

## Supplemental Material

Supplemental Table. Sarcomere mutations present in the study cohort.

<b>Gene</b>	<b>Mutation</b>	<b># of Families</b>	<b># of Subjects</b>
<i>MYH7</i> (n=20)	Ala797Thr	1	2
	Arg249Gln	1	1
	Arg858Gly	1	1
	Glu497Asp	1	1
	Gly584Arg	1	1
	Gly768Arg	1	1
	Lys847del	1	1
	Arg663Cys	2	2
	Val338Met	1	1
	Val39Met	1	2
	Ser291Phe	1	2
	Arg249Gln	1	1
	Arg870His	1	1
	Arg652Gly	1	1
	Arg453Cys	1	1
	Val1459Asn	1	1
	<i>MYBPC3</i> (n=39)	927-9G>A	1
Val771Ala		1	1
Leu1014fs		1	1
Arg502Gln		2	2
Gly531Arg		1	1
3190+1 G>A		2	2
Gln969X		1	2
Trp1112Stop		1	1
Ser858Asn		1	2
927-9G>A		3	3
Phe1246fs		1	1
3190+2T>G		1	1
Arg810His		1	1
Pro1208fs		1	1
Glu258Lys		2	4
Arg502Trp		2	2
Pro699fs		1	1
Gly1248_Cys1253dup		1	1
K1209fs		1	1
Asp7Asn		1	1
Gly531Arg		1	1
1298-2A>G		1	1
Asp770Asn		1	1
Pro955fs		1	1
Gln60fs		1	1
Asp605Asn		1	1
Arg943X		1	1
<i>TNNT2</i> (n=5)	Arg92Trp	1	2
	Arg278Cys	1	3
<i>TNNI3</i>	Asp196Asn	1	1

(n=1)			
<i>MYL2</i> (n=1)	Glu65Lys	1	1
<i>MYL3</i> (n=1)	Val156Met	1	1