Supplementary Information:

Genes and Transcript Identifiers for the NGS Panel: ABCC9 (NM\_005691.2), ACTC1 (NM\_005159.4), ACTN2 (NM\_001103.2), ANKRD1(NM\_014391.2), BAG3 (NM\_004281.3), CASQ2 (NM\_001232.2), CAV3 (NM\_033337.2), CRYAB (NM\_001885.1), CSRP3 (NM\_003476.4), CTNNA3 (NM\_013266), DES (NM\_001927.3), DMD (MN\_004006.2), DSC2 (NM\_024422), DSG2 (NM\_001943), DSP (NM\_004415), DTNA (NM\_032978.6), EMD (NM\_000117.2), EYA4 (NM\_004100.4), FHL1 (NM\_001449.4), FHL2 (NM\_201555.1), FKTN (NM\_001079802.1), GATAD1 (NM\_021167.4), GLA (NM\_000169.2), JPH2 (NM\_020433.4), JUP (NM\_002230), KLF10 (NM\_005655.2), LAMA4 (NM\_002290.4), LAMP2 (NM\_002294.2), LDB3 (NM\_007078.2), LMNA (NM\_170707), MYBPC3 (NM\_000256.3), MYH6 (NM\_002471.3), MYH7 (NM\_000257.2), MYL2 (NM\_000432.3), MYL3 (NM\_000258.2), MYLK2 (NM\_033118.3), MYOZ2 (NM\_016599.4), NEBL (NM\_006393.2), NEXN (NM\_144573.3), PDLIM3 (NM\_014476.5), PKP2 (NM\_004572), PLN (NM\_002667.3), PRKAG2 (NM\_016203.3), PSEN1 (NM\_000021.3), PSEN2 (NM\_000447.2), RAF1 (NM\_002880.3), RBM20 (NM\_001134363.1), RYR2 (NM\_001035.2), SCN5A (NM\_198056.2), SGCD (NM\_000337.5), TAZ (NM\_000116.3), TCAP (NM\_003673.3), TMEM43 (NM\_024334), TMPO (NM\_003276.2), TNNC1 (NM\_003280.2), TNNI3 (NM\_000363.4), TNNT2 (NM\_001001430.1), TPM1 (NM\_001018005.1), TTN (NM\_133378.4), TTR (NM\_000371.3), and VCL (NM\_014000.2)