

Supplementary Appendix

This appendix has been provided by the authors to give readers additional information about their work.

Supplement to: Veugelers M, Bressan M, McDermott DA, et al. Mutation of perinatal myosin heavy chain associated with a Carney complex variant. *N Engl J Med* 2004;351:460-9.

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Supplementary Table 1. Primers used to amplify genomic segments of myosin heavy chain genes.

Gene	Exon(s)	Forward (5'-3')	Reverse (5'-3')	
<i>MYH1</i>	1-2	tgtgaatctaattggccagttct	tttgatggggaccttaatcatc	
	3	tctttctcacggtcttactca	tcacctctgctgaacaacca	
	4	aaacccactgaatacatgaca	taaagctaaaccaatatctagtcca	
	5-7	tgaaaagaaagatgtaaaggctct	acaagcatgtttggcagcag	
	8-10	tgaaatctcaagaggccagtg	ccatcaggagctcagctgtaa	
	11-12	tcagatgtaccacacacagac	cccttccataagtactacagg	
	13	aggacaaaacgataccatcct	ttggcaaaataaggaattctcc	
	14	ggatgaatttactcagatgggata	tgacctcaggcaatctacc	
	15	gggcaaccaagagtgaaact	tctcgttgagtcacatcagttct	
	16-17	aaaatttcatctggatactattcatt	cctctgtttattcaaaggacttca	
	18-20	cccagtggctatgtgtttct	tcataatctgtcccttatttggtag	
	21-22	aaaattaacctgaaggcttaaaaca	tcctcattcataggaggcactt	
	23-24	gaatggaatcaatgggacaaa	ctgcctcgattcctcctc	
	25	aacaagcccttggtatgcag	atgagaaaaagggtgcctga	
	26	cccttgctggtttgtttgt	tgtgttcataattagtggggatct	
	27-28	catgcctccatcaagttc	tggtctgtatatggtcccagaa	
	29	tctgattgtggaattcactctct	gacagctgctgatgggtaag	
	30-31	tcagtcccagaacacctcaa	tccttagttcatggagcaaa	
	33-33	gaaatgcaaaggcatgaaaa	tttaaactttatccttcatgaaatctt	
	34-37	cggccagttgattgtcttta	tggacctccatgtagccatt	
	38	aaattcaagatccactgacctaaag	agtacaaaatggagtgacaaaagatt	
	<i>MYH3</i>	2	gctgaaacaggcctggag	gctggaaccacatctggaag
		3	gacgtgcagaccatcttagtg	ccctgcccgcataatctaat
		4	aaggcaaggggttttccat	ctgggagtaaggggcaact
		5	gggtagaatcgggaagctct	gccagcctgatcttttatta
		6	tgacatcctgaaaagcctgt	ccccctcattctgaggtaag
		7	cctgggcaacaagagtgtaa	ctttgaggacagggtcttg
		8-9	cccataagatgaataggaactattgg	aaactttccctgttgactgtaga
		10-11	agtccactgggtgggtttt	gtgcctggctggattaattg
		12-13	ccaacctttgaaacttctgga	tcataaaaccaatttccctca
		14	ggaatgttgacagtctttgattc	tgacagtaatgagcagaagagtc
		15	cccaccgtaagctcttctca	gtggaacaaatggagggaaa
		16	tccatgtgatttccctccat	agaatctcagcattgctcattta
		17-18	tcattacaatggatctctgtcttca	cctctcaaattccagttctg
		19-20	ggaagagaggcctgaactaca	tttctgagagagactccccttc
		21	acacaagctgtgtgcagagg	gcaaaatcccaccaataa
	22	aatactggaatgtcgcaaac	cctaagaagaattcgcaagca	
	23	gaagcatgccacagagaaca	ttccttttgggaacaaatgc	

