

Ataxia Panel (195 genes)

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|---------|
| ABCB7 |
| ABHD12 |
| ADGRG1 |
| AFG3L2 |
| AHI1 |
| ALAS2 |
| ALDH5A1 |
| ALG6 |
| AMACR |
| ANO10 |
| APTX |
| ARL13B |
| ARL6 |
| ARSA |
| ATCAY |
| ATM |
| ATP1A3 |
| ATP7B |
| ATP8A2 |
| BBS1 |
| BBS2 |
| BBS4 |
| BBS5 |
| BBS7 |
| BBS9 |
| BBS10 |
| BBS12 |
| BEAN1 |
| BTD |
| C5orf42 |
| CA8 |
| CACNB4 |
| CAMTA1 |
| CC2D2A |
| CCDC28B |
| CCDC88C |
| CEP290 |
| CEP41 |
| CLN5 |
| CLPP |

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|-------------------|
| COQ8A (aka ADCK3) |
| COX20 |
| CP |
| CRAT |
| CSTB |
| CTC1 |
| CTSD |
| CWF19L1 |
| CYP27A1 |
| DARS2 |
| DDB2 |
| DLAT |
| DNAJC3 |
| DNAJC5 |
| DNAJC19 |
| DNMT1 |
| EEF2 |
| EIF2B1 |
| EIF2B2 |
| EIF2B3 |
| EIF2B4 |
| EIF2B5 |
| ELOVL4 |
| ELOVL5 |
| EPM2A |
| ERCC2 |
| ERCC3 |
| ERCC4 |
| ERCC5 |
| FBXL4 |
| FGF14 |
| FLVCR1 |
| FXN |
| GALC |
| GBA |
| GBA2 |
| GBE1 |
| GCDH |
| GCLC |
| GFAP |

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|--------------------|
| GJB1 |
| GLB1 |
| GOSR2 |
| GRID2 |
| GRM1 |
| HARS |
| HEXB |
| HPRT1 |
| ITM2B |
| ITPR1 |
| KCNA1 |
| KCNC3 |
| KCND3 |
| KCNJ10 |
| KIF1C |
| KIF5C |
| KIF7 |
| L2HGDH |
| LARS2 |
| MARS2 |
| MKKS |
| MKS1 |
| MRE11 (aka MRE11A) |
| MTPAP |
| NEDD4 |
| NEU1 |
| NHLRC1 |
| NOL3 |
| NOP56 |
| NPC1 |
| NPC2 |
| NPHP1 |
| OFD1 |
| OPA1 |
| OPA3 |
| PAX6 |
| PDHX |
| PDSS1 |
| PDSS2 |
| PEX2 |

Ataxia Panel (195 genes), continued

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| PEX7 |
| PEX10 |
| PHYH |
| PIK3R5 |
| PLA2G6 |
| PLEKHG4 |
| PMM2 |
| PMPCA |
| PNKD |
| PNKP |
| PNPLA6 |
| POLG |
| POLH |
| PPP2R2B |
| PRICKLE1 |
| PRKCG |
| PRNP |
| PRRT2 |
| RARS2 |
| RELN |
| RNF170 |
| RNF216 |
| RPGRIP1L |
| RUBCN |
| SACS |
| SAMD9L |
| SCN8A |
| SETX |
| SIL1 |
| SLC1A3 |
| SLC2A1 |
| SLC5A2 |
| SLC17A5 |
| SLC52A2 |
| SLC52A3 |
| SNX14 |
| SPG7 |
| SPR |
| SPTBN2 |
| STUB1 |

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| SYNE1 |
| SYT14 |
| TBP |
| TCTN1 |
| TCTN2 |
| TCTN3 |
| TDP1 |
| TGM6 |
| TMEM67 |
| TMEM138 |
| TMEM216 |
| TMEM231 |
| TMEM237 |
| TMEM240 |
| TPP1 |
| TRIM32 |
| TSEN2 |
| TSEN34 |
| TSEN54 |
| TTBK2 |
| TTC8 |
| TTPA |
| TWINK (aka C10orf2) |
| VAMP1 |
| VLDLR |
| VPS13A |
| VRK1 |
| WDPCP |
| WDR81 |
| WFS1 |
| WWOX |
| XPA |
| XPC |
| ZNF423 |
| ZNF592 |