

WES SONIC HEDGEHOG MEDULLOBLASTOMA DG 3.1

Gene	Median coverage	% covered >10x	% covered >20x	OMIM disease ID
BRCA2	119.2	99.8	98.5	612555;155255
ELP1	149.3	99.8	99.0	155255
GPR161	186.4	100.0	100.0	155255
PALB2	182.1	100.0	100.0	114480;610832;613348
PTCH1	127.2	99.2	97.6	155255;109400
PTCH2	118.2	99.9	99.0	155255;109400
SMARCB1	210.4	100.0	100.0	614608;162091;609322
SUFU	153.1	100.0	100.0	155255;109400;607174
TP53	113.9	99.9	97.7	114480;151623;260350;137800;202300;114500;614740;607107;259500

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.

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 Median Coverage and % Covered 10x/20x denoting NC are non-coding genes for which coverage statistics could not be generated.

OMIM release used for OMIM disease identifiers and descriptions : October 1st, 2016.

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