WES HYPERTROPHIC CARDIOMYOPATHY [1] DG 3.6

Gene	Median coverage	% covered >10x	% covered >20x	OMIM disease ID
ACTC1	185.7	100.0	100.0	612098
ACTN2	128.3	100.0	100.0	612158
ALPK3	131.1	100.0	100.0	618052
CSRP3	149.9	100.0	100.0	612124
DES	135.4	100.0	100.0	No OMIM phenotype
FHL1	97.9	100.0	99.9	No OMIM phenotype
FLNC	132.3	100.0	100.0	617047
GLA	95.1	90.9	90.9	301500
JPH2	155.5	100.0	99.9	613873
LAMP2	116.5	100.0	100.0	300257
MYBPC3	115.1	100.0	100.0	115197
MYH7	152.3	100.0	100.0	192600
MYL2	124.0	100.0	100.0	608758
MYL3	130.7	100.0	100.0	608751
PLN	193.1	100.0	100.0	613874
PRKAG2	133.6	100.0	100.0	600858
TNNC1	129.4	100.0	100.0	613243
TNNI3	140.5	100.0	100.0	613690
TNNT2	126.3	100.0	100.0	115195
TPM1	144.0	100.0	100.0	115196
TTR	142.6	90.7	90.7	No OMIM phenotype

Gene symbols used follow HGCN guidelines: Gray KA, Yates B, Seal RL, Wright MW, Bruford EA. Nucleic Acids Res. 2015 Jan 43(Database issue):D1079-85.
TWIST is the default chemistry for all WES samples. Agilent V5 was the default chemistry until Q3 2021.
Median Coverage describes the average number of reads seen across 50 exomes.
Covered 10x describes the percentage of a gene's coding sequence that is covered at least 10x.

Covered 20x describes the percentage of a gene's coding sequence that is covered at least 20x.
Genes with no value for coverage are non protein coding genes.
Non protein coding genes are covered, but as coverage statistics are based on protein coding regions, statistics could not be generated.
OMIM release used for OMIM disease identifiers and descriptions: September 1st, 2021.

Ad 1. "No OMIM phenotype" signifies a gene without a current OMIM association Ad 2. OMIM phenotype descriptions between {} signify risk factors