

Supplementary Table 1. Genes included in next gene sequencing panel

ACTA1, AMPD1, AMPD3, ANO5, ATP2A1, B3GNT1, BAG3, BIN1, BSCL2, CACNA1S, CAPN3, CAV3, PTRF, CFL2, CHAT, CHKB, CHRNA1, CHRN1, CHRND, CHRNE, CHRNG, CLCN1, CNTN1, COL6A1, COL6A2, COL6A3, COLQ, ISPD, CRYAB, DAG1, DES, DMD, DNAJB6, DNM2, DOK7, DPM1, DPM3, DYNC1H1, DYSF, EMD, FHL1, FKRP, FKTN, FLNC, GAA, GLE1, GNE, IGHMBP2, ITGA7, KBTBD13, LAMA2, LAMP2, LARGE, LDB3, LMNA, MEGF10, MTM1, MTMR14, MUSK, MYH2, MYH7, MYOT, NEB, PABPN1, PEX1, PEX12, PEX14, PEX2, PEX26, PEX3, PEX5, PEX6, PHKA1, PLEC, PLEKHG5, PMM2, PNPLA2, POMGNT1, GTDC2, POMT1, POMT2, PYGM, RAPSN, RYR1, RYR2, SCN4A, SEPN1, SGCA, SGCB, SGCD, SGCE, SGCG, SIL1, SMN1, SMN2, SYNE1, SYNE2, TCAP, TMEM43, TNNI2, TNNT1, TPM2, TPM3, TRIM32, TRPV4, TTN, UBA1, VCP, VRK1, ASAH1, COL12A1, DNAJB2, EGR2, GBE1, SLC52A3, AGL, AGRN, ALG2, DPAGT1, GFPT1, ISCU, MATR3, MYH3, MYO18B, MYPN, PAX7, PFKM, PREPL, SQSTM1, STIM1, SYT2, TNNT3, UNC80, VMA21, CPT2, FKBP14, KCNJ2, MYL2, TAZ, AGK, ATP7A, DCTN1, DNMT1, FIG4, GAN, HSPB1, HSPB8, MYF6, POLG, POLG2, REEP1, RRM2B, SETX, SLC25A4, SLC5A7, SUCLA2, SUCLG1, TK2, C10orf2, TYMP
