

EXPLORATION DES ATAXIES HEREDITAIRES

Liste des gènes analysés en NGS au 31/07/2019

AAAS, AARS2, ABCB7, ABCD1, ABHD12, ACO2, ADCK3, ADCK4, ADGRG1, AFG3L2, AHI1, AIMP1, ALAS2, ALG6, AMACR, AMPD2, AMT, ANO10, AP5Z1, APOA1BP, APOB, APTX, ARL13B, ARMC9, ARSA, ARX, ASL, ASS1, ATAD3A, ATAD3B, ATCAY, ATG5, ATM, ATP13A2, ATP1A2, ATP1A3, ATP2B3, ATP7B, ATP8A2, B4GALNT1, B9D1, B9D2, BCKDK, BEAN1, BOLA3, BRAF, BRF1, BTB, C10ORF2, C12ORF65, C19ORF12, C2CD3, C5ORF42, CA8, CACNA1A, CACNA1G, CACNB4, CAMTA1, CAPN1, CASK, CC2D2A, CCDC88C, CEP104, CEP120, CEP290, CEP41, CEP55, CFAP52, CHMP1A, CHP1, CLCN2, CLN5, CLN8, CLP1, CNTN5, COA7, COL18A1, COQ2, COQ4, COQ6, COQ7, COQ9, COX10, COX20, CP, CPS1, CRAT, CSPP1, CSTB, CTDP1, CTSA, CTSD, CUL4B, CWF19L1, CYP27A1, CYP7B1, DAB1, DARS2, DBT, DDB2, DKC1, DLAT, DNAJC19, DNAJC5, DNMT1, EBF3, EEF2, EIF2B1, EIF2B2, EIF2B3, EIF2B4, EIF2B5, ELOVL4, ELOVL5, EMC1, EOMES, EPM2A, EPRS, ERCC1, ERCC2, ERCC3, ERCC4, ERCC5, ERCC6, ERCC8, ERLIN1, ETFA, ETFB, ETFDH, EXOSC3, EXOSC8, FA2H, FAT2, FGF12, FGF14, FGFR3, FLVCR1, FMR1, FOLR1, FOXC1, FRMD4A, FTL, FXN, GALT, GAN, GBA, GBA2, GBE1, GCDH, GCLC, GCSH, GDAP2, GFAP, GJB1, GJC2, GLB1, GLDC, GLRX5, GM2A, GOSR2, GRID2, GRM1, GSN, HEPACAM, HEXA, HEXB, HIBCH, HPRT1, HSD17B4, HSPD1, HTRA1, IFRD1, INPP5E, ITM2B, ITPR1, KCNA1, KCNA2, KCNC1, KCNC2, KCNC3, KCND3, KCNJ10, KCNMA1, KCTD7, KIAA0556, KIAA0586, KIF1A, KIF1C, KIF26B, KIF5C, KIF7, L1CAM, L2HGDH, LAGE3, LAMA1, LITAF, LMNB1, LMNB2, LONP1, LRPPRC, LYST, MAG, MARS2, MECP2, MKS1, MLC1, MMACHC, MMADHC, MME, MPV17, MRE11A, MTPAP, MTPP, NALCN, NBN, NDUFAF2, NDUFB3, NDUFS2, NEFL, NEU1, NF1, NHLRC1, NIPA1, NKX2-1, NKX6-2, NOL3, NOP56, NOTCH3, NPC1, NPC2, NPHP1, NUBPL, OFD1, OPA1, OPA3, OPHN1, OSGEP, OTC, PAX6, PCLO, PCNA, PDE6D, PDHA1, PDHX, PDSS1, PDSS2, PDYN, PEX10, PEX16, PEX2, PEX6, PEX7, PHYH, PIBF1, PIK3R5, PITRM1, PLA2G6, PLD3, PLEKHG4, PLP1, PMM2, PMPCA, PNKP, PNPLA6, POLG, POLH, POLR3A, POLR3B, POMGNT1, PRICKLE1, PRKCG, PRNP, PRPS1, PRRT2, PTEN, PTF1A, PUM1, RARS, RARS2, RBM10, RELN, REPS1, RFC1, RNF216, RPGRIP1L, RPIA, RRM2B, RUBCN, SACS, SAMD9L, SARS, SCARB2, SCN1A, SCN2A, SCN8A, SCYL1, SEPSECS, SETX, SIL1, SLC17A5, SLC1A3, SLC25A1, SLC25A15, SLC25A26, SLC25A46, SLC2A1, SLC30A9, SLC52A2, SLC6A19, SLC9A1, SLC9A6, SMG9, SNAP25, SNX14, SOD1, SPG7, SPR, SPTAN1, SPTBN2, SQSTM1, STUB1, SUFU, SYNE1, SYT14, TBC1D23, TCF4, TCTN1, TCTN2, TCTN3, TDP1, TDP2, TGM6, THG1L, TMEM107, TMEM138, TMEM216, TMEM231, TMEM237, TMEM240, TMEM67, TOE1, TP53RK, TPK1, TPP1, TPRKB, TRAPPC11, TRPC3, TSEN15, TSEN2, TSEN34, TSEN54, TTBK2, TTC19, TTC21B, TTPA, TUBB3, TUBB4A, UBA5, UBE3A, UBR4, UBTF, UCHL1, VAMP1, VHL, VLDLR, VPS13A, VPS13D, VPS53, VRK1, VWA3B, WDR73, WDR81, WFS1, WWOX, XPA, XPC, XRCC1, YME1L1, ZIC1, ZIC4, ZNF423, ZNF592