

Primer name	Sequence
ASXL1_C594*_F	TCACACAGTCCCACCAGAAA
ASXL1_C594*_R	CAGAGCACGGGCTTTAATGT
ASXL1_G642fs*_F	GAGGTCACCACTGCCATAGA
ASXL1_G642fs*_R	TACACTTTCCAGGGGTGCTC
CEBPA_A111fs*_F	CTTCA ACGA CGAGTTCTGGCCGA
CEBPA_A111fs*_R	AGCTGCTTGGCTTCATCCTCT
CEBPA_T310NT_F	TTGTCACTGGTCAGTCCAG
CEBPA_T310NT_R	TGGACAAGAACAGCAACGAG
DNMT3A_R882C_F	CCATGTCCTTACACACACG
DNMT3A_R882C_R	CTGAGTCCGGGTTGTTTAT
DNMT3A_G590fs*_F	CCCAGCACTCACAAATTCCT
DNMT3A_G590fs*_R	CAGGCAGCCATTAAGGAAGA
FLT3_D835Y_F	CCTGAAGCTGCAGAAAACC
FLT3_D835Y_R	TCCATCACCCGTACTCCTA
IDH1_R132H_F	ATTGTGCAGCCAGTGTGAA
IDH1_R132H_R	CGGTCTTCAGAGAAGCCATT
IDH2_R140Q_F	TGTGGCCTTGTACTGCAGAG
IDH2_R140Q_R	GACTCCAGAGCCACACATT
IDH2_R172K_F	TGTGGCCTTGTACTGCAGAG
IDH2_R172K_R	GACTCCAGAGCCACACATT
KRAS_G12V_F	AGAATGGTCTGCACCAGTAA
KRAS_G12V_R	CTTAAGCGTCGATGGAGGAG
KRAS_K117N_F	AGAAACCAAAGCCAAAAGCA
KRAS_K117N_R	TTGTGGACAGGTTTTGAAAGA
NF1_intron_F	TGCCATTTCTGTTGCCTTA
NF1_intron_R	TTCTGCTACCAATCAACACACA
NPM1_ex12_F	ATTGGCCATATGGGTCTCTG
NPM1_ex12_R	AACACGGTAGGGAAAGTTCTCA
NRAS_G12D_F	CACTGGGCCTCACCTCTATG
NRAS_G12D_R	GCCCAAGGACTGTTGAAAAA
TET2_L119*_F	GTTGAAATGTCAGGGCCAGT
TET2_L119*_R	CAAATTGCTGCCAGACTCAA
TET2_P612fs*_F	GAGGCATCACTGCCATCAAT
TET2_P612fs*_R	TGCTCCAGCTGTGTTGTTTT
WT1_GATK_AML3_F	TGCTCTAGACGGAGAGTCC
WT1_GATK_AML3_+140R	CAGGCCAGGATGTTTCCTAA
FLT3-ITD_F	GCAATTTAGGTATGAAAGCCAGC
FLT3-ITD_R	CTTTCAGCATTTTGACGGCAACC
MLL_PTD_F	TCCAGAGCAGAGCAAACAGA
MLL_PTD_R	TATGTGGCCTTTGGTTCTCC
MiSeq_rs2736627_F1	ACACTCTTCCCTACACGACGCTCTCCGATCTCAGCTGATGAAGAACTTGCTTG
MiSeq_rs2736627_R1	TCGGCATTCTGCTGAACCGCTCTCCGATCTACCTTTGCCCCAGATTTCCAG
MiSeq_rs701848_F2	ACACTCTTCCCTACACGACGCTCTCCGATCTCCTACATGTGCTTTATTGATTTGC
MiSeq_rs701848_R2	TCGGCATTCTGCTGAACCGCTCTCCGATCTCCGCTTAAAATCGTATGAGT
MiSeq_rs1234213_F1	ACACTCTTCCCTACACGACGCTCTCCGATCTCCAAAGAAAGTGTAAAATGTGACTG
MiSeq_rs1234213_R1	TCGGCATTCTGCTGAACCGCTCTCCGATCTTCAAACAAAACAAGCTTTTCC
MiSeq_rs1234224_F1	ACACTCTTCCCTACACGACGCTCTCCGATCTTGAAGTGTGCGGAAAGTGA
MiSeq_rs1234224_R1	TCGGCATTCTGCTGAACCGCTCTCCGATCTCTGAGGGATTAGGGAAGGA
MiSeq_rs74146236_F2	TCGGCATTCTGCTGAACCGCTCTCCGATCTGGTTGACAGAGGGGAAAC
MiSeq_rs74146236_R2	TCGGCATTCTGCTGAACCGCTCTCCGATCTCCTCGAGATGCAAAAATTCCT
MiSeq_rs3895069_F1	ACACTCTTCCCTACACGACGCTCTCCGATCTTGGCAATAGGACATTGTGTC
MiSeq_rs3895069_R1	TCGGCATTCTGCTGAACCGCTCTCCGATCTTAAAACGGGAAAGTGCCATC
MiSeq_tag_F	AATGATACGGGACACCGAGATCTACTCTTCCCTACACGACGCTCTCCGATC*T
iPCRtagR1	CAAGCAGAAGACGGCATAACGATGATGATCGGTCTCGGCATTCTGCTGAACCGCTCTCCGATC*T
iPCRtagR2	CAAGCAGAAGACGGCATAACGATGATGATCGGTCTCGGCATTCTGCTGAACCGCTCTCCGATC*T
iPCRtagR3	CAAGCAGAAGACGGCATAACGATGATGATCGGTCTCGGCATTCTGCTGAACCGCTCTCCGATC*T
iPCRtagR4	CAAGCAGAAGACGGCATAACGATGATGATCGGTCTCGGCATTCTGCTGAACCGCTCTCCGATC*T
iPCRtagR5	CAAGCAGAAGACGGCATAACGATGATGATCGGTCTCGGCATTCTGCTGAACCGCTCTCCGATC*T
iPCRtagR6	CAAGCAGAAGACGGCATAACGATGATGATCGGTCTCGGCATTCTGCTGAACCGCTCTCCGATC*T
iPCRtagR7	CAAGCAGAAGACGGCATAACGATGATGATCGGTCTCGGCATTCTGCTGAACCGCTCTCCGATC*T
iPCRtagR8	CAAGCAGAAGACGGCATAACGATGATGATCGGTCTCGGCATTCTGCTGAACCGCTCTCCGATC*T
iPCRtagR9	CAAGCAGAAGACGGCATAACGATGATGATCGGTCTCGGCATTCTGCTGAACCGCTCTCCGATC*T
iPCRtagR10	CAAGCAGAAGACGGCATAACGATGATGATCGGTCTCGGCATTCTGCTGAACCGCTCTCCGATC*T
MiSeq_sequencing_oligo	AAGAGCGGTTACGACGGAATCCGAGACCGATCTC

Supplementary Table S1. Oligonucleotide primers used for validation of mutations

Primers names reflect the mutations or SNPs they were used to test/validate