Supplementary material

List of the genes included in NGS congenital myopathy panel

ACTA1, ACVR1, AN05, BAG3, BIN1, C10orf2, CAV3, CCDC78, CFL2, CNTN1, COL12A1, COL6A1, COL6A2, COL6A3, CRYAB, DES, DNM2, DYSF, FHL1, FKBP14, FLNC, GNE, ISCU, KBTBD13, KLHL9, LAMP2, LDB3, MAMLD1, MATR3, MEGF10, MSTN, MTM1, MTMR14, MYF6, MYH2, MYH7, MYH14, MYOT, NEB, OPA1, ORAl1, PABPN1, PLEC, POLG, POLG2, PUS1, RRM28, RYR1, SEPN1, S1l1, STIM1, SUCLA2, TK2, TNNT1, TPM2, TPM3, TRIM32, TIN, VCP, VMA21, YARS2, AGRN, ALG2, ASCC1, CAPN3, CHAT, CHKB, CHRNA1, CHRNB1, CHRND, CHRNE, COLQ, DAG1, DES, DPM1, DPM3, DYNC1H1, EGR2, EMD, EXOSC3, FKRP, FKTN, GAA, GARS, GBE1, GDAP1, GFPT1, GYG1, IGHMBP2, ISPD, ITGA7, LAMA2, LAMB2, LMNA, LRP4, MEGF10, MFN2, MPZ, MUSK, MYO18B, NEFL, ORAI1, PIEZO2, POMGNT1, POMT1, POMT2, PREPL, PTRF, RAPSN, SBDS, SCN4A, SEPN1, SGCA, SGCB, SGCD, SGCG, SLC52A3, SLC5A7, SYT2, TCAP, TNNT3, TNXB, TRPV4, TTN, UBA1, VMA21