



Next-generation sequencing (NGS) is performed to test for the presence of single nucleotide variations, deletions, and insertions in the coding regions and intron/exon boundaries of the genes listed. When appropriate, alterations detected are confirmed by an independent reference method, such as Sanger sequencing. Default reportable range offset is +/-2 base pairs around each targeted exon region.

Genomic Build: GRCh37 (hg19) unless otherwise specified

As a result of technical limitations of the assay (including regions of homology, high GC content, and repetitive sequences), there are regions of some genes that cannot be effectively evaluated. Refer to gene regions table below for complete gene coverage information. To verify if a specific region/exon/variant is covered by this assay, contact the laboratory at 800-533-1710.

Gene	Exon	Chromosome	Genomic Start	Genomic Stop	Reference Transcript
<i>CTNNB1</i>	Ex2	chr3	41265558	41265574	NM_001904
<i>CTNNB1</i>	Ex3	chr3	41266015	41266246	NM_001904
<i>CTNNB1</i>	Ex4	chr3	41266443	41266700	NM_001904
<i>CTNNB1</i>	Ex5	chr3	41266823	41267065	NM_001904
<i>CTNNB1</i>	Ex6	chr3	41267149	41267354	NM_001904
<i>CTNNB1</i>	Ex7	chr3	41268697	41268845	NM_001904
<i>CTNNB1</i>	Ex8	chr3	41274830	41274937	NM_001904
<i>CTNNB1</i>	Ex9	chr3	41275018	41275360	NM_001904
<i>CTNNB1</i>	Ex10	chr3	41275628	41275790	NM_001904
<i>CTNNB1</i>	Ex11	chr3	41277213	41277336	NM_001904
<i>CTNNB1</i>	Ex12	chr3	41277838	41277992	NM_001904
<i>CTNNB1</i>	Ex13	chr3	41278077	41278202	NM_001904
<i>CTNNB1</i>	Ex14	chr3	41279505	41279569	NM_001904
<i>CTNNB1</i>	Ex15	chr3	41280623	41280835	NM_001904