

| NPDR Rank | rs-num | Chromosome | Ensembl Gene IDs | Missense Variant | Synonymous Variant | 5 Prime UTR Variant | 3 Prime UTR Variant | Non-coding Transcript Exon Variant | Intron Variant | NMD Transcript Variant | Non-coding Transcript Variant | Upstream Gene Variant | Downstream Gene Variant |
|-----------|------------|------------|--------------------------|------------------|--------------------|---------------------|---------------------|------------------------------------|----------------|------------------------|-------------------------------|-----------------------|-------------------------|
| 1 | rs4588246 | 2 | RN7SKP141 | | | | | | | | | | X |
| 2 | rs10937067 | 3 | AC007547.1 | | | | | | | | | X | |
| 3 | rs13170066 | 5 | MAST4 | | | | | | X | | X | | |
| 4 | rs4613744 | 5 | MIR583HG,AC104123.1 | | | | | | X | | X | | |
| 5 | rs16901512 | 8 | FAM84B,PCAT1 | | | | | | X | | X | X | |
| 6 | rs10997355 | 10 | CTNNA3 | | | | | | X | | | | |
| 7 | rs11061894 | 12 | WNT5B | | | | | | X | | | X | X |
| 8 | rs16909912 | 12 | PLBD1 | | | | | | X | | | | X |
| 9 | rs1259744 | 12 | AC023050.3,LINC02422 | | | | | | | | | X | |
| 10 | rs12322049 | 12 | | | | | | | | | | | |
| 11 | rs7297446 | 12 | TESC | | | | | | X | X | X | | |
| 12 | rs9319336 | 13 | | | | | | | | | | | |
| 13 | rs17711848 | 15 | THSD4,THSD4-AS1 | | | | | | X | | X | | |
| 14 | rs4312323 | 16 | COX6A2,ITGAD,AC026471.5 | | | | | | X | | X | X | X |
| 15 | rs16964218 | 16 | HMGB3P32 | | | | | | | | | | X |
| 16 | rs11864545 | 16 | | | | | | | | | | | |
| 17 | rs8133859 | Not found | | | | | | | | | | | |
| 18 | rs7907056 | 10 | COL13A1,N/A | | | | | | X | X | | | X |
| 19 | rs6055274 | 20 | | | | | | | | | | | |
| 20 | rs732985 | 1 | AL513218.1,ZFYVE9,CC2D1B | | | | | | X | | X | X | X |
| 21 | rs17052218 | 8 | AC120193.1 | | | | | | X | | X | | |
| 22 | rs12775535 | 10 | | | | | | | | | | | |
| 23 | rs10104915 | 8 | | | | | | | | | | | |
| 24 | rs35469947 | 1 | RAB4A,SPHAR | | | | | | X | | X | X | |
| 25 | rs7828453 | 8 | AC104248.1 | | | | | | X | | X | | |
| 26 | rs2919463 | 18 | | | | | | | | | | | |
| 27 | rs9498070 | 6 | | | | | | | | | | | |
| 28 | rs9828643 | 3 | CADPS | | | | | | X | | | | |
| 29 | rs16880351 | 5 | ITGA1 | | | | | | X | | | | |
| 30 | rs10174268 | 2 | CDKL4 | | | | | | X | X | | | |
| 31 | rs237157 | 16 | | | | | | | | | | | |
| 32 | rs8083143 | 18 | | | | | | | | | | | |
| 33 | rs3811010 | 1 | VANGL1 | | | | X | | | | | | X |
| 34 | rs16987299 | 19 | ZNF471 | | | | | | X | | X | | |

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| 35 | rs2291563 | 7 | FLNC | X | | | | | | X | |
| 36 | rs11684771 | 2 | SLC39A10 | | | | | X | X | | X |
| 37 | rs17307771 | 11 | | | | | | | | | |
| 38 | rs7273854 | 20 | MACROD2 | | | | | X | | X | |
| 39 | rs9721595 | 9 | PTPRD,N/A | | | | | X | | | |
| 40 | rs2584684 | 17 | AC091180.5 | | | | | X | | X | |
| 41 | rs12457791 | 18 | SLC14A2 | | | | | X | | | |
| 42 | rs17617270 | 5 | OR2V2 | X | | | | | | | |
| 43 | rs17047682 | 1 | TGFB2,TGFB2-AS1 | | | | | X | | X | X |
| 44 | rs10166395 | 2 | SOS1 | | | X | | | | | X |
| 45 | rs1403755 | 18 | KLHL14 | | | | | X | | | |
| 46 | rs12482506 | 21 | UMODL1,UMODL1-AS1 | | | | X | X | X | X | |
| 47 | rs3212994 | 13 | F10,F7 | | X | | | | | | X |
| 48 | rs17509986 | 13 | | | | | | | | | |
| 49 | rs10202944 | 2 | | | | | | | | | |
| 50 | rs17087294 | 5 | | | | | | | | | |
| 51 | rs10921224 | 1 | RGS13 | | | | | | | | X |
| 52 | rs12311074 | 12 | AC080011.1 | | | | | | | | X |
| 53 | rs4652696 | 1 | LINC01344 | | | | | X | | X | |
| 54 | rs7802493 | 7 | | | | | | | | | |
| 55 | rs16877813 | 5 | TENT4A | | | | | X | | | |
| 56 | rs7841058 | 8 | CLVS1 | | | | | X | | | X |
| 57 | rs10463537 | 5 | | | | | | | | | |
| 58 | rs7780294 | 7 | FAM71F1,CALU | | | | | | | | X |
| 59 | rs2901092 | 1 | AL021068.1,SLC19A2 | | | | | | | | X |
| 60 | rs6891871 | 5 | AC104123.1 | | | | | X | | X | |
| 61 | rs6597712 | 10 | | | | | | | | | |
| 62 | rs35300823 | 19 | GPR32 | X | | | | | | | |
| 63 | rs13440299 | 9 | GABBR2 | | | | | X | | X | |
| 64 | rs328389 | 16 | | | | | | | | | |
| 65 | rs7921825 | 10 | | | | | | | | | |
| 66 | rs1849873 | 2 | | | | | | | | | |
| 67 | rs2274457 | 10 | ITIH2,N/A | | | | | X | | | X |
| 68 | rs10227178 | 7 | AC005008.2 | | | | | X | | X | |
| 69 | rs12927245 | 16 | | | | | | | | | |
| 70 | rs12075616 | 1 | FGGY | | | | | X | X | X | |
| 71 | rs2833292 | 21 | TIAM1 | | | | | X | | | X |
| 72 | rs10010440 | 4 | LINC02511 | | | | | X | | X | |
| 73 | rs2058032 | 12 | MIR3649 | | | | | | | | X |
| 74 | rs1014161 | Not found | | | | | | | | | |
| 75 | rs8072874 | 17 | AFMID | | | | | X | X | X | X |
| 76 | rs11902011 | 2 | | | | | | | | | |
| 77 | rs2242816 | 21 | DOPEY2 | | | | | X | | X | |

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| 78 | rs7748192 | 6 | | | | | | | | | | | |
| 79 | rs640794 | 19 | N/A,RASIP1 | X | | | | X | | | | X | X |
| 80 | rs10186120 | 2 | | | | | | | | | | | |
| 81 | rs1357013 | 3 | ULK4,RF00096 | | | | | X | | | | X | X |
| 82 | rs2574952 | 10 | | | | | | | | | | | |
| 83 | rs11214110 | 11 | BCO2,TEX12,AP002884.3,AP002884.2 | | | | | X | X | X | X | X | X |
| 84 | rs2582530 | 14 | PLD4 | | | | | | | | | X | |
| 85 | rs7701308 | Not found | | | | | | | | | | | |
| 86 | rs10141529 | 14 | | | | | | | | | | | |
| 87 | rs6467310 | 7 | COPG2 | | | | | X | | | | | |
| 88 | rs6678204 | 1 | SMYD3 | | | | | X | | X | | | |
| 89 | rs974562 | 16 | | | | | | | | | | | |
| 90 | rs1399589 | 21 | KCNJ6 | | | | | X | | | | | |
| 91 | rs10056574 | 5 | | | | | | | | | | | |
| 92 | rs1270870 | 18 | SMCHD1,AP001011.1 | | | | | X | | X | | | |
| 93 | rs9333185 | 10 | ITGA8 | | | | | X | | | | | |
| 94 | rs17706832 | 11 | | | | | | | | | | | |
| 95 | rs11928500 | 3 | AC018495.1 | | | | | | | | | | X |
| 96 | rs16993685 | 19 | | | | | | | | | | | |
| 97 | rs4846366 | 1 | | | | | | | | | | | |
| 98 | rs895331 | 19 | AC016586.1,ZBTB7A | | | | | X | | | | | X |
| 99 | rs17098491 | 14 | | | | | | | | | | | |
| 100 | rs7916508 | 10 | LGI1,AL157396.1 | | | | | X | X | | X | X | X |