Genome Build GRCh37 (hg19)

MAYO CLINIC LABORATORIES

Gene	GenBank Accession Number	Exons–Systematic Numbering
CEBPA	NM_004364.4	1
DNMT3A	NM_022552.4	8–23
FLT3	NM_004119.2	14–20
IDH1	NM_005896.3	4
IDH2	NM_002168.3	4
KIT	NM_000222.2	8–11 and 17
KRAS	NM_033360.3	3-Feb
NPM1	NM_002520.6	9–11, intron 10 30bp before exon 11
NRAS	NM_002524.4	2 and 3
RUNX1	NM_001001890.2	1–6, intron 4 c.725–13T>A and intron 5 c.886+1–4del
TP53	NM_000546.4	4–9

Default offset is +/- 10bps around each exon with exception for *RUNX1*, which has certain intron regions of interest. Also, *NPM1* has coverage set to -30bps before exon 11 because of a downstream polymorphic 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.