

Supplemental Table I. Included patients

Patients included for Single cell sequencing and histology						
FHCM	Sex(M/F)	Age	Mutation	cDNA	Prot	Tissue destination
HCM202	F	65	unknown	-	-	SCS
HCM204	M	30	MYBPC3	c.2373_2374insG	p.Trp792fs	SCS
HCM214	M	60	SMN	-	-	Histo
HCM215	F	74	unknown	-	-	SCS/Histo
HCM218	M	50	unknown	-	-	Histo
HCM229	M	57	SMN	-	-	Histo
HCM230	M	66	MYBPC3	c.2864_2865delCT	p.Pro955Argfs	Index/Histo
HCM234	M	72	TNNT	c.832C>T	p.Arg278Cys	Histo
Patients included for quantitative PCR analysis						
FHCM	Sex(M/F)	Age	Mutation	cDNA	Prot	Tissue destination
Control1	M	-	-	-	-	qPCR
Control2	M	-	-	-	-	qPCR
Control3	M	-	-	-	-	qPCR
Control4	M	-	-	-	-	qPCR
Control5	-	-	-	-	-	qPCR
Control6	-	-	-	-	-	qPCR
Control7	-	-	-	-	-	qPCR
Control8	-	-	-	-	-	qPCR
Control9	-	-	-	-	-	qPCR
HCM5	F	41	MYBPC3	c.1458-1G>C	-	qPCR
HCM21	F	75	SMN	-	-	qPCR
HCM22	M	52	SMN	-	-	qPCR
HCM27	F	58	MYH7	c.4130C>T	p.Thr1377Met	qPCR
HCM30	F	72	SMN	-	-	qPCR
HCM33	M	43	MYBPC3	c.927-2A>G	-	qPCR
HCM34	F	48	MYBPC3	c.1790G>A	p.Arg597Gln	qPCR
HCM35	F	47	MYBPC3	c.1608T>A	p.Ala536=	qPCR
HCM36	M	22	MYBPC3	c.927-2A>G	-	qPCR
HCM37	M		unknown	-	-	qPCR
HCM39	M	49	SMN	-	-	qPCR
HCM41	M	46	SMN	-	-	qPCR
HCM42A	M	-	TTN TTN	c.33515dupA c.60721G>C	-	qPCR
HCM42B	F	46	MYH7	1816G>A	p.Val606Met	qPCR
HCM47	M	55	MYBPC3	c.3407_3409del	p.Tyr1136del	qPCR
HCM48	M	49	unknown	-	-	qPCR
HCM50	M	32	unknown	-	-	qPCR
HCM51	M	59	TTN TTN	c.65389T>G c.82979T>C	-	qPCR
HCM52	F	24	MYBPC3	c.2827C>T	p.Arg943X	qPCR
HCM53	M		unknown	-	-	qPCR
HCM56	F	49	SMN	-	-	qPCR
HCM57	M	46	SMN	-	-	qPCR
HCM58	M	37	MYBPC3	c.927-2A>G	-	qPCR
HCM60	F	45	MYBPC3	c.3029_3030delAG	p.Glu1010fs	qPCR

