

Supplementary Table S1. A list of 293 selected genes in a Celeemics G-Mendeliome Hereditary Myopathy Panel

AARS	ABCB7	ABCD1	ABHD12	ACAD9	ACADL	ACADM	ACO2	ACTA1
ADCK3	AFG3L2	AGL	AIFM1	ALDH3A2	AMPD1	ANO10	ANO5	AP4B1
AP4E1	AP4M1	AP4S1	AP5Z1	APTX	ARSA	ATCAY	ATL1	ATM
ATP2A1	ATP7A	ATP7B	ATP8A2	BAG3	BEAN1	BIN1	BSCL2	C10orf2
C12orf65	C19orf12	CACNA1A	CACNA1S	CACNB4	CAPN3	CASK	CAV3	CCDC78
CCDC88C	CFL2	CHAT	CHRNA1	CHRNA1	CHRNA1	CHRNA1	CHRNA1	CHRNA1
CLCN2	CLN5	CNTN1	COL6A1	COL6A2	COL6A3	COLQ	CPT1B	CPT2
CRYAB	CTDP1	CWF19L1	CYP27A1	CYP2U1	CYP7B1	DAG1	DCTN1	DDHD1
DDHD2	DES	DMD	DNAJB2	DNAJB6	DNM2	DNMT1	DOK7	DYNC1H1
DYSF	EEF2	EGR2	ELOVL4	ELOVL5	EMD	ERLIN2	ETFA	ETFB
FA2H	FAM134B	FGD4	FGF14	FHL1	FIG4	FKRP	FKTN	FLNC
FLVCR1	FRMD7	FUS	FXN	GAA	GAD1	GALC	GAN	GARS
GBA2	GDAP1	GJB1	GJC2	GLA	GLE1	GNB4	GNE	GOSR2
GPR143	GRID2	GRM1	GYS1	HADHA	HADHB	HINT1	HOXD10	HSPB1
HSPB8	HSPD1	HSPG2	IGHMBP2	IKBKAP	ISPD	ITGA7	ITPR1	JPH3
KBTBD13	KCNA1	KCNC3	KCND3	KCNE3	KCNJ10	KCNJ18	KIAA0196	KIF1A
KIF1B	KIF1C	KIF5A	KLHL40	KLHL41	L1CAM	LAMA1	LAMA2	LARGE
LDB3	LITAF	LMNA	LPIN1	LRSAM1	MARS	MARS2	MATR3	MED25
MFN2	MPZ	MRE11A	MTM1	MTMR14	MTMR2	MTPAP	MTTP	MUSK
MYF6	MYH2	MYH7	MYOT	NDRG1	NEB	NEFL	NGF	NIPA1
NOP56	NTRK1	OPA1	OPA3	OPHN1	PABPN1	PANK2	PDK3	PDYN
PEX7	PFKM	PGAM2	PHKA1	PHYH	PLEC	PLEKHG5	PLP1	PMM2
PMP22	PNKP	PNPLA6	POLG	POLG2	POMGNT1	POMT1	POMT2	PRKCG
PRPS1	PRX	PTF1A	PTRF	PYGM	RAB7A	RAPSN	REEP1	RNF216
RRM2B	RTN2	RUBCN	RYR1	RYR2	SACS	SBF2	SCN4A	SCN9A
SEPN1	SETX	SGCA	SGCB	SGCD	SGCE	SGCG	SH3TC2	SIL1
SLC12A6	SLC16A2	SLC1A3	SLC33A1	SLC39A4	SLC52A2	SLC9A1	SLC9A6	SMN1
SNX14	SOD1	SPAST	SPG11	SPG20	SPG21	SPG7	SPTBN2	SPTLC1
SPTLC2	STAC3	STUB1	SUCLA2	SYNE1	SYNE2	SYT14	TBP	TCAP
TDP1	TECPR2	TGM6	TK2	TMEM240	TNNI2	TNNT1	TPM2	TPM3
TPP1	TRIM32	TRPV4	TTBK2	TTN	TTPA	TTR	TUBB4A	TYMP
VAMP1	VCP	VLDLR	VPS13A	VPS37A	VRK1	WFS1	WNK1	WWOX
XK	YARS	ZFYVE26	ZFYVE27	ZNF592				