

137 gener:

ABCD1, AFG3L2, ALS2, ANG, ANXA11, APP, AR (STR), ARSA, ATN1 (STR), ATP13A2, ATP1A3, ATP7B, ATXN1 (STR), ATXN10 (STR), ATXN2 (STR), ATXN3 (STR), ATXN7 (STR), ATXN8OS (STR), AUH, C19orf12, C9orf72 (STR), CACNA1A (STR), CACNA1G, CCNF, CHCHD10, CHCHD2, CHMP2B, CLCN2, CLN6, COASY, COL4A1, COL4A2, CP, CSF1R, CTSA, CTSF, CYLD, CYP27A1, CYP7B1, DARS2, DCTN1, DNAJC5, DNAJC6, DNMT1, EIF2B1, EIF2B2, EIF2B3, EIF2B4, EIF2B5, ELOVL4, EPM2A, ERBB4, FBXO7, FIG4, FTL, FUS, FXN (STR), GBA, GCH1, GFAP, GLA, GRN, GSN, HEXA, HEXB, HNRNPA1, HTRA1, HTT (STR), ITM2B, JPH3 (STR), KCNC3, KCND3, KIF5A, LAMB1, LRRK2, LYST, MAPT, MATR3, NHLRC1, MYORG, NIPA1 (STR), NOP56 (STR), NOTCH3, NPC1, NPC2, OPA3, OPTN, PANK2, PARK7, PDGFB, PDGFRB, PFN1, PINK1, PLA2G6, PLD3, PPP2R2B (STR), PRKN, PRKRA, PRNP, PRPH, PSEN1, PSEN2, RAB39B, RFC1 (STR), RNF216, SETX, SIGMAR1, SLC20A2, SLC30A10, SNCA, SOD1, SORL1, SPAST, SPG11, SPR, STUB1, SQSTM1, SYNJ1, TARDBP, TBK1, TBP (STR), TMEM240, TREM2, TREX1, TTC19, TTR, TUBA4A, TUBB4A, TYROBP, UBQLN2, VAPB, VCP, WDR45, VPS13A, VPS35, XPR1

varav 18 repeat expansioner:

AR, ATN1, ATXN1, ATXN10, ATXN2, ATXN3, ATXN7, ATXN8OS, C9orf72, CACNA1A, FXN, HTT, JPH3, NIPA1, NOP56, PP2R2B, RFC1, TBP