLJ35848/CCDC43/DRF1/ADAM11/GJA7/HIGD1B/EFTUD2/LOC388389/GFAP/LOC146909/C1QL1/DCAKD/NMT1/PLCD3/ACB D4/HEXIM1/HEXIM2
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 17q21. 32, 47004001, 48378000, 1, CA10/LOC644946/LOC645134/LOC645152
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 17q25. 1, 73773001, 74732000, 1, SOCS3/DNAH17/DNAHL1/PSCD1/USP36/LOC643678/TIMP2/LGALS3BP/CANT1/C1QTNF1/FLJ21865
 17q25. 3, 76967001, 78044000, 1, LOC643982/BAHCC1/LOC644012/ACTG1/FSCN2/C17orf70/NPL4/TSPAN10/PDE6G/MGC16597/LOC339229/ARL16/HGS/MRPL12/SLC25A10/DYSFIP1/P4HB/ARHGDI1/THOC4/ANAPC11/NPB/PCYT2/SIRT7/MAFG/PYCR1/LOC255275/NOTUM/ASPSCR1/STRA13/LRRC45/RAC3/DCXR/RFNG/GPS1/DUS1L/FASN/FLJ23754/CCDC57/SLC16A3/CSNK1D/CD7/SECTM1/FLJ35767/UTS2R/FLJ22222/HEXDC/C17orf62/NARF
 17q25. 3, 78322001, 78367000, 1, TBCD
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 18p11. 31, 2918001, 2997000, 1, LPIN2/LOC642478
 18p11. 31, 3255001, 4491000, 1, MRLC2/IGLJCOR18/TGIF/DLGAP1/LOC645256/LOC388458
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 18q12. 2, 32908001, 32931000, 1, KIAA1328
 18q12. 2, 36908001, 36936000, 1, NA
 18q21. 1, 45395001, 45397000, 1, NA
 18q21. 32, 56620001, 56623000, 1, NA
 18q23, 74727001, 74729000, 1, NA
 19p13. 3, 1037001, 1039000, 1, HMHA1
 19p13. 3, 1274001, 2103000, 1, MUM1/NDUFS7/GAMT/DAZAP1/RPS15/APC2/C19orf25/PCSK4/C19orf32/THSD6/LOC126520/RKHD1/MBD3/UQCR/TCF3/LOC390874/ATP8B3/RFX01/KLF16/C19orf27/SCAMP4/LOC113179/C19orf34/CSNK1G2/BTBD2/MKNK2/MOBKL2A/C19orf36/AP3D1
 19p13. 3, 3053001, 3121000, 1, GNA11/LOC390876/GNA15
 19p13. 3, 3976001, 4528000, 1, PIAS4/ZBTB7A/MAP2K2/CREB3L3/SIRT6/ANKRD24/EBI3/FLJ10374/SHD/MGC23244/FSD1/STAP2/FLJ14981/SH3GL1/CHAF1A/UBXD1/HDGF2/LOC440503/LRG1/SEMA6B
 19p13. 3, 6413001, 6762000, 1, CRB3/DENND1C/TUBB4/TNFSF9/TNFSF7/LOC645621/TNFSF14/C3/GPR108/TRIP10/SH2D3A/VAV1
 19p13. 2, 8027001, 8550000, 1, CCL25/FBN3/LASS4/CD320/NDUFA7/RPS28/ANKRD47/ANGPTL4/RAB11B/MARCH2/HNRPM/PRAM1/LOC645839/ZNF414/MYO1F
 19p13. 2, 11778001, 12449000, 1, ZNF491/ZNF440/ZNF439/ZNF69/LOC644789/ZNF700/ZNF440L/ZNF433/FLJ14959/FLJ46419/ZNF20/ZNF625/ZNF136/ZNF44/ZNF563/ZNF442/MGC71805/HIT-40/ZNF443/ZNF709
 19p13. 12, 14626001, 14683000, 1, EMR3/ZNF333
 19p13. 12, 14734001, 15800000, 1, EMR2/LOC646501/OR7C1/OR7A5/OR7A10/OR7A8P/OR7A2P/OR7A17/OR7A18P/OR7A1P/OR7A3P/OR7A11P/OR7A15P/OR7C2/SLC1A6/FLJ40365/CASP14/OR11I1/SYDE1/ILVBL/OR10B1P/NOTCH3/ABHD9/BRD4/AKAP8/AKAP8L/WIZ/FLJ21438/PGLYRP2/FLJ39501/LOC390896/LOC401904/CYP4F8/CYP4F3/LOC646575/CYP4F12/OR10H2/OR10H3/LOC388514/OR10H5/OR10H1
 19p13. 12, 16025001, 16661000, 1, TPM4/RAB8A/HSH2D/CIB3/FAM32A/AP1M1/KLF2/E

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19p13. 11, 16665001, 16917000, 1, LOC284434/SIN3B/F2RL3/CPAMD8
19p13. 11, 18143001, 18496000, 1, IFI30/FKSG24/RAB3A/PDE4C/LOC653774/KIAA16
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19p12, 24009001, 24011000, 1, NA
19q13. 11, 34307001, 34590000, 1, UQCRFS1/LOC284395
19q13. 12, 36726001, 36824000, 1, NA
19q13. 12, 38282001, 39058000, 1, GPATC1/LOC126248/LRP3/SLC7A10/CEBPA/FLJ12
355/LOC126242/CEBPG/PEPD/LOC388532/CHST8/KCTD15
19q13. 31, 45165001, 45760000, 1, PSMC4/ZNF546/LOC163131/LOC284323/MAP3K10/
TTC9B/FLJ13265/AKT2/LOC644853/FLJ36888/PLD3/HIPK4/PRX/SERTAD1/SERTAD3/
BLVRB/SPTBN4
19q13. 33, 48886001, 49111000, 1, IRGC/FLJ12886/KCNN4/LYPD5/ZNF283/ZNF404/Z
NF45
19q13. 33, 49376001, 49468000, 1, ZNF227/ZNF233
19q13. 33, 49470001, 50228000, 1, ZNF233/ZNF235/MRPS15P2/ZNF228/ZNF285/ZNF2
29/LOC147711/ZNF180/CEACAM20/FLJ41856/LOC147710/PVR/CEACAM19/CEACAM16/
BCL3/CBLC/BCAM/PVRL2/TOMM40/APOE/APOC1/APOC4/APOC2/CLPTM1/RELB
20p13, 1350001, 2127000, 1, NSFL1C/PTPNS1L3/LOC642697/PTPNS1L2/SIRPB1/SIRP
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20q11. 21, 30157001, 30162000, 1, NA
20q12, 39751001, 39758000, 1, NA
20q13. 33, 62554001, 62570000, 1, NA
21q11. 2, 15745001, 16334000, 1, CYCSP42/USP25
21q21. 3, 30698001, 30700000, 1, NA
21q22. 11, 34924001, 34928000, 1, NA
21q22. 13, 38887001, 38893000, 1, ERG
21q22. 3, 46272001, 46724000, 1, COL6A2/FTCD/C21orf56/LSS/MCM3AP/C21orf57/C
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22q11. 21, 18212001, 18295000, 1, GNB1L/FLJ21125/TXNRD2
22q12. 3, 33255001, 33259000, 1, NA
22q13. 1, 38202001, 38643000, 1, MGAT3/FLJ20232/ATF4/S19BP/CACNA1I/FLJ25421
/GRAP2
22q13. 1, 38888001, 39084000, 1, TNRC6B/ADSL
22q13. 2, 43172001, 43174000, 1, NA