



Gene	Chromosome/NCBITranscript (NM_) hg19	Coverage Region (Exon/Intron)
<i>AKT1</i>	NM_001014432.1	Exon 3–15
<i>AKT2</i>	NM_001626.5	Exon 2–14
<i>AKT3</i>	NM_001206729.1	Exon 2–14
<i>AKT3-G</i>	243668551-243668636	Intron 13
<i>ATM</i>	NM_000051.3	Exon 2–63
<i>B2M</i>	NM_004048.2	Exon 1–3
<i>BIRC2</i>	NM_001166.4	Exon 2–9
<i>BIRC3</i>	NM_001165.4	Exon 2–9
<i>BRAF</i>	NM_004333.4	Exon 1–18
<i>CCND1</i>	NM_053056.2	Exon 1–5
<i>CD38</i>	NM_001775.3	Exon 1–8
<i>CDK4</i>	NM_000075.3	Exon 2–8
<i>CDK7</i>	NM_001799.3	Exon 1–12
<i>CDKN1B</i>	NM_004064.4	Exon 1–2
<i>CDKN2A</i>	NM_000077.4	Exon 1–3
<i>CDKN2A-G</i>	21994138–21994330	Intron 0
<i>CRBN</i>	NM_016302.3	Exon 1–11
<i>CUL4A</i>	NM_001008895.2	Exon 2–20
<i>CUL4B</i>	NM_003588.3	Exon 2–22
<i>CXCR4</i>	NM_003467.2	Exon 1–2
<i>DIS3</i>	NM_014953.4	Exon 1–21
<i>DIS3-G</i>	73355427–73355494	Intron 1
<i>EGFR</i>	NM_005228.3	Exon 1–28
<i>FGFR3</i>	NM_001163213.1	Exon 2–18
<i>FGFR3-G</i>	1805419–1805563	Intron 8
<i>GRB2</i>	NM_002086.4	Exon 2–6
<i>IDH1</i>	NM_005896.3	Exon 3–10
<i>IDH2</i>	NM_002168.3	Exon 2–11
<i>IDH3A</i>	NM_005530.2	Exon 2–11
<i>IFNGR2</i>	NM_005534.3	Exon 2–7
<i>IGF1R</i>	NM_000875.4	Exon 1–21
<i>IKZF1</i>	NM_006060.5	Exon 2–8
<i>IKZF3</i>	NM_012481.4	Exon 1–8

**Targeted Genes Interrogated by Multiple Myeloma
Next-Generation Sequencing** (continued)

Gene	Chromosome/NCBI Transcript (NM_) hg19	Coverage Region (Exon/Intron)
<i>IL6</i>	NM_000600.4	Exon 1–5
<i>IL6R</i>	NM_000565.3	Exon 2–10
<i>IRF4</i>	NM_002460.3	Exon 2–9
<i>JAK2</i>	NM_004972.3	Exon 3–25
<i>KDM6A</i>	NM_0021140.2	Exon 1–29
<i>KDM6A-G</i>	44919854–44920009	Intron 13
<i>KRAS</i>	NM_033360.2	Exon 2–5
<i>MYC</i>	NM_002467.4	Exon 1–3
<i>MYD88</i>	NM_002468.4	Exon 1–5
<i>NFKB2</i>	NM_001077494.3	Exon 2–12, 14–23
<i>NR3C1</i>	NM_000176.2	Exon 2–9
<i>NRAS</i>	NM_002524.4	Exon 2–5
<i>NSD2</i> (aka <i>WHSC1</i>)	NM_001042424.2	Exon 2–22
<i>PIK3CA</i>	NM_006218.2	Exon 2–12, 14–21
<i>PIK3CG</i>	NM_001282426.1	Exon 2–11
<i>PIK3R1</i>	NM_181523.2	Exon 2–16
<i>PIK3R1-G</i>	67584564–67584579 and 67586557–67586662	Intron 7a and 7b
<i>PIK3R2</i>	NM_005027.3	Exon 2–5, 7–16
<i>PIM1</i>	NM_001243186.1	Exon 1–6
<i>PIM2</i>	NM_006875.3	Exon 1–6, excluding the last 30 bps
<i>PIM3</i>	NM_001001852.3	Exon 1–6
<i>PSMA1</i>	NM_148976.2	Exon 2–11
<i>PSMB5</i>	NM_002797.4	Exon 1–3
<i>PSMB5-G</i>	23497038–23496954	Intron 2
<i>PSMD1</i>	NM_002807.3	Exon 1–24
<i>PSMG2</i>	NM_020232.4	Exon 1–7
<i>PTPN11</i>	NM_002834.3	Exon 2–15
<i>RB1</i>	NM_000321.2	Exon 1–27
<i>STAT3</i>	NM_139276.2	Exon 2–24
<i>TENT5C</i>	NM_017709.3	Exon 2
<i>TGFBR2</i>	NM_001024847.2	Exon 1–8
<i>TLR4</i>	NM_138554.4	Exon 1–3
<i>TP53</i>	NM_001126113.2	Exon 2–10
<i>TRAF3</i>	NM_145725.2	Exon 3–12
<i>XBP1</i>	NM_001079539.1	Exon 1–6