

Targeted Genes Interrogated by Acute Myeloid Leukemia, Therapeutic Gene Mutation Panel (*FLT3*, *IDH1*, *IDH2*, *TP53*), Next-Generation Sequencing

Genome Build GRCh37 (hg19)

Gene	GenBank Accession Number*	Exon–Systematic Numbering
<i>FLT3</i>	NM_004119.2	14–20, intron 14, spanning c.1837+1-c.1838-1 (90 bp)
<i>IDH1</i>	NM_005896.3	4, 6–8
<i>IDH2</i>	NM_002168.3	3–4, 6–8
<i>TP53</i>	NM_000546.4	4–11

Default is +/- 10 bp around each exon with some exceptions. For *FLT3*, there is an intronic region of interest.

*Reference transcript numbers may have been updated due to database re-versioning. Refer to the patient report for the most updated gene transcript information.