

Supplemental Table SIII. Compound heterozygotes and complex genotypes, ACMG class 3 to 5.

Compound heterozygotes

Patient	Nucleotide change, protein variant	ACMG	Nucleotide change, protein variant2	ACMG
R.D.	<i>MYH7</i> c.2389G>A p.(Ala797Thr)	5	<i>MYH7</i> c.161G>A p.(Arg54Gln)	3
	<i>DSP</i> c.8068C>A p.(Pro2690Thr)	3	<i>SCN2B</i> c.53G>A p.Ser18Asn	3
P.S.	<i>MYBPC3</i> c.2639_2642dup, p.(Ser882Argfs*3)	5	<i>MYBPC3</i> c.1468G>A, p.(Gly490Arg)	3
J.Š.	<i>MYBPC3</i> c.696del, p.(Phe233Serfs*67)	5	<i>MYBPC3</i> c.2381C>T, p.(Pro794Leu)	3

Complex genotypes

Patient	Nucleotide change, protein variant	ACMG	Nucleotide change, protein variant2	ACMG
R.D.	<i>MYH7</i> c.2389G>A p.(Ala797Thr)	5	<i>MYH7</i> c.161G>A p.(Arg54Gln)	3
	<i>DSP</i> c.8068C>A p.(Pro2690Thr)	3	<i>SCN2B</i> c.53G>A p.Ser18Asn	3
J.N.	<i>MYBPC3</i> c.3166dup p.(Ala1056Glyfs*9)	5	<i>MYH7</i> c.5527A>G p.(Ser1843Gly)	3
	<i>ACTN2</i> c.1549C>T p.(Leu517Phe)	3		
A.P.	<i>MYL2</i> c.401A>C p.(Glu134Ala)	3	<i>MYH7</i> c.1868A>G p.(Asn623Ser)	3
	<i>CAV3</i> c.89A>G p.(Lys30Arg)	3		
M.Ž.	<i>MYBPC3</i> c.3697C>T, p.(Gln1233*)	5	<i>MYH7</i> c.2039C>T p.(Ser680Phe)	3
	<i>DSP</i> c.242G>A p.(Cys81Tyr)	3		
V.N.	<i>MYBPC3</i> c.2215G>T p.(Glu739*)	5	<i>TNNC1</i> c.435C>A p.(Asp145Glu)	3
	<i>PKP2</i> c.1170+4_1170+7dup	3		
J.J.	<i>MIB1</i> c.1111C>T p.(Arg371*)	3	<i>MYL2</i> c.496G>A p.(Asp166Asn)	3
	<i>RYR2</i> c.10640C>T p.(Thr3547Met)	3		
P.V.	<i>RAF1</i> c.781C>T, p.(Pro621Ser)	5	<i>MYBPC3</i> c.3343G>A, p.(Val1115Ile)	3
	<i>SOS1</i> c.233T>G, p.(Phe78Cys)	3		
M.K.	<i>MYBPC3</i> c.3697C>T, p.(Gln1233*)	5	<i>MYOZ2</i> c.343C>T, p.(Arg115*)	3
J.P.	<i>TNNT2</i> c.824G>A p.(Arg275Gln)	3	<i>SCN5A</i> c.4895G>A p.(Arg1632His)	4 [¶]
E.K.	<i>MYH7</i> c.2167C>G p.(Arg723Gly)	5	<i>ELN</i> c.1408C>T p.(Gln470*)	4
R.V.	<i>MYH7</i> c.5561C>T, p.(Thr1854Met)	3	<i>TNNI3</i> c.497C>T, p.(Ser166Phe)	4
E.K.	<i>MYH7</i> c.2770G>A p.(Glu924Lys)	5	<i>CRYAB</i> c.116C>T p.(Pro39Leu)	3
M.L.	<i>TRIM63</i> c.831+2T>G	3	<i>TRIM63</i> p.Gln247Ter	3
R.Š.	<i>MYBPC3</i> c.3490+1G>T	5	<i>ACTN2</i> c.2147C>T, p.(Thr716Met)	3
P.T.	<i>MYBPC3</i> c.442G>A p.(Gly148Arg)	3	<i>ACTN2</i> c.1552C>T p.(His518Tyr)	3

