



Seznam genů zahrnutých ve virtuálním panelu – Neurodegenerativní poruchy (FocusedExome)

Virtuální panel zahrnuje analýzu 390 genů:

AAAS, AARS1, AASS, ABAT, ABCA1, ABCB7, ABCD1, ABHD12, ACOX1, ACSF3, ACTB, ADAR, ADCY5, AFG3L2, AGXT, AIFM1, ALDH18A1, ALS2, ANG, ANO10, ANO3, ANXA11, AP1S1, AP1S2, AP5Z1, APOA1, APP, APTX, ARHGEF10, ARHGEF28, ARSA, ARX, ATCAY, ATL1, ATM, ATP13A2, ATP1A2, ATP1A3, ATP2B3, ATP5MC3, ATP6AP2, ATP7A, ATP7B, AUH, B4GALNT1, BAG3, BCAP31, BCKDHB, BCS1L, BICD2, BSCL2, MTRFR, C19orf12, CA8, CACNA1A, CACNA1G, CACNB4, CAMK4, CCDC88C, CD59, CIZ1, CLCN2, CLN3, CLN5, CLN6, CLN8, COASY, COL6A3, COQ2, COX10, COX15, COX6A1, CP, CPOX, CSF1R, CSTB, CTDP1, CTSD, CYP27A1, CYP7B1, DAO, DARS2, DCAF17, DCTN1, DDC, DGUOK, DHDDS, DLAT, DLD, DNAJB2, DNAJC5, DNAJC6, DNM2, DNMT1, DRP2, DST, DYNC1H1, EGR2, ECHS1, EIF2B1, EIF2B2, EIF2B3, EIF2B4, EIF2B5, EIF4G1, ELOVL4, EPM2A, ERBB4, ERCC6, ERCC8, ETFDH, EWSR1, FA2H, FAH, FAM126A, FBLN5, FBXO38, FBXO7, FGD4, FGF14, FIG4, FLVCR1, FOLR1, FOXG1, FOXRED1, FTL, FUCA1, FUS, FXN, GALC, GAN, GARS1, GBA, GBA2, GCDH, GDAP1, GFAP, GCH1, GIGYF2, GJB1, GJC2, GLA, GLB1, GLRA1, GLRB, GM2A, GNAL, GNAO1, GNB4, GRID2, GRIN1, GRM1, GRN, GSN, HADHA, HADHB, HARS1, HCFC1, HEXA, HEXB, HIBCH, HINT1, HK1, HMBS, HNRNPA1, HNRNPA2B1, HNRNPH1, HPRT1, HSPB1, HSPB8, HSPD1, HTRA1, HTRA2, HTT, CHMP2B, IARS2, IFIH1, IGHMBP2, IMPDH2, INF2, ITM2B, ITPR1, JAG1, KCNA1, KCNC3, KCND3, KCNJ2, KCNK18, KCNMA1, KCNQ2, KCNQ3, KIF1A, KIF1C, KIF5A, L2HGDH, LITAF, LMNA, LRPPRC, LRRK2, LRSAM1, LYST, MAPT, MARS2, MATR3, MCM3AP, MFN2, MMACHC, MME, MPV17, MPZ, MTFMT, MTMR2, MTTP, MYH14, NAGA, NDRG1, NDUFA1, NDUFA10, NDUFA12, NDUFA2, NDUFAF5, NDUFAF6, NDUFS1, NDUFS4, NDUFS7, NDUFS8, NDUFV1, NEFH, NEFL, NEK1, NGF, NHLRC1, NKX2-1, NOTCH3, NPC1, NPC2, NR4A2, NTRK1, OCLN, OPA1, OPA3, OPTN, PANK2, PARK7, PCCA, PCCB, PDE10A, PDGFB, PDGFRB, PDHA1, PDHX, PDK3, PDYN, PET100, PEX10, PEX7, PFN1, PHYH, PIGB, PINK1, PLA2G6, PLEKHG5, PLP1, PMM2, PMP22, PNKD, PNKP, PNPLA6, PNPT1, POLG, POLR3A, POLR3B, PPOX, PPP2R5D, PRKCG, PRKRA, PRNP, PRPH, PRPS1, PRRT2, PRX, PSEN1, PSEN2, PTEN, PTPN11, PTRH2, PTS, QDPR, RAB39B, RAB7A, REEP1, RNASEH2A, RNASEH2B, RNASEH2C, RNASET2, RNF216, SACS, SAMHD1, SBF1, SBF2, SCARB2, SCN10A, SCN11A, SCN1A, SCN8A, SCN9A, SEPTIN9, SERAC1, SETX, SGCE, SH3TC2, SIGMAR1, SIL1, SLC12A6, SLC16A2, SLC19A3, SLC1A3, SLC20A2, SLC25A19, SLC25A46, SLC2A1, SLC30A10, SLC52A2, SLC52A3, SLC5A6, SLC5A7, SLC6A3, SLC6A5, SNCA, SNCB, SNX14, SOD1, SORL1, SOX10, SPAST, SPG11, SPG7, SPR, SPTLC1, SPTLC2, SRPX2, SQSTM1, SUCLA2, SUOX, SURF1, SYNJ1, TAF1, TARDBP, TARS2, TBK1, TFG, TGM6, TH, THAP1, TIMM8A, TOR1A, TPK1, TPP1, TREM2, TREX1, TRIM2, TRPA1, TRPV4, TTBK2, TTC19, TTPA, TTR, TUBB3, TUBB4A, TYMP, TYROBP, UBQLN2, UCHL1, UQCRC1, VAMP1, VAPB, VCP, VPS13A, VPS35, VRK1, WDR45, WFS1, WNK1, WWOX, XK, XPA, XRCC1, YARS1, YY1, ZFYVE26