Table S1. PCR and sequencing primers.

Target Name	Primer type	Primer name	Primer sequence
Human_ALMS1	PCR & sequencing	ALMS1_Forward_1	GCCTGGCCTGTAGTGCTTTT
Human_ALMS1	PCR & sequencing	ALMS1_Reverse_1	ACAAAGCCAATCCAGTTACCT
Human_ALMS1	PCR & sequencing	ALMS1_Forward_2	CTCCACCTTCCAAAGTGCTG
Human_ALMS1	PCR & sequencing	ALMS1_Reverse_2	TCTCCCTACAGAATCCAGCC
Human_ALMS1	PCR & sequencing	ALMS1_WT	TCACTACCCTCTTACTGTAGATTCC
Human_ALMS1	PCR & sequencing	ALMS1_Mutant	TCACTACCCTCTTACTGTAGATTCG
Human_MYL3	qPCR	h_MYL3_Forward	TCACACCTGAGCAGATTGAAGA
Human_MYL3	qPCR	h_MYL3_Reverse	GCTGGAGCATAGGCAGGAAAG
Human_CardiacTroponin	qPCR	h_cTnT_Forward	ACAGAGCGGAAAAGTGGGAAG
Human_CardiacTroponin	qPCR	h_cTnT_Reverse	TCGTTGATCCTGTTTCGGAGA
Human_Titin	qPCR	h_Titin_Forward	ACGCAAAGCTGTTTCTTCCC
Human_Titin	qPCR	h_Titin_Reverse	CTTCGTAGGAGAGCTCGCAG
Human_MYL7	qPCR	h_MYL7_Forward	GCCCAACGTGGTTCTTCCAA
Human_MYL7	qPCR	h_MYL7_Reverse	CTCCTCCTCTGGGACACTC