

Additional file 1

qRT-PCR Primers

Target	5'-3' sequence forward	5'-3' sequence reverse	Product size [bp]
p57 / <i>CDKN1C</i>	GCGGCGATCAA GAAGCTG	CGACGACTTCTC AGGCGC	71
BCL-XI	TAAACTGGGGT CGCATTGTG	AGGTAAGTGGCC ATCCAAGC	118
BCL-Xs	GCAGTAAAGCA AGCGCTGAG	GTTCCACAAAAGT ATCCTGTTCAAAG	139
BCL-2	CCTGTGGATGA CTGAGTACCTG	CAGAGGCCGCAT GCTGGG	106
TBP	ACAACAGCCTG CCACCTTA	GAATAGGCTGTG GGTCAGT	119

ChIP qPCR Primers

Target	5'-3' sequence forward	5'-3' sequence reverse	Product size [bp]
<i>BCL-2</i> TSS	CCGTTGCTTTTCCTCT GGGA	CATCTCCCGCATCCC ACTC	126
<i>BCL-2</i> TSS +2kb	TGTGGTGTGCTTCTT GACATCT	GTGCTTCCTTTTATAGCC TCTTGG	118
<i>BCL-2</i> TSS -2kb	TGTGGGAGTGTGTGT GTCGC	GAGCGCCGGTAACACAA CGT	93
<i>BCL-X</i> TSS	GACTCAGTGAGTGAG CAGGTGT	CTCCAGCTGTATCCTTTC TGGG	136
<i>BCL-X</i> TSS +2kb	CCCTGACCCACCCC AGTTA	TGAGTTTGCCCTGGAACC CC	132
<i>BCL-X</i> TSS -2kb	ACAAGCCGGCCTCAG TTTCC	TCTCTCCCCGGTCCTGAT GC	139
<i>BIRC5</i> TSS	AACCGCCAGATTTGAA TCGC	GATGCGGTGGTCCTTGA GAA	108
<i>BIRC5</i> TSS +2kb	TGAGAATGTTGGAGG GATTTGACA	GCACCTTCTCTCTCCCTG TGG	148
<i>BIRC5</i> TSS -2kb	CGTCCTTGGTCTGTG CCTGG	GTCCTGCTGATTGGCTCG CT	82
<i>c-MYC</i> TSS	GTCTTTTCTCCCATTC CTGCG	GCCTTCTCCTCTCCCATC TTG	128
<i>c-MYC</i> TSS +2kb	CCACCTCCAGCTTGTA CCTGC	AGAAGGCGCTGGAGTCT TGC	135
<i>c-MYC</i> TSS -2kb	TGCGGGTTACATACAG TGCACT	GGAGAGGAGTATTACTTC CGTGCC	150
<i>p57KIP2</i> TSS	GCTGCCCGCGTTTGC	CGCACTAGTACTGGGAA GGTCC	105
<i>p57KIP2</i> TSS +2kb	AAAACCGAACGCTGCT CTGC	TAGAGCCCAAAGAGCCC CGA	125
<i>p57KIP2</i> TSS -2kb	TCGGGATGGGGACTG TCAGA	TCAAAGGCAGGCTGGTT GGG	149
<i>SKP2</i> TSS	GCGAGCAGCTCTGCA GTTA	TAGCGATATTCGCGGCCT AA	138
<i>SKP2</i> TSS +2kb	CCACTGCAAAGACCCT GGTG	ACCTCCAGCCTGATCTCC CC	114
<i>SKP2</i> TSS -2kb	GCTTAGCCTAGGATTC TGCACC	TGCCTCTTGAGGAAGGA ATTCA	123

Antibodies

Target	Cat.-No.	Source	dilution
Rabbit-IgG	sc-2004	SantaCruz Biotechnology	1:5000
Mouse-IgG	sc-2005	SantaCruz Biotechnology	1:5000
α -tubulin	ab4075	abcam	1:10000
BRD4	ab84776	abcam	1:1000
C-MYC	#13987	CellSignalingTechnology	1:1000
PARP	#9532	CellSignalingTechnology	1:1000
cleaved PARP	#9541	CellSignalingTechnology	1:1000
Caspase-3	#9665	CellSignalingTechnology	1:1000
cleaved Caspase-3	#9664	CellSignalingTechnology	1:500
EZH2	ab3748	abcam	1:1000
p-p57KIP2_T310	#2558	CellSignalingTechnology	1:1000
p57KIP2	#2557	CellSignalingTechnology	1:500
pAKT_S473	#4058	CellSignalingTechnology	1:1000
AKT	#2967	CellSignalingTechnology	1:1000
SKP2	#4358	CellSignalingTechnology	1:500
BCL-XI	556361	BD	1:2000
Survivin	#2808	CellSignalingTechnology	1:1000
STAT3	#9139	CellSignalingTechnology	1:1000
pSTAT3	#9145	CellSignalingTechnology	1:1000
H3	#3638	CellSignalingTechnology	1:1000
H3Ac	39139	active motif	1:2000
H4Ac	39243	active motif	1:1000
Rabbit IgG isotype control	31887	invitrogen	15 μ g/ml
H3K27Ac	39133	active motif	15 μ g/ml
H3K4me3	39915	active motif	15 μ g/ml