

GENES AND TARGETED EXONS FOR NGS MYELOID 37-GENE PANEL

Gene	Accession	Exon
ABL1	NM_005157	4,5,6,7,8,9,10
ANKRD26	NM_014915	1 (c.113-134)
ASXL1	NM_015338	11,12,13
BCOR	NM_017745	2,3,4,5,6,7,8,9,10,11,12,13,14,15
BRAF	NM_004333	11,15
CALR	NM_004343	8,9
CBL	NM_005188	8,9
CEBPA	NM_004364	1
CSF3R	NM_000760	14,15,16
CSF3R	NM_156039	17
CSF3R	NM_172313	10,18
DDX41	NM_016222	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17
DNMT3A	NM_022552	2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23
DNMT3A	NM_153759	1,2
ETNK1	NM_018638	3
ETV6	NM_001987	1,2,3,4,5,6,7,8
EZH2	NM_004456	2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20
FLT3	NM_004119	8,9,10,11,12,13,14,15,16,17,19,20,21
GATA1	NM_002049	2
GATA2	NM_032638	2,3,4,5,6
IDH1	NM_005896	3,4
IDH2	NM_002168	4,6
JAK2	NM_004972	12,13,14,15,16
KIT	NM_000222	2,8,9,10,11,12,13,14,15,17,18
KRAS	NM_004985	2,3,4

MPL	NM_005373	10,12
NPM1	NM_002520	11
NRAS	NM_002524	2,3,4
PHF6	NM_032458	9
PHF6	NM_032335	2,3,4,5,6,7,8
PHF6	NM_001015877	10
PTPN11	NM_002834	3,4,7,8,11,12,13
RUNX1	NM_001754	2,3,4,5,6,7,8,9
RUNX1	NM_001122607	5
SETBP1	NM_015559	4 (p.799-950)
SF3B1	NM_012433	13,14,15,16,17,18
SRSF2	NM_003016	1,2
STAG2	NM_006603	2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33
STAG2	NM_001042749	32
TET2	NM_001127208	4,5,6,7,8,9,10,11
TET2	NM_017628	3
TP53	NM_000546	2,3,4,5,6,7,8,9,10,11
TP53	NM_001276696	9,10
TP53	NM_000546	1
U2AF1	NM_006758	2,6
U2AF1	NM_001025204	6
WT1	NM_000378	1,2,3,4,5,6,7,8,9
ZRSR2	NM_005089	1,2,3,4,5,6,7,8,9,10,11