HCM62	M	35	MYBPC3	c.772G>A	p.Glu258Lys	qPCR
HCM63	M	33	MYBPC3	c.2827C>T	p.Arg943X	qPCR
HCM64	-	-	unknown	-	-	qPCR
HCM65	F	72	unknown	-	-	qPCR
HCM66	M	45	MYBPC3	c.3776delA	p.Gln1259fs	qPCR
HCM67	M	33	unknown	-	-	qPCR
HCM68	M	63	SMN	-	-	qPCR
HCM69	M	72	unknown	-	-	qPCR
HCM70	F	52	unknown	-	-	qPCR
HCM71	M	49	MYBPC3	c.2827C>T	p.Arg943X	qPCR
HCM72	M	47	unknown	-	-	qPCR
HCM73	M	60	MYBPC3	c.3776delA	-	qPCR
HCM74	F	46	SMN	-	-	qPCR
HCM76	F	56	SMN	-	-	qPCR
HCM77	F	79	unknown	-	-	qPCR
HCM78	M	52	SMN	-	-	qPCR
HCM79	M	58	unknown	-	-	qPCR
HCM80	M	34	MYH7 MYH7	c.1291G>C c.4327G>A	p.Val431Leu p.Asp1443Asn	qPCR
HCM81	F	60	SMN	-	-	qPCR
HCM82	M	71	MYBPC3	c.2783C>T	p.Ser928Leu	qPCR
HCM84	M	52	SMN	-	-	qPCR
HCM85	M	39	unknown	-	-	qPCR
HCM86	F	69	unknown	-	-	qPCR
HCM87	F	53	unknown	-	-	qPCR
HCM88	F	57	MYL2	c.401A>C	p.Glu134Ala	qPCR
HCM89	M	59	SMN	-	-	qPCR
HCM90	M	53	SMN	-	-	qPCR
HCM91	M	26	SMN	-	-	qPCR
HCM92	M	66	MYH7	c.2685A>C	p.Gln895His	qPCR
HCM93	M	57	unknown	-	-	qPCR
HCM94	F	66	MYBPC3	c.1831G>A	-	qPCR
HCM95	M	62	unknown	-	-	qPCR
HCM96	M	74	SMN	-	-	qPCR
HCM97	M	62	unknown	-	-	qPCR
HCM98	M	63	SMN	-	-	qPCR
HCM99	F	42	unknown	-	-	qPCR
HCM100	M	41	unknown	-	-	qPCR
HCM101	M	20	MYBPC3	c.1458-1G>C	-	qPCR
HCM102	F	69	SMN	-	-	qPCR
HCM103	M	26	MYBPC3	c.2373_2374insG	p.Trp792fs	qPCR
HCM104	M	33	MYBPC3	c.2373_2374insG	p.Trp792fs	qPCR
HCM105	M	65	CSRP3	c.131T>C	p.Leu44Pro	qPCR
HCM106	M	35	MYH7	c.2783A>T	p.Asp928Val	qPCR
HCM107	F	56	unknown	-	-	qPCR
HCM108	F	67	SMN	-	-	qPCR
HCM109	F	71	unknown	-	-	qPCR
HCM110	M	39	MYBPC3 MYL2	c.1000G>T c.64G>A	p.Glu334Ter p.Glu22Lys	qPCR

HCM111	F	66	SMN	-	-	qPCR
HCM112	F	52	SMN	-	-	qPCR
HCM113	M	21	MYBPC3 DSG2	c.2827C>T c.2434G>A	p.Arg943X p.Gly812Ser	qPCR
HCM114	M	69	MYH7	c.976G>C	p.Ala326Pro	qPCR
HCM115	F	21	SMN	-	-	qPCR
HCM116	F	53	MYBPC3	c.2827C>T	p.Arg943X	qPCR
HCM117	F	50	SMN	-	-	qPCR
HCM118	M	46	unknown	-	-	qPCR
HCM119	M	41	SMN	-	-	qPCR
HCM120	M	27	MYBPC3	c.2373_2374insG	p.Trp792fs	qPCR
HCM121	F	55	MYBPC3	-	p.Gln1259ArgfsX72	qPCR
HCM122	M	50	MYBPC3	c.3331-2A>G	-	qPCR
HCM123	F	59	MYBPC3	c.2373_2374insG	p.Trp792fs	qPCR
HCM124	M	53	MYBPC3 ABCC9	c.2827C>T -	p.Arg943X -	qPCR
HCM125	M	66	SMN	-	-	qPCR
HCM126	F	64	unknown	-	-	qPCR
HCM127	M		unknown	-	-	qPCR
HCM128	F	62	unknown	-	-	qPCR
HCM129	F	45	SMN	-	-	qPCR
HCM130	M	72	MYH7	c.976G>C	p.Ala326Pro	qPCR
HCM131	F		MYH7	c.1987C>T	p.Arg663Cys	qPCR
HCM132	F	15	TNNT2	c.814C>T	p.Gln272*	qPCR
HCM133	M	58	MYBPC3	c.442G>A	p.Gly148Arg	qPCR
HCM134	M	47	unknown	-	-	qPCR
HCM135	M	68	MYL2	c.64G>A	p.Glu22Lys	qPCR
HCM136	F		unknown	-	-	qPCR