	24-25	agaactccaggggtggaag	cagcaccagctcactgtaa
	26	agcctgttcttggcaatcag	tcaatgaccacggagtgtgt
	27	gacacactccgtggcattg	ccttggtttggccagctac
	28	cttagcacagtgcctacaca	ccttctgaatgaagtgccttt
	29	ggtggtgatagaaggacaca	cagcaccgcatttaagaca
	30	agtgatgttcaagtggatgaa	gggatgcattctcctcctc
	31	ggcaagtgatccaagtgtg	gcatgctctcgagcaataga
	32	tgctttgcatgtctggaac	gcaaaaatggagacacagca
	33	ctgcagggtagtggagctg	gccagcctacatttctgag
	34	agatgaggctcgtggtccta	gtggatgaggctggtgtttct
	35	gaagagaggcgaggtccag	tgtgagggcttfaatgcaa
	36	tcccaggtttgacagttc	ggagaggggtgggaaatag
	37	ctgcgctgagctttccag	tcctgtggtttgatggagaa
	38-39	gaaacactttgcccagaaa	tctgaggttcctccagctaa
	40	tcccactgaagtaggcaagc	ttgcatgtgaaaagagtcaca
<i>MYH4</i>	3	tgaggaacaagcatggaaa	ttaacccaaaatgaggcaga
	4	ttgacctggcttttctgct	gctaacatgtgtagaatgtggagt
	5	aaacaagtgattgctgatcg	caactatttacaatggctatggaa
	6-7	tgctgtgacctatgtttaagt	gatgtgcacgtggttagatttt
	8-9	ggtcaatgggaaattattactgc	tgtaccacaaaagaaaagattctc
	10-11	ttttcactgtggcactctct	tcttctgccactgctttcc
	12	gctaattggggatgagcaaa	tgtcagctttgtcaagtggaa
	13-14	aagccatggtcagttccacc	caagaggattgactggcta
	15	agaatacttgttatgcgtaatttc	attaagcacaggaggcaag
	16	ttccatcaattacatggagca	ttggccagtgttttgtgct
	17	aagggaattttggcagtcct	aaattttctgtttgatggttagtt
	18-19	ggactctcatgctgatgcaa	tgtgtagactaagacattggaagg
	20-21	tttcagtgaagaaaaccacat	tgaaagtgtggagcaggaag
	22	cttctgctccacactttca	ttgcttctttatgcccgagt
	23	tgaccaaacaggtagtcactgaa	cattgaggtggtgaagactaaag
	24-25	gggttagctcctggttctca	catgatgtaacattttggagatcttt
	26-27	ttgtactactactcctcaacacc	tgtgtaatttggctaaaaatagtc
	28	agcccccttccacaggtagt	aatgaatgtacagagcttgagaaa
	29-30	ataagagggttacaatgttattcca	tctttcatgtgtccccaagc
	31-33	tgctttcctagtgcagcagcttt	ttgtgtattccctaaagatttgc
	34	ttaatgccttcttggggaaa	tgatttatgacacatagtctcctgt
	35	cttgccgattgctcctatct	tgaaccagctaggtcccagt
	36-39	tgatcaataattttgcctgtg	ccaatttaaagaaaacccttaa
	40	tctcattcatgaggcaaatcc	catttcgtgcatttctttgg
<i>MYH8</i>	1	gagtgccagtttgagggaat	ggcaacaggcttgagatt
	2-3	ggacaatcactgaagcagga	agctgctgggaagagcataa
	4-7	caagctgtgtttgatctgaactg	cttcatgcacagcaagggtg
	8-10	ttggagccaaatgtaatgctc	cccttcacaagtcgcaagtc
	11-12	gattgaattggagaaaaatgga	ctaggtgcagtgttgagca
	13	ttgaggagcaacgttagttt	cagtttgtcagatcacaacct
	14-15	cttcttcgagctgtgacctg	gctgatatttgaagtattcctatt

16	caattgaagcctcacagatgc	tggtgcaacacaagttcatg
17	ctctggtaagacacagagag	ccaccacaagactatattatcgac
18-19	ggcagttggatttccacttt	ttctgaattgggtgagaggaa
20	aaaagggaaatttgtgtga	tgcctttcttcccataga
21-25	gctgcatttctccagacat	gagtagtgctgtaaagtcc
25	caaagagttgcaggtgagtc	tgctgtaaatgctgcaaa
26	tccacagagttgatgcctaa	tccttttgaccttcttagcaa
27-28	ggttaggcttattttatgccagt	actgacacagtatgcactcaa
29-31	tgtgaaaaggaccaaggag	ttgccaagttgtcctcataa
32	tgacaagagttggctcacg	cagttacctttgtcgggta
33	ccagtacaatctcccagtca	ccccatccatgtttacatac
34-36	cctgcacgaaccaacaagta	gaaatctgaaggcctcctaa
37	ctgccatcatgccaatg	ttcttcttattgacgcattctc
38	cctgattgaggaactaatcctg	tcataaagcaagtgaccaaaaa

Supplementary Table 2: Additional primers used for sequencing of *MYH8* amplicons.

Amplicon	Sequence Direction	Primer Sequence (5'-3')
Exon 8-10	Sense	agaagagttgatggccactg
Exon 8-10	Antisense	agttaggggctgaagagacta
Exon 34-36	Sense	tctcttctacacaagactc
Exon 34-36	Antisense	gcctccagtttctggatctg
Exon 21-24	Sense	ggaagcagatagcttggctg
Exon 21-24	Sense	agcggaaactggagggtgac
Exon 21-24	Sense	tcttacagaagagatggcag
Exon 21-24	Antisense	ccttgttctccgtggcatg
Exon 21-24	Antisense	atcatccacttgctgttctag
Exon 21-24	Antisense	ctgcaactctttgatcttctc