

Figure A

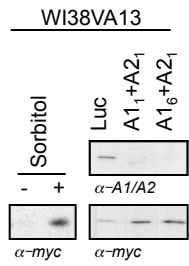


Figure B

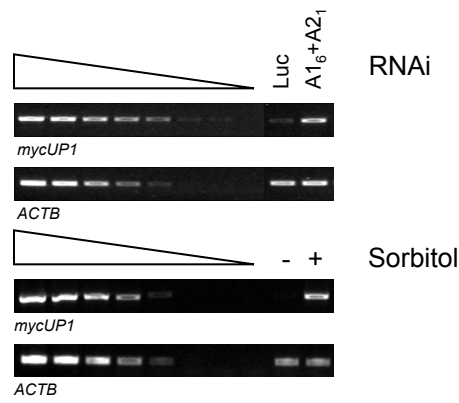


Figure C

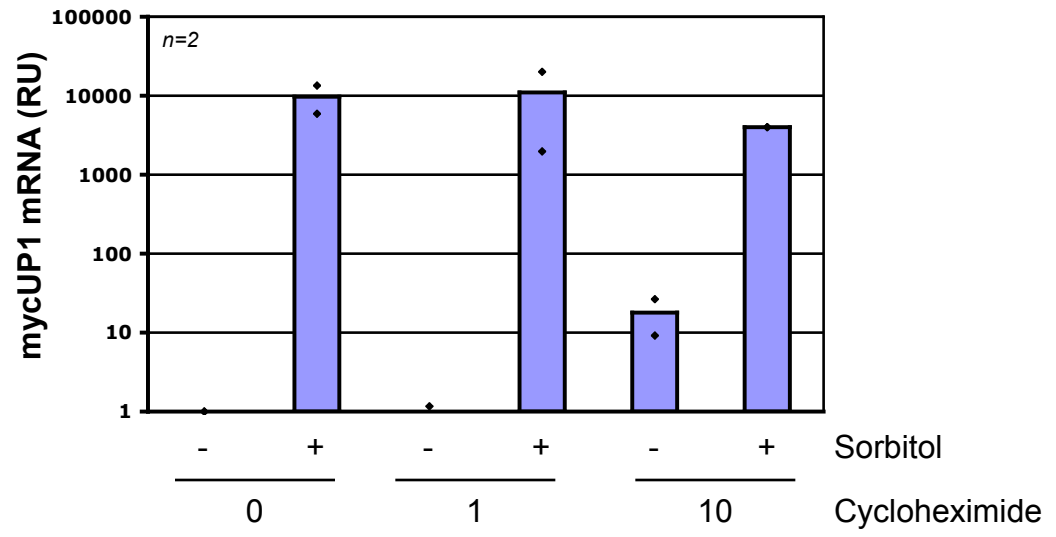


Figure D

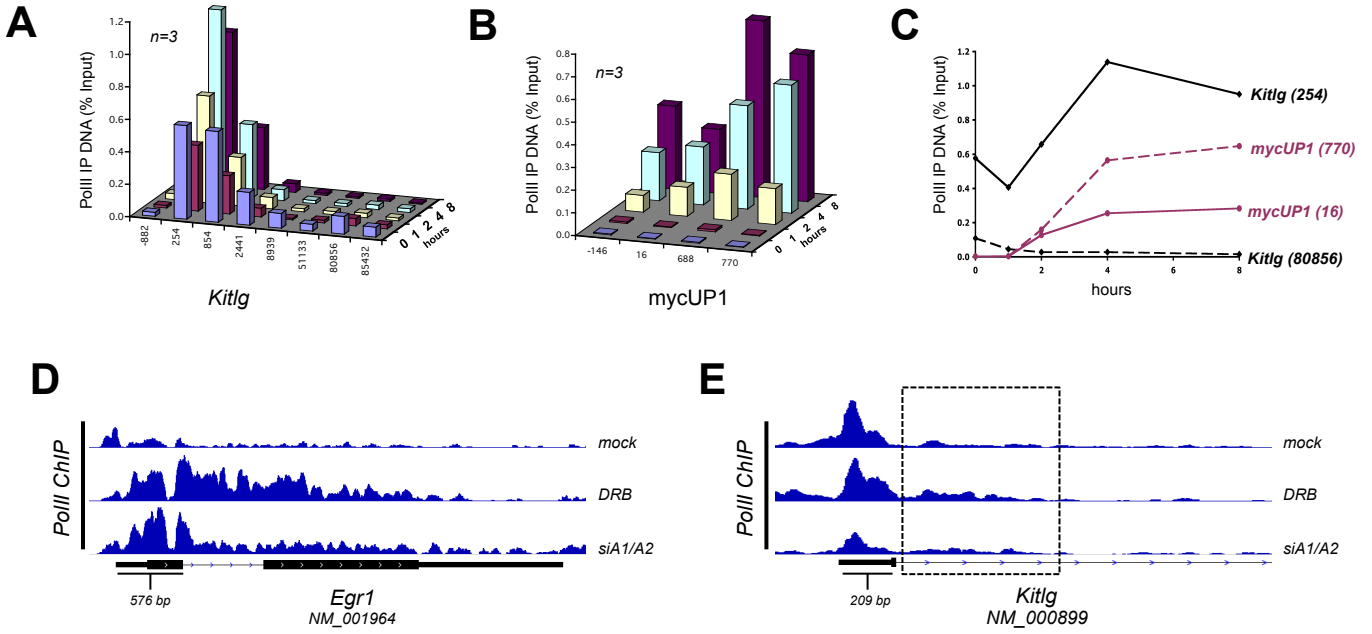


Table A. Sequences of siRNAs.

