

WES DILATED CARDIOMYOPATHY ¹ DG 3.5

Gene	Median coverage	% covered >10x	% covered >20x	OMIM disease ID
ACTC1	185.7	100.0	100.0	613424
ACTN2	128.3	100.0	100.0	612158
BAG3	113.6	100.0	100.0	613881
DES	135.4	100.0	100.0	604765
DMD	109.2	99.5	99.1	302045
DSP	135.3	100.0	100.0	605676;615821
FLNC	132.3	100.0	100.0	No OMIM phenotype
HCN4	132.7	100.0	100.0	No OMIM phenotype
JPH2	155.5	100.0	99.9	619492
LMNA	136.0	100.0	100.0	115200
MYH7	152.3	100.0	100.0	613426
NEXN	148.4	100.0	100.0	613122
PLN	193.1	100.0	100.0	609909
RBM20	132.6	100.0	100.0	613172
SCN5A	135.9	100.0	100.0	601154
TNNC1	129.4	100.0	100.0	611879
TNNI3	140.5	100.0	100.0	613286;611880
TNNT2	126.3	100.0	100.0	601494
TPM1	144.0	100.0	100.0	611878
TTN	144.9	99.6	99.1	604145
VCL	125.5	100.0	100.0	611407

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