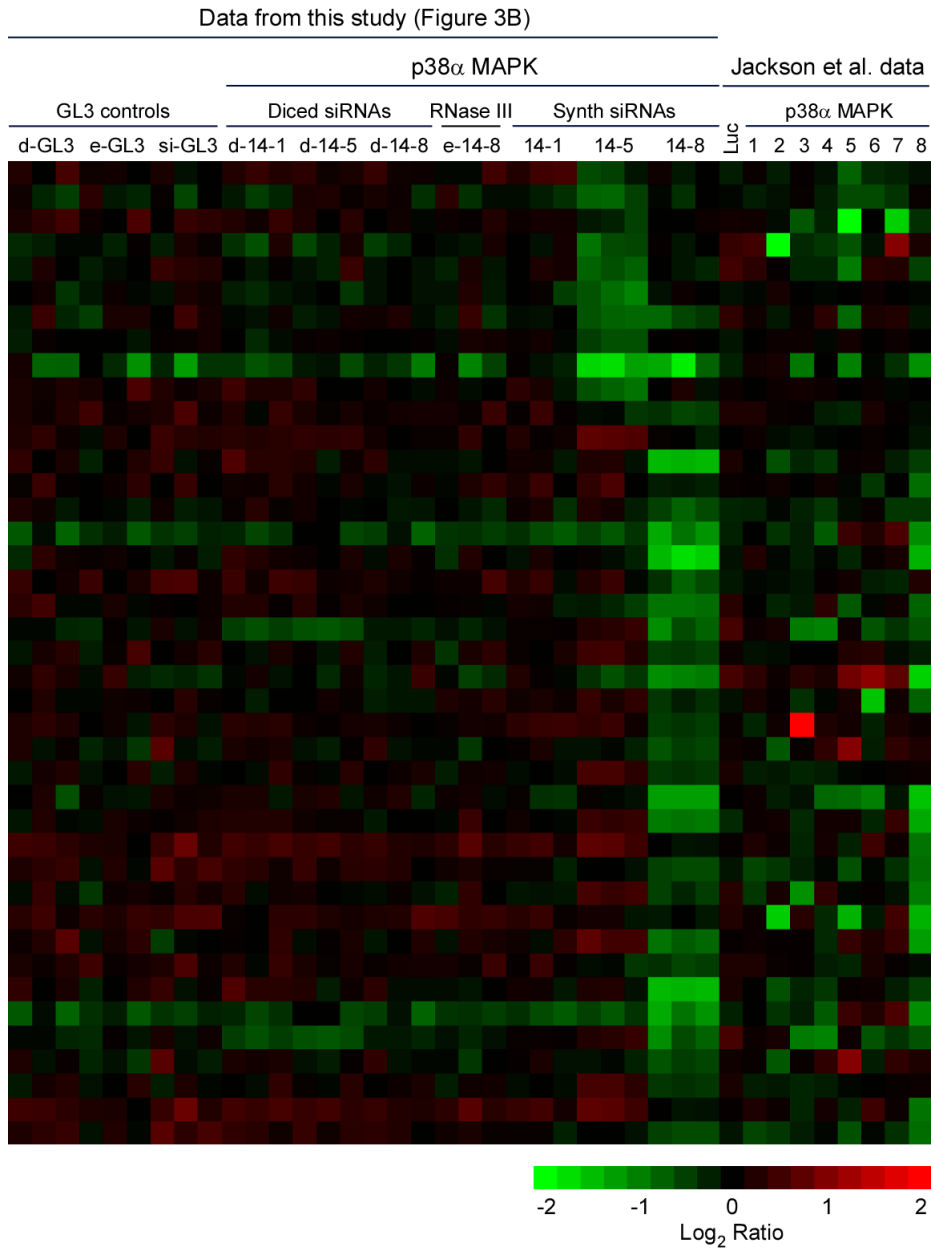


Supplementary Table 1. Sequences of cloned siRNAs

Nucleotide Position	Sequence	Times isolated
828	GTTGTTGCAGGAGACCATGT	1
853	ACTGTCTCCATTATTGATCGG	1
865	ATTGATCGGTTTCATGCAGA	1
868	GATCGGTTTCATGCAG	1
887	ATTGTGTGCCCAAGAAGATGC	1
893	TGCCCAAGAAGATGCTGCAGCT	1
897	CAAGAAGATGCTGCAGCTGGTT	1
906	GCTGCAGCTGGTTGGT	3
909	GCAGCTGGTTGGTGTCACT	1
916	GTTGGTGTCACTGCCATGTTT	1
953	AAGAAATGTACCCTCCA	1
981	CTTTGCTTTGTGACTGACAA	1
982	TTTGCTCTGTGACTGACAACA	1
986	CTTTTGTGACT	1
1028	AGATGAAAATGAAGGTTCTAA	1
1048	AGAGCTCTAAACTTTGGTCT	1
1058	ACTTTGGTCTGGGTCGGCC	1
1061	TTGGTCTGGGTCGGCCTCTAC	2
1066	CTGGGTCGGCCTCTACCTTG	2
1067	TGGGTCGGCCTCTACCTTGC	1
1074	GCCTCTACCTTTGCACTTCCT	1
1103	CATCTAAGATTGGAGAGGTTG	1
1105	TCTAAGATTGGAGAGGTTGA	1
1105	TCTAAGATTGGAGAGGTTGATG	1
1114	GGAGAGGTTGATGTCGAGC	1
1145	CCAAATACCTGATGGAA	1
1152	CCTGATGGAACTAACTATG	1
1169	TGTTGGACTATGACATGGTGC	1
1176	CTATGACATGGTGCACCTTCC	1
1185	GGTGCACCTTCCTCCTTCTCA	1
1190	ACTTTCCTCCTTCTCAAATTG	2
1192	TTTCCTCCTTCTCAAATTGCAG	1
1194	TCCTCCTTCTCAAATTGCAGCA	1
1195	CCTCCTTCTCAAATTGCAGCA	2
1197	TCCTTCTCAAATTGCAGCAGG	1
1198	CCTTCTCAAATTGCAGCAGG	1
1198	CCTTCTCAAATTGCAGCAGGA	1
1210	GCAGCAGGAGCTTTTTGCTTA	1
1219	GCTTTTTGCTTAGCACT	1
1220	CTTTTTGCTTAGCACTGAAAA	1
1256	AATGGACACCAACTCTACAAC	1
1300	TCTCTTCTCCAGTTATGCAG	1
1