R.Š.	<i>MYBPC3</i> c.3490+1G>T	5	<i>ACTN2</i> c.2147C>T, p.(Thr716Met)	3
V.F.	<i>MYOM1</i> c.1482T>G p.(Ser494Arg)	3	<i>BAG3</i> c.1523A>G p.(Tyr508Cys)	3
J.B.	<i>SCN2B</i> c.332C>T, p.(Ser111Leu)	3	<i>CACNA1C</i> c.5693+2T>A	3
I.Š.	<i>MYH7</i> c.2546T>C p.(Met849Thr)	4	<i>DSC2</i> c.1223C>T p.(Thr408Ile)	3
V.B.	<i>MYH7</i> c.2882T>G, p.(Leu961Arg)	3	<i>DSG2</i> c.216G>T, p.(Lys72Asn)	3
J.M.	<i>NEXN</i> c.1190G>A, p.(Arg397Gln)	3	<i>DSP</i> c.2684A>G, p.(Tyr895Cys)	3
Z.M.	<i>MYH7</i> c.2347C>T, p.(Arg783Cys)	3	<i>DSP</i> c.4961T>C, p.(Leu1654Pro)	3
L.H.	<i>MYBPC3</i> c.3580dup p.(Ala1194Glyfs*14)	5	<i>FHL2</i> c.467A>T p.(Lys156Ile)	3
J.N.	<i>DSP</i> c.3616T>A p.(Leu1206Ile)	3	<i>FLNC</i> c.4660A>C p.(Ile1554Leu)	3
S.V.	<i>MYH6</i> c.3607dup p.(Ala1203Glyfs*30)	3	<i>MIB1</i> c.1971del p.(Asn658Thrfs*7)	3
I.L.	<i>FHL2</i> c.501+1G>T	3	<i>MYBPC3</i> c.1736A>C p.(Lys579Thr)	3
P.V.	<i>RAF1</i> c.781C>T, p.(Pro621Ser)	5	<i>MYBPC3</i> c.3343G>A, p.(Val1115Ile)	3
A.H.	<i>MYH7</i> c.497T>G p.(Leu166Glu)	3	<i>MYBPC3</i> c.62T>G p.(Val21Gly)	3
L.J.	<i>MYBPC3</i> c.1468G>A p.(Gly490Arg)	3	<i>MYH6</i> c.3346C>A p.(Arg1116Ser)	3
J.N.	<i>MYBPC3</i> c.3166dup p.(Ala1056Glyfs*9)	5	<i>MYH7</i> c.5527A>G p.(Ser1843Gly)	3
J.J.	<i>MIB1</i> c.1111C>T p.(Arg371*)	3	<i>MYL2</i> c.496G>A p.(Asp166Asn)	3
N.S.	<i>MYBPC3</i> c.1000G>A p.(Glu334Lys)	3	<i>MYOM1</i> c.1175-2A>T	3
L.F.	<i>MYBPC3</i> c.772+1G>A	5	<i>PRDM16</i> c.1484C>T p.(Pro495Leu)	3
P.M.	<i>MYH7</i> c.2207T>C p.(Ile736Thr)	5	<i>PRKAG2</i> c.997T>G p.(Ser333Ala)	3
P.P.	<i>MYH7</i> c.428G>A p.(Arg143Gln)	4	<i>SCN10A</i> c.3803G>A, p.(Arg1268Gln)	3
J.S.	<i>MYBPC3</i> c.1790G>A p.(Arg597Gln)	3	<i>SCN5A</i> c.1199G>A p.(Gly400Glu)	3
L.P.	<i>MYH7</i> c.2333A>T p.(Asp778Val)	4	<i>SCN5A</i> c.615T>A p.(Tyr205Ter)	3
V.N.	<i>MYBPC3</i> c.2215G>T p.(Glu739*)	5	<i>TNNC1</i> c.435C>A p.(Asp145Glu)	3

*Class 4 is for sick sinus syndrome, not hypertrophic cardiomyopathy.