

GENE	PRIMER FORWARD	PRIMER REVERSE
ABL1	5'-TACCCGGGAATTGACCTGTC	5'-GGATTTTCAGCAAAGGAGGGC
ATM	5'-GGTATAGAAAAGCACCAGTCCAGTATTG	5'-CGTGAACACCCGGACAAGAGTTT
ATR	5'-AGTAGCTTCCTTTTCGCTCCAAA	5'-ACTGACTCCGGCCACTCCAT
BAX	5'-CAAACCTGGTGCTCAAGGCC	5'-GGGCGTCCCAAAGTAGGAGA
BCL2	5'-CTGGTGGACAACATCGCCCT	5'-TCTTCAGAGACAGCCAGGAGAAAT
BIRC5	5'-CCGGTTGCGCTTTCCTTC	5'-CGCACTTTCTCCGCACTTC
BRCA1	5'-GCATGCTGAAACTTCTCAACCA	5'-GTGTCAAGCTGAAAAGCACAAATGA
BRCA2	5'-AGACTGTACTTCAGGGCCGTACA	5'-GGCTGAGACAGGTGTGGAAACA
CCNB1	5'-ATGACATGGTGCACTTTCCTCC	5'-GCCAGGTGCTGCATAACTGG
CCNB2	5'-GATAACGAAGATTGGGAGAACCC	5'-CCACTAGGATGGCACGCATG
CCNE1	5'-AAATGGCCAAAATCGACAGG	5'-CGAGGCTTGCACGTTGAGTT
CDC2	5'-ACAGGTCAAGTGGTAGCCATGA	5'-ACCTGGAATCCTGCATAAGCA
CDC16	5'-ATGCTGAGGCCTTGGATTACC	5'-TCTCGCCTAAGACCAAGGGC
CDC20	5'-AGATGGACGACATTTGGCCA	5'-ATTGGACTGCCAGGGACACC
CDC34	5'-GGATTCCGCGTGACTGCTGGT	5'-ACCGAAAGGCTGGTGGAGAG
CDK2	5'-TTCTCATCGGGTCTCCACC	5'-TCGGTACCACAGGGTCACCA
CDK4	5'-CTGTGCCACATCCCGAACTG	5'-GCCTCTTAGAAACTGGCGCA
CDK6	5'-CCGAAGTCTTGCTCCAGTCC	5'-GGGAGTCCAATCACGTCCAA
CDK7	5'-TCACATCTTCAGTGCAGCAGG	5'-TGGCAGCTGACATCCAGGT
CDK8	5'-AGCGGGTCGAGGACCTGTTT	5'-CATGCCGACATAGAGATCCCAG
CDKN1A (p21)	5'-TACCCTTGTGCCTCGCTCAG	5'-GGCGGATTAGGGCTTCTCT
CDKN1B (p27)	5'-AGACTGATCCGTCGGACAGC	5'-CACAGAACCGGCATTGTTGGG
CDKN2A (p14-p16)	5'-CAACGCACCGAATAGTTACGG	5'-CTGCCATCATCATGACCTG
CDKN2B (p15)	5'-ATCCAACGGAGTCAACCG	5'-CTGCCATCATCATGACCTG
CDKN3	5'-TGAAGCCGCCAGTTCAATA	5'-CAACCTGGAAGAGCACATAAACC
CHEK1	5'-GAGCGTTTTGTTGAACAAGATGTG	5'-GTTGGTCCCATGGCAATTCT
CHEK2	5'-TCAGCAAGAGAGGCAGACCC	5'-ACAGCTCTCCCCCTTCCATC
CUL3	5'-GGTAAACCAACACAGCGGGT	5'-CTGGGTCCGATTACCTTGT
E2F4	5'-GCATCCAGTGGAAAGGGTGTG	5'-ACGTTCCGGATGCTCTGCT
GADD45A	5'-GATGCCCTGGAGGAAGTGCT	5'-GAGCCACATCTCTGTCGTCGT
KNTC1	5'-ATAGTCAACCCAGAGTGGGCTGT	5'-TTTCACGTTTTTCGTCCTGCG
MCM2	5'-TGCCACTGTCATCCTAGCCA	5'-GATGGAAGGAGCAATGCTGG
MKI67	5'-TGTGCTGCTCGACCCTACA	5'-TGAAATAGCGATGTGACATGTGCT
PCNA	5'-TTTGGTGCAGCTCACCTG	5'-CGCGTTATCTTCGGCCCTTA
RB1	5'-GACCCAGAAGCCATTGAAATCT	5'-GGTGTGCTGGAAAAGGGTCC
RPA3	5'-TTCGTAGGGAGGCTGGAAAA	5'-CCTTGGCGGTTACTCTTCCAA
TP53	5'-GCGTGTTTGTGCCTGTCTG	5'-TGGTTTCTTCTTGGCTGGG
UBE1	5'-CCATAAACGCCTTCATTGGG	5'-TGGAGGCACCTGTCTCTGTG
GAPDH	5'-GCAAATTCATGGCACCGT	5'-TCGCCCACTTGATTTGG