

Table S3. Sequence of DNA and RNA oligonucleotides used in this paper

Gene	Usage	Size (bp)	Sequence 5'	Sequence 3'
Ankrd2	RT-PCR	173	CGTGAGACTCAACCGCTACA	TCTCCAGTCCGTTCTGCTCT
Beta-actin	RT-PCR	157	CAGCTTCTTTGCAGCTCCTT	CACGATGGAGGGGAATACAG
B-myb	RT-PCR	570	CTGGAAGTTCCTGGCCAGTCA	ATCTCCTCCTCGCTGCTCTCCTCCTCACA
Brca1	RT-PCR	183	CGTGCAAAAGTTTGCTGAAA	TCTTGGATAGACCGGACCAC
Ccnb1	RT-PCR	283	GGCTGACCCAAACCTCTGTA	TGCAATAAACATGGCCGTTA
Ccnd1	RT-PCR	154	TTGACTGCCGAGAAGTTGTG	CTGGCATTGGAGAGGAAG
Ccne1	RT-PCR	371	CACCCCCACCCAGCAGTAAG	CATGGCGTGGCCTCCTAAC
Cdc2	RT-PCR	220	GGGAATTGTGTTTGCCACT	GATGTCAACCGGAGTGGAGT
Cdk2	RT-PCR	193	GTGGTTTGCCAGGAGTTAC	CATCCTGGAAGAAAGGGTGA
Csrp3	RT-PCR	150	TGGGAAGAGCCTGGAGTCTA	GAAAGCAGGCAGCTTCACTC
Dp1	RT-PCR	117	TTGTCAACACCAGCAGGAAG	GCTTGAGCACCTCAATGTCA
Mck	RT-PCR	120	GATTCTCACTCGCCTTCGTC	ACCTGTTGACTTCGGATGA
Mcm3	RT-PCR	299	GAGGACCAAGGCATTACCA	CAGACCACACAGCTGAGGAA
Mcm5	RT-PCR	99	CATTGTCCAGGACTTCACCA	TGCATACGGTGTGGATCTC
Mef2c	RT-PCR	259	TCCACCTCGGCTCTGTAAC	CAGCTGCTCAAGCTGTCAAC
Mhcllb	RT-PCR	117	GCAGGACTTGGTGGACAAAC	AGCTCGTGTGGATCTTACG
Mlc1a	RT-PCR	276	AAAGAAAGCAACGGCACAGT	GGAAGGTTGTGGGTGAGAGA
Myf5	RT-PCR	417	AGACGCCTGAAGAAGGTCAA	TGGAGAGAGGGAAGCTGTGT
Myod1	RT-PCR	312	TACAGTGGCGACTCAGATGC	CTGGGTTCCCTGTCTGTGT
Myog	RT-PCR	219	CAGTGAATGCAACTCCCACA	ACCCAGCTGACAGACAATC
p107	RT-PCR	259	CCGCTCTCTCCTTCCCACA	GGCAGAGACGTTTGGCAGGT
p130	RT-PCR	239	TCCCCTCTCCTATCCAT	ATCACTTCCGTCGTCCAAG
pRb	RT-PCR	230	AAAAAGCTGCGCTTTGACAT	ACAACCATGAGCCAGGAGTC
s26	RT-PCR	123	GCCATCCATAGCAAGGTTGT	GCCTCTTACATGGGCTTTG
Uhrf1	RT-PCR	167	CCTGAGCAAGGTGAAAGAGG	AGCTGTGGTCCAGCTCAAAG
RB no. 1	siRNA	-	GGAGUUUGAUUCCAUAUAUU	-
RB no. 2	siRNA	-	GCAUAUCUCCGACUAAUAUU	-
p107	siRNA	-	CAAGCUAAUAGUCACGUAUDDT	-
p130 no. 1	siRNA	-	GCGAUGAUCUGGUCAUUCUU	-
p130 no. 2	siRNA	-	GCAGAAAUGCUCUACUAUAUU	-
Ankrd1	ChIP	193	GCTTGTCATCTCCCTCTGG	GTGGATGAACCCCTGGAAC
$\beta$ -actin	ChIP	92	GAGACATTGAATGGGGCAGT	ATGAAGAGTTTTGGCGATGG
B-myb	ChIP	80	GCGGGAGATAGGAAAGTGGT	CGTGTCTGCAGGTCTGGTC
brca1	ChIP	181	TGAGCCATCTTATTAGTCCCTTG	GCCTCCAACCTGAAGCAATC
bub1a	ChIP	150	GCCAGTTGCCATTTATACCG	CCCGCAGTTCTTTTCATTG
Ccnd1	ChIP	130	TCCCTCCTAGCTGTCCTCT	CGGACTGCTTCTCCTCAAAC
Ccne1	ChIP	115	GCCACATTGACAAGCTTCAG	GGTCTGCTGCCTACAGGGTA
cdc25c	ChIP	96	TCATGTTCTGGTGCATGAT	AGCCAGAGGTCTGACCATTG
cdc2a	ChIP	116	GCTACCACGCCAGCTAATA	TGTGTGTAATTTCCCTCCAAGA
cdc7	ChIP	123	GTGTGAGGCCGAGAGAGAAC	GGAAGAGTGCAGCAGAGAGG
Cdca1	ChIP	109	AGTTCTGCTGCTCCAAGGAA	CTGTGGCTGAGAATGATGA
Cdk2	ChIP	109	AAGGGCTGAGCTCTCCTTG	GGGAACCCGTGACGAAAGC
Ckm	ChIP	102	AGGGATGAGAGCAGCCACTA	CAGCCACATGTCTGGGTTAAT
Diap3	ChIP	258	GTGGCGGGAGATTCAGATA	CTGGCCACACTTACCAACT