Gene target	siRNA name	SEQUENCE
hnRNP-A1	A1 ₁	UGGGGAACGCUCACGGACU
hnRNP-A1	A1 ₂	UGAGAGAUCCAAACACCAA
hnRNP-A1	A1 ₅	AUCAUGACUGACCGAGGCA
hnRNP-A1	A1 ₆	CUUUGGUGGUGGUCGUGGA
hnRNP-A2	A2 ₁	GCUUUGAAACCACAGAAGA
luciferase	luc	AACAUCACGUACGCGGAAUAC

Table B. Oligonucleotides used for RT-PCR analysis.

RT Reaction
 RT101 GAGGACTCGAGCTCAAGCTTTTTTTTTTTTTTTTTTTVN
 RT102_7SK GAGGACTCGAGCTCAAGCGCCTCATTGGATGTGTCTG

	Forward		Reverse	
sqRT-PCR				
ACTB	ACTB-F	GCGGGAAATCGTGC GTGACATT	ACTB-R	GATGGAGTTGAAGGTAGTTTCGTG
CMVmycUP1	UPI-F	CAAGAGAAGATTCTCAGC	RT102	GAGGACTCGAGCTCAAGC
qRT-PCR (fig 2)				
ACTB	ACTB_gbl_for_1	TTCCTGGGCATGGAGTC	ACTB_gbl_rev_1	CAGGTCTTTGCGGATGTC
CMVmycUP1	pcDNA-F1	CTGCAGATATCCAGCACAGT	RT102	GAGGACTCGAGCTCAAGC
qRT-PCR				
mycUP1	pcDNA-F1	CTGCAGATATCCAGCACAGT	RT102	GAGGACTCGAGCTCAAGC
EGR1	qRT EGR1-F4	TGGGTGCCGCTGAGTAAATG	qRT EGR1-R4	CTGACCCGAGAGTCTTTTCCTG
KITLG	qRT KITLG-F1	CAAAAATCCCCTGGAGAC	qRT KITLG-R1	CAACTGCCCTTGTAAGACTTGG
7SK (1)	qRT 7SK-F1	GAGGGCGATCTGGCTGCGACAT	qRT 7SK-R1	ACATGGAGCGGTGAGGGAGGAA
7SK (2)	qRT 7SK-F2	AGGACCGGTCTTCGGTCAA	qRT 7SK-R2	TCATTTGGATGTGTCTGGAGTCT
7SK (3)	qRT 7SK-F3	CATCCCCGATAGAGGAGGAC	RT102	GAGGACTCGAGCTCAAGC
ACTB	qRT ACTB-F1	GCGGGAAATCGTGC GTGACATT	qRT ACTB-R1	GATGGAGTTGAAGGTAGTTTCGTG
GAPDH	qRT GAPDH F2	TGCCACCAACTGCTTAGC	qRT GAPDH-R2	GGCATGGACTGTGGTCATGAG
B2M	qRT B2M-F1	TGCTGTCTCCATGTTGATGTATCT	qRT B2M-R1	TCTCTGCTCCCCACCTTAAGT
RPL13A	qRT RPL13A-F1	CCTGGAGGAGAAGAGGAAAGAGA	qRT RPL13A-R1	TTGAGGACCTCTGTGTAATTTGTCAA

Table C. Oligonucleotides used for qPCR time-course analysis of transcription and for chromatin immunoprecipitation assays.

Gene	Amplicon ID	Forward Primer	Reverse Primer
mycUP1	-146	ATGGTGATGCGGTTTTGGCAG	AAGTCCCGTTGATTTTGGTGCC
mycUP1	16	ATTGACGCAAATGGGCGGTAG	TTTAAACGCTAGCCAGCTTGGG
mycUP1	688	GATGACCATGACTCTGTGGA	TCTGCAGAATTCTTAGCGAC
mycUP1	770	GAAGCAAGAGATGGCTAGTG	AACTAGAAGGCACAGTCGAG
Egr1	-1625	TCCTTCCCCACATTCTTTTCTGC	ACCCCAAAGGGAACAGGGATTTC
Egr1	-807	ACAGTGTCCCAAGAACCAAGTG	TCGATCTATGGCACGGTGTCTTTC
Egr1	-65	TGCCATATTAGGGCTTCTGTCTTC	ATTGAAGGGTCTGGAACGGC
Egr1	2224	AAGTTTGCCAGGAGCGATGAAC	AGGCCACAACACTTTTGTCTGC
Egr1	3443	TTGGCCAACAATCCTTTCTGCC	TTGGACATGGCTGTTTCAGGC
Kitlg	-882	TGAGAAAGTGAGAACGCAGTCC	AAACCTGTAATCAGGGCGAAGC
Kitlg	254	TAATCTGCCAAACTTCTGGGGC	GAGAAGCAGGCAAGGGCG
Kitlg	854	AGCCAGTGTCAAGTTTGGAGC	AACATTCCATGGCCAAAAGCC
Kitlg	2441	TGCTGCCGACCAGAGAAATTTG	AGGGCCTGCACTTTAACTTGTG
Kitlg	8939	TTCACAGCACTTTTCCGCTGAG	AATGCGCTGTGGTTAATGCCAG
Kitlg	51133	TGTTCGTTTCTGCGAAGACCAG	TTTTTGGCACCCATTCCCACTC
Kitlg	80856	TGGGGCTTAAATGCCTTGTGTC	ACCTCAGCTTTGATTGTCACCC
Kitlg	85432	AACCCAGGTGCTTTGAGAAGC	ACAGTCAATGCCACACACTGAG

The amplicon ID indicates the position of the central base pair of the amplicon relative to the transcription start site based on Aceview database for the RefSeq NM_000899 for Kitlg.