

Genpanel Intellektuell funktionsnedsättning

Version 3.0

987 gener

AAAS, AARS, AASS, ABCC9, ABCD1, ABCD4, ABHD5, ACAD9, ACADM, ACADS, ACO2, ACOX1, ACSL4, ACTB, ACTG1, ACTL6A, ACTL6B, ACY1, ADAR, ADAT3, ADGRG1, ADK, ADNP, ADSL, AFF2, AFF4, AFG3L2, AGA, AGPS, AHDC1, AHI1, AIFM1, AIMP1, AKT3, ALDH18A1, ALDH3A2, ALDH4A1, ALDH5A1, ALDH7A1, ALG1, ALG11, ALG12, ALG13, ALG3, ALG6, ALG8, ALMS1, AMER1, AMPD2, AMT, ANKH, ANKRD11, AP1S1, AP1S2, AP3B1, AP3B2, AP4B1, AP4E1, AP4M1, AP4S1, APOPT1, ARCN1, ARFGEF2, ARG1, ARHGEF9, ARID1A, ARID1B, ARID2, ARL13B, ARL6, ARMC9, ARSA, ARSB, ARSE, ARV1, ARX, ASAH1, ASH1L, ASL, ASNS, ASPA, ASPM, ASS1, ASXL1, ASXL2, ASXL3, ATAD3A, ATIC, ATL1, ATM, ATP13A2, ATP1A1, ATP6AP2, ATP6V0A2, ATP6V1A, ATP6V1B2, ATP7A, ATP8A2, ATR, ATRX, AUH, AUTS2, B3GALNT2, B3GLCT, B4GALNT1, B4GALT7, BBS1, BBS10, BBS12, BBS2, BBS4, BBS5, BBS7, BBS9, BCAP31, BCKDHA, BCKDHB, BCKDK, BCL11A, BCL11B, BCOR, BCS1L, BLM, BMP4, BOLA3, BPTF, BRAF, BRAT1, BRD4, BRF1, BRPF1, BRWD3, BSCL2, BTB, BUB1B, C12orf4, C12orf57, C12orf65, CA2, CA8, CACNA1A, CACNA1C, CACNA1D, CACNA1E, CACNA1G, CAMK2A, CAMK2B, CAMTA1, CASK, CBL, CBS, CC2D1A, CC2D2A, CCBE1, CCDC22, CCDC47, CCDC88C, CCND2, CDC42, CDC6, CDH11, CDH15, CDK10, CDK13, CDK5RAP2, CDK8, CDKL5, CDON, CENPF, CENPJ, CEP135, CEP152, CEP290, CEP41, CEP57, CEP83, CHAMP1, CHD2, CHD3, CHD4, CHD7, CHD8, CHKB, CHMP1A, CIC, CIT, CKAP2L, CLCN4, CLN3, CLN5, CLN6, CLN8, CLP1, CLPB, CLTC, CNKSR2, CNNM2, CNOT1, CNOT3, CNTNAP2, COASY, COG1, COG4, COG5, COG6, COG7, COG8, COL4A1, COL4A2, COL4A3BP, COLEC11, COQ4, COQ8A, COX10, COX15, COX6B1, CPLANE1, CPS1, CRADD, CRB2, CREBBP, CSNK2A1, CSNK2B, CSPP1, CSTB, CTC1, CTCF, CTDTP1, CTNNA2, CTNNB1, CTSA, CTSD, CUL4B, CUX2, CWF19L1, CYB5R3, CYC1, CYP2U1, D2HGDH, DAG1, DARS, DARS2, DBT, DCAF17, DCHS1, DCX, DDC, DDHD2, DDOST, DDX11, DDX3X, DEAF1, DEPDC5, DHCR24, DHCR7, DHDDS, DHFR, DHTKD1, DHX30, DIAPH1, DIS3L2, DKC1, DLD, DLG3, DMD, DNAJC12, DNAJC19, DNM1, DNMT3A, DNMT3B, DOCK3, DOCK6, DOCK7, DOCK8, DOLK, DPAGT1, DPF2, DPM1, DPP6, DPYD, DYM, DYNC1H1, DYRK1A, EBF3, EBP, EED, EEF1A2, EFTUD2, EHMT1, EIF2AK3, EIF2S3, EIF3F, EIF4A3, ELAC2, ELOVL4, ELP2, EML1, EMX2, EP300, EPG5, ERCC1, ERCC2, ERCC3, ERCC5, ERCC6, ERCC6L2, ERCC8, ERLIN2, ESCO2, ETFA, ETFB, ETFDH, ETHE1, EXOSC3, EXTL3, EZH2, FAM111A, FAM126A, FAM20C, FAR1, FAT4, FBXL4, FBXO11, FGD1, FGF12, FH, FIG4, FKRP, FKTN, FLNA, FLVCR1, FLVCR2, FMN2, FMR1, FOLR1, FOXG1, FOXP1, FOXP2, FOXRED1, FTCD, FTSJ1, FUCA1, FUT8, GABRA1, GABRB2, GABRB3, GABRG2, GALC, GALE, GALT, GAMT, GATAD2B, GATM, GCDH, GCH1, GDI1, GFAP, GFER, GFM1, GJC2, GK, GLB1, GLDC, GLI2, GLI3, GLIS3, GLUL, GLYCTK, GM2A, GMPPA, GMPPB, GNAI1, GNAO1, GNAS, GNB1, GNPAT, GNPTAB, GNPTG, GNS, GPAA1, GPC3, GPSM2, GRIA3, GRIA4, GRID2, GRIK2, GRIN1, GRIN2A, GRIN2B, GRIN2D, GRM1, GTF2H5, GTPBP2, GTPBP3, GUSB, HACE1, HADH, HADHA, HCCS, HCFC1, HCN1, HDAC4, HDAC8, HECW2, HEPACAM, HERC1, HESX1, HEXA, HEXB, HGSNAT, HIBCH, HIST1H1E, HIVEP2, HLCS, HMGCL, HNRNPH2, HNRNPK, HNRNPU, HOXA1, HPD, HPRT1, HRAS, HSD17B10, HSD17B4, HSPD1, HTRA2, HUWE1, HYLS1, IARS, IBA57, IDH2, IDS, IDUA, IER3IP1, IFIH1, IFT172, IGF1, IGF1R, IKBKG, IL1RAPL1, INPP5E, INPP5K, INTS1, IQSEC2, IRF2BPL, IRX5, ISPD, ITPR1, IVD, JAM3, KANSL1, KARS, KAT6A, KAT6B, KCNA2, KCNB1, KCNC1, KCNC3, KCNH1, KCNJ10, KCNJ11, KCNJ6, KCNK9, KCNQ2, KCNQ3, KCNQ5, KCNT1, KCTD7, KDM1A, KDM5B, KDM5C, KDM6A, KIAA0586, KIAA1109, KIDINS220, KIF11, KIF1A, KIF1BP, KIF5A, KIF5C, KIF7, KMT2A, KMT2C, KMT2D, KMT2E, KMT5B, KNL1, KPTN, KRAS, L1CAM, L2HGDH, LAMA1, LAMA2, LAMB1, LAMC3, LAMP2, LARGE1, LARP7, LGI4, LIG4, LINS1, LONP1, LRP2, LRPPRC, LZTR1, MAB21L1, MAB21L2, MACF1, MAF, MAGEL2,