E2F1	ChIP	112	TAAGATGCCTCAGGGACCCAG	CATTGTAGGGGTGGAGTGGGA
Hoxa5	ChIP	86	CCCCGAATCCTCTGTATCCT	TTCCCTCGCAGTTCATTAG
Hoxb8	ChIP	91	CAACAACAGACTCCGGCTTT	GAGGGAATTGGCTGGGTAAC
Hoxd10 +0.5 kb	ChIP	119	GCTGAAAACCTCCCCATCTT	CCTACTTGGCGCATTTTCTC
Hoxd10 -5 kb	ChIP	111	CCCCGAGTCTTGTCTGTT	CCTTCGGGGCTGTATTGTA
Id1	ChIP	152	CAACAGCATCTGGGAATCCT	TGCGGTAAACAAAAGACCC
Id2	ChIP	171	TGTGCAAACCCCACTAATGA	GCCTTCTCGGAAACTCAGTG
IDB3	ChIP	148	TTCCCTCCTTCTTCTGCAA	ATTTGCTGCTCGTCTGACCT
Ier3	ChIP	180	TGGACCATCTGCTACGTGTC	GGAAATTCCAAGGAGGAAGC
Ier5	ChIP	164	CTGGGGAACGAAATGAAAGA	GTTGGAGTTAGCCCCITTC
Igfbp2	ChIP	90	GGAGGAGAAAAGAAGGCAAGG	CTTGTGGGCAACGGTAGTG
Mcm3	ChIP	205	GAATGCAGTGCTTCTAGCC	CGGAAGTTTATGGTGGAGGA
mcm5	ChIP	206	AACCAATAGGAGCGCAGAGA	AAGCCCGACATGACTGTACC
Mef2c	ChIP	135	GGGGAGAGAGCAGTTCTGTG	TCCCTCTGCACAAGTGTCTG
Myh4	ChIP	283	CACCCAAGCCGGGAGAAAACAGCC	GAGGAAGGACAGGACAGAGGCACC
neil3	ChIP	95	GGCTCAGGAAATACCGATGA	CCTAGGTGGTGGGACTCT
nqo1	ChIP	120	GGACAGGGAGCAGATGAATTT	GTTTGGGGCTGGACTAGGAC
Nusap1	ChIP	125	TGAAACACGGCACATCTCTC	GAGTGGGACACTCAGGTGGT
plscr1	ChIP	113	GAACCGCTATTTCTGGCGTA	CCATTCATTAGCTGTATCCCAAC
Psmb1	ChIP	105	CTGCCACCAAGAAAGCAAGT	CCTGGGTCTTTGGAAGAAT
rad54l	ChIP	120	ACACTGCCTGGAGGCTCTTA	AAAATCCAGGTGGGAGGAG
Snai2	ChIP	152	ACTCTTCCAGTTCCTGGGGT	CTGTAGGCTCTGGCTTTTGG
spbc25	ChIP	95	CCATAGTTGTCCGCGAGAAT	CCCTCAACTCCGTCTTCTG
tacc3	ChIP	82	CACAGGTGGCTTACGGAAG	CGCCCCAGATTCAAATACC
Tk1	ChIP	193	GAAGAAATCTGGCGCTCAAC	AGCTACGTGAAAAGCCTGGA
Trim16	ChIP	139	GCTCAGGAATCTTGCCCTTT	TGGCTCAGGCTTCTCATTCT
Uba52	ChIP	117	GGTGATGGTAACGTGCCTTT	ACCGCGGTGAGTACTAGGC
Ube2c	ChIP	99	CAAACCTAAGCGAGCCTTTG	GTGGAGAGGAAAGGGCAACT
Ube2t	ChIP	100	GAGTCATTCCAACGGTCTCC	TTCCCTCAGGTGGCACTC
Uhrf1	ChIP	95	CACTTGGGTCTTCAGCCACT	CACTCTCTCTCCCTTGGA
Zfp36l2	ChIP	95	CTCAGGTCTCCGAGTTCAC	GGCAGAGGAGAAGCGAGAG