

Charcot-Marie-Tooth and Neuropathies Panel (90 genes)

AARS
ABHD12
AIFM1
ARHGEF10
ATL1
ATL3
BAG3
BSCL2
C12orf65
CCT5
COX6A1
CTDP1
DCAF8
DHTKD1
DNM2
DNMT1
DST
DYNC1H1
EGR2
ELP1 (aka IKBKAP)
FBLN5
FGD4
FIG4
FUS
GAN
GARS
GDAP1
GJB1
GNB4
HADHA
HADHB
HARS
HINT1
HK1
HOXD10
HSPB1
HSPB8
IGHMBP2
INF2
KARS

KIF1A
KIF1B
KIF5A
LAS1L
LITAF
LMNA
LRSAM1
MARS
MED25
MEGF10
MFN2
MPZ
MTMR2
MYH14
NDRG1
NEFL
NGF
NTRK1
OPA1
PDK3
PLEKHG5
PMP22
POLG
PRPS1
PRX
RAB7A
REEP1
RETREG1 (aka FAM134B)
SBF1
SBF2
SCN9A
SCN10A
SCN11A
SEPT9
SH3TC2
SLC12A6
SOX10
SPTLC1
SPTLC2
SURF1

TFG
TRIM2
TRPV4
TTR
TUBB3
TWNK (aka C10orf2)
TYMP
VCP
WNK1
YARS