

Table S1. Overall coverage of the gene panel.

Gene	Chr	# Amplicons	Total Bases	Covered Bases	Missed Bases	Overall Coverage
<i>ACTC1</i>	chr15	8	1194	1194	0	100%
<i>ACTN2</i>	chr1	28	3112	3112	0	100%
<i>DMD</i>	chrX	106	12161	12161	0	100%
<i>DNAJC19</i>	chr3	6	411	411	0	100%
<i>DTNA</i>	chr18	29	3795	3795	0	100%
<i>FHL1</i>	chrX	11	1472	1466	6	99.59%
<i>FLNC</i>	chr7	75	8658	8658	0	100%
<i>HCN4</i>	chr15	28	4012	4012	0	100%
<i>LDB3</i>	chr10	24	2668	2664	4	99.85%
<i>LMNA</i>	chr1	18	2369	2369	0	100%
<i>MIB1</i>	chr18	36	4071	4071	0	100%
<i>MYBPC3</i>	chr11	35	4155	4155	0	100%
<i>MYH6</i>	chr14	51	6190	6190	0	100%
<i>MYH7</i>	chr14	45	6188	6188	0	100%
<i>MYL2</i>	chr12	7	571	571	0	100%
<i>MYL3</i>	chr3	6	648	648	0	100%
<i>NKX2-5</i>	chr5	9	1142	1142	0	100%
<i>PLN</i>	chr6	1	169	169	0	100%
<i>PRDM16</i>	chr1	37	4681	4654	27	99.42%
<i>RYR2</i>	chr1	134	15954	15954	0	100%
<i>TAZ</i>	chrX	14	1043	1043	0	100%
<i>TNNC1</i>	chr3	7	546	546	0	100%
<i>TNNI3</i>	chr19	7	702	702	0	100%
<i>TNNT2</i>	chr1	17	1081	1081	0	100%
<i>TPM1</i>	chr15	15	1500	1500	0	100%
<i>TTN</i>	chr2	800	132581	129775	2806	97.88%