



The following applies to DICER1 / DICER1 Mutation Analysis, Next-Generation Sequencing. Next-generation sequencing is performed to test for the presence of single nucleotide variations, deletions, and insertions in 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.

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.

Genomic Build: GRCh37 (hg19) unless otherwise specified

Gene	Exon	Chromosome	Genomic Start	Genomic Stop	Reference Transcript
<i>DICER1</i>	Ex2	chr14	95599650	95599797	NM_177438
<i>DICER1</i>	Ex3	chr14	95598850	95599016	NM_177438
<i>DICER1</i>	Ex4	chr14	95597844	95597978	NM_177438
<i>DICER1</i>	Ex5	chr14	95596393	95596531	NM_177438
<i>DICER1</i>	Ex6	chr14	95595807	95595971	NM_177438
<i>DICER1</i>	Ex7	chr14	95592915	95593087	NM_177438
<i>DICER1</i>	Ex8	chr14	95590531	95591007	NM_177438
<i>DICER1</i>	Ex9	chr14	95583957	95584093	NM_177438
<i>DICER1</i>	Ex10	chr14	95582788	95583034	NM_177438
<i>DICER1</i>	Ex11	chr14	95582002	95582160	NM_177438
<i>DICER1</i>	Ex12	chr14	95579427	95579563	NM_177438
<i>DICER1</i>	Ex13	chr14	95578507	95578586	NM_177438
<i>DICER1</i>	Ex14	chr14	95577652	95577795	NM_177438
<i>DICER1</i>	Ex15	chr14	95574659	95574842	NM_177438
<i>DICER1</i>	Ex16	chr14	95574215	95574432	NM_177438
<i>DICER1</i>	Ex17	chr14	95573943	95574100	NM_177438
<i>DICER1</i>	Ex18	chr14	95572376	95572562	NM_177438
<i>DICER1</i>	Ex19	chr14	95572013	95572122	NM_177438
<i>DICER1</i>	Ex20	chr14	95571406	95571585	NM_177438
<i>DICER1</i>	Ex21	chr14	95569681	95570465	NM_177438
<i>DICER1</i>	Ex22	chr14	95566115	95566274	NM_177438
<i>DICER1</i>	Ex23	chr14	95562160	95563052	NM_177438
<i>DICER1</i>	Ex24	chr14	95560223	95560495	NM_177438
<i>DICER1</i>	Ex25	chr14	95557538	95557704	NM_177438
<i>DICER1</i>	Ex26	chr14	95557369	95557448	NM_177438
<i>DICER1</i>	Ex27	chr14	95556833	95557002	NM_177438