MAN1B1, MAN2B1, MANBA, MAOA, MAP2K1, MAP2K2, MAPK8IP3, MASP1, MAST1, MAT1A, MBD5, MBOAT7, MBTPS2, MCCC1, MCCC2, MCM3AP, MCOLN1, MCPH1, MDH2, MECP2, MED12, MED13L, MED17, MED23, MEF2C, MEIS2, METTL23, MFF, MFSD8, MGAT2, MGP, MICU1, MID1, MKKS, MKS1, MLC1, MLYCD, MMAA, MMAB, MMACHC, MMADHC, MMUT, MOCS1, MOCS2, MOGS, MPDU1, MPI, MPLKIP, MRPS22, MSL3, MSMO1, MTHFR, MTOR, MTR, MTRR, MVK, MYCN, MYO5A, MYT1L, NAA10, NAA15, NACC1, NAGA, NAGLU, NALCN, NANS, NBEA, NDE1, NDP, NDST1, NDUFA1, NDUFS1, NDUFS4, NDUFS7, NDUFS8, NDUFV1, NEU1, NEXMIF, NF1, NFIA, NFIX, NFU1, NGLY1, NHS, NIPBL, NKX2-1, NLGN3, NONO, NPC1, NPC2, NPHP1, NR2F1, NRAS, NRXN1, NSD1, NSD2, NSDHL, NSUN2, NT5C2, NTRK1, NTRK2, NUBPL, OCLN, OCRL, ODC1, OFD1, OGT, OPA3, OPHN1, OSGEF, OTC, OTUD6B, OTX2, PACS1, PACS2, PAFAH1B1, PAH, PAK3, PARN, PAX6, PAX8, PBX1, PC, PCCA, PCCB, PCDH19, PCGF2, PCNT, PDE4D, PDGFRB, PDHA1, PDHX, PDSS1, PDSS2, PEPD, PEX1, PEX10, PEX11B, PEX12, PEX13, PEX14, PEX16, PEX19, PEX2, PEX26, PEX3, PEX5, PEX6, PEX7, PGAP1, PGAP2, PGAP3, PGK1, PGM3, PHACTR1, PHF6, PHF8, PHGDH, PHIP, PIGA, PIGL, PIGN, PIGO, PIGT, PIGV, PIK3CA, PIK3R2, PLA2G6, PLAA, PLCB1, PLK4, PLP1, PLPBP, PMM2, PNKP, PNPLA6, POGZ, POLA1, POLG, POLR3A, POLR3B, POMGNT1, POMGNT2, POMT1, POMT2, PORCN, PPM1D, PPP1CB, PPP2R1A, PPP2R5D, PPT1, PQBP1, PRKD1, PRMT7, PRODH, PRPS1, PRSS12, PRUNE1, PSAP, PSMD12, PSPH, PTCH1, PTCHD1, PTDSS1, PTEN, PTF1A, PTPN11, PTPN23, PTS, PUF60, PURA, PUS1, PYCR1, PYCR2, QARS, QDPR, QRIH1, RAB11B, RAB18, RAB23, RAB39B, RAB3GAP1, RAB3GAP2, RAC1, RAD21, RAF1, RAI1, RARB, RARS2, RBBP8, RBM10, RELN, RERE, RFT1, RHOTB2, RIT1, RLIM, RMND1, RNASEH2A, RNASEH2B, RNASEH2C, RNASET2, RNF125, ROGDI, ROR2, RORA, RPRG1L, RPL10, RPS6KA3, RRM2B, RTKL1, RTN4IP1, RTTN, RXYLT1, SAMD9, SAMHD1, SATB2, SC5D, SCAPER, SCN1A, SCN2A, SCN3A, SCN8A, SCO1, SCO2, SDCCAG8, SDHA, SDHAF1, SEPSECS, SERAC1, SET, SETBP1, SETD1B, SETD2, SETD5, SGPL1, SGSH, SHANK1, SHANK2, SHANK3, SHH, SHOC2, SIK1, SIL1, SIN3A, SIX3, SKI, SLC12A5, SLC12A6, SLC13A5, SLC16A2, SLC17A5, SLC19A3, SLC1A2, SLC1A4, SLC25A1, SLC25A15, SLC25A22, SLC2A1, SLC33A1, SLC35A1, SLC35A2, SLC35C1, SLC39A14, SLC39A8, SLC46A1, SLC4A4, SLC6A1, SLC6A17, SLC6A19, SLC6A3, SLC6A8, SLC6A9, SLC9A6, SLX4, SMAD4, SMARCA2, SMARCA4, SMARCB1, SMARCC2, SMARCE1, SMC1A, SMC3, SMOC1, SMPD1, SMS, SNAP29, SNRBP, SNX14, SON, SOS1, SOS2, SOX10, SOX11, SOX2, SOX3, SOX4, SOX5, SOX9, SPART, SPATA5, SPECC1L, SPG11, SPR, SPRED1, SPTAN1, SPTBN2, SRCAP, SRD5A3, SSR4, ST3GAL3, ST3GAL5, STAG1, STAG2, STAMBP, STIL, STRA6, STRADA, STX1B, STXBP1, SUCLG1, SUMF1, SUOX, SURF1, SYN1, SYNGAP1, SYNJ1, SYP, SYT1, SZT2, TAF1, TAF6, TANGO2, TAT, TAZ, TBC1D20, TBC1D23, TBC1D24, TBCD, TBCE, TBCK, TBL1XR1, TBR1, TCF20, TCF4, TCN2, TCTN2, TECPR2, TELO2, TGIF1, TH, THOC2, THOC6, THRA, TLK2, TMC01, TMEM165, TMEM216, TMEM237, TMEM240, TMEM67, TMEM70, TMEM94, TMTC3, TOE1, TPP1, TRAPPC9, TREX1, TRIM32, TRIM8, TRIO, TRIP12, TRIT1, TRMT1, TRMT10A, TSC1, TSC2, TSEN2, TSEN34, TSEN54, TSFM, TSHB, TSPAN7, TTC19, TTC37, TTC8, TTI2, TUBA1A, TUBB, TUBB2A, TUBB2B, TUBB3, TUBB4A, TUBG1, TUBGCP6, TUSC3, TWIST1, UBA5, UBE2A, UBE3A, UBE3B, UBR1, UBTF, UMPS, UNC80, UPF3B, UROC1, USP9X, VAMP1, VLDLR, VPS13B, VPS53, VRK1, WAC, WASF1, WDPCP, WDR26, WDR45, WDR45B, WDR62, WDR73, WDR81, WWOX, XRCC4, YWHAG, YY1, ZBTB18, ZBTB20, ZBTB24, ZC4H2, ZDHHC9, ZEB2, ZFYVE26, ZIC2, ZMYND11, ZNF711, ZSWIM6