

Supplementary material

Genes targeted on retinopathy NGS panel.

ABCA4, ABCC6, ABCD1, ABHD12, ACO2, ADAM9, ADGRV1, AHI1, AIPL1, ALMS1, AMACR, ARL13B, ARL6, ATF6, B9D1, B9D2, BBS1, BBS10, BBS12, BBS2, BBS4, BBS5, BBS7, BBS9, BEST1, C12orf65, C1QTNF5, C2orf71, C5orf42, C8orf37, CA4, CABP4, CACNA1F, CACNA2D4, CASK, CC2D2A, CDH23, CDH3, CDHR1, CEP290, CEP41, CERKL, CFH, CHM, CIB2, CISD2, CLN3, CLN5, CLN6, CLN8, CLRN1, CNGA1, CNGB1, CNGB3, CNNM4, CRB1, CRX, CTSD, CYP4V2, DHDDS, DNAJC5, EFEMP1, ELOVL4, EYS, FAM161A, FLVCR1, FRMD7, FSCN2, FZD4, GDF6, GJB2, GJB6, GNAT1, GNAT2, GNPTG, GPR143, GPR179, GRK1, GRM6, GRN, GUCA1A, GUCA1B, GUCY2D, HARS, HGSNAT, HK1, HMCN1, HMX1, IDH3B, IFT140, IMPDH1, IMPG2, IQCB1, ITM2B, KCNJ13, KCNV2, KCTD7, KIF7, KLHL7, LAMA1, LCA5, LRAT, LRP5, LZTFL1, MAK, MERTK, MFN2, MFRP, MFSD8, MKKS, MKS1, MMACHC, MVK, MYO7A, NDP, NEUROD1, NMNAT1, NPHP1, NPHP3, NPHP4, NR2F1, NRL, NYX, OAT, OFD1, OPA1, OPA3, OPN1LW, OPN1MW, OTX2, PAX6, PCDH15, PDE6A, PDE6B, PDE6C, PDE6G, PDE6H, PDZD7, PEX1, PEX10, PEX11B, PEX12, PEX13, PEX14, PEX16, PEX19, PEX2, PEX26, PEX3, PEX5, PEX6, PEX7, PHYH, PITPNM3, PNPLA6, PPT1, PRCD, PROM1, PRPF3, PRPF31, PRPF6, PRPF8, PRPH2, PRPS1, RAB28, RAX2, RBP3, RBP4, RD3, RDH12, RDH5, RGR, RGS9, RGS9BP, RHO, RIMS1, RLBP1, ROM1, RP1, RP1L1, RP2, RP9, RPE65, RPGR, RPGRIP1, RPGRIP1L, RS1, SAG, SDCCAG8, SEMA4A, SLC24A1, SNRNP200, SPATA7, TCTN1, TCTN2, TEAD1, TIMM8A, TIMP3, TMEM126A, TMEM138, TMEM216, TMEM237, TMEM67, TOPORS, TPP1, TRIM32, TRPM1, TSPAN12, TTC21B, TTC8, TUBGCP4, TUBGCP6, TULP1, TYR, UNC119, USH1C, USH1G, USH2A, VPS13B, WDPCP, WDR19, WFS1, WHRN, and ZNF513