Additional file 1. List of 277 neurodegenerative genes。

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| Dementia (AD/FTD/VD/DLB/prion disease) related genes | A2M, AAAS, ABCA1, ABCA7, ACAN, ACE, ADAM10, AKAP9, APBB3, APH1A, APOC1, APP, AR, ARMS2, ATP13A2, ATP7B, BACE1, BDNF, BLMF, BIN1, CALHM1, CASS4, CAV1, CCR3, CD33, CDH2, CD2AP, CELF1, CHAT, CLU, CR1, CRMP1, CSF1R, CST3, CTNNA3, CTSD, CYP19A1, CYP46A1, DAPK1, DNMT1, DUSP22, ECE1, EPHA1, EPHA5, EPHA6, ERMP1, ESR1, ESR2, FERMT2, FGF1, FPR2, FUS, GAB2, GALP, GAPDHS, GBA, GRIN2B, GRN, GSK3B, IDE, IL6R, ITM2B, KLK1, LRP1, LRP2, LRP6, LRPAP1, MARK8IP1, MAPT, MEF2C, MEOX2, MME, MPO, MS4A6A, MS4A6E, MTHFR, MYH13, NCSTN, NEDD9, NME8, NOS1, NOTCH3, NRG1, OGG1, OLR1, OTC, PGBD1, PICALM, PIN1, PLAU, PLCD1, PLD3, PPP2R2B, PRKARIB, PRNP, PSEN1, PSEN2, PSENEN, PTK2B, SERPINA3, RIN3, SLC24A4, SNCA, SNCB, SORL1, TARDBP, TBP, TF, TFAM, TFCP2, TMED10, TOMM40, TRAK2, TREM2, TYROBP, UNC5C, VCP, VLDLR, ZCWPW1 |
| PD genes | ADAR, ADH1C, AFG3L2, ANO3, AP1S2, APTX, ARSA, ARX, ATM, ATP13A2, ATPA3, ATP6AP2, ATP7A, ATP7B, AUH, BCAP31, BST1, C19orf12, CACNA1A, CHCHD2, CHAMP2B, CIZ1, CLN3, COASY, COMT, COQ2, COX20, CP, CYP27A1, DCAF17, DCTN1, DDC, DLAT, DNAJC6, DRD2, DRD5, EARS2, EIF4G1, ERCC6, FA2H, FASTKD2, FBX07, FOXG1, FOXRED1, FTL, GAK, GAMT, GBA, GCDH, GCH1, GIGYF2, GNAL, GSK3B, GSTO1, HEPACAM, HEXA, HMOX1, HPRT1, HTRA2, KCNMA1, KCNQ2, KIF1C, KLK6, L2HGDH, LAMP2, LRRK2, MAT1A, MC1R, MCOLN1, MECP2, MLC1, MMADHC, MOBP, MPV17, MR1, NPC1, NPC2, NR4A2, PANK2, PARK2, PARK7, PDGFRB, PDHX, PDYN, PINK1, PLA2G6, PLP1, PNKD, PNPT1, POLG, PRKAR1B, PRKRA, PRRT2, PTEN, PTS, QDPR, RAB29, RNASEH2A, RNASEH2B, RNASEH2C, SAMHD1, SCP2, SDHAF1, SERAC1, SETX, SGCE, SHC2, SLC19A3, SLC20A2, SLC25A15, SLC2A1, SLC30A10, SLC5A3, SMPD1, SNCA, SNCAIP, SNCB, SPG11, SPR, STX6, SYNJ1, TAF1, TBP, TGM6, TH, THAP1, TIMM8A, TOR1A, TUBB4A, UCHL1, VPS13A, VPS35, WDR45 |
| ALS genes | ALS2, ANG, C9orf72, CHCHD10, CHMP2B, DCTN1, ERBB4, FIG4, HNRNPA1, MATR3, NEFH, OPTN, PFN1, PRPH, SETX, SIGMAR1, SOD1, SQSTM1, UBQLN2, VAPB, VEGFA, VPS54, PRPH2, TARDBP, TBK1 |