## MAYO CLINICTargeted Genes Interrogated byLABORATORIESAcute Myeloid Leukemia, 11-Gene Panel

## Genome Build GRCh37 (hg19)

Gene	GenBank Accession Number	Exons–Systematic Numbering
CEBPA	NM_004364.4	1
DNMT3A	NM_022552.4	8–23
FLT3	NM_004119.2	14-20, intron 14, spanning c.1837+1-c.1838-1 (90 bp)
IDH1	NM_005896.3	4, 6–8
IDH2	NM_002168.3	3–4, 6–8
KIT	NM_000222.2	8–11 and 17
KRAS	NM_033360.3	2-4
NPM1	NM_002520.6	9–11, -3 bp before exon 11
NRAS	NM_002524.4	2-4
RUNX1	NM_001754.4	1–9, -13 bp before exon 8
TP53	NM_000546.4	4–11

Default is +/- 10 bp around each exon with some exceptions. For *FLT3* and *RUNX1*, there are some intronic regions of interest. *NPM1* exon 11 has coverage set to -3 before the exon due to a homopolymer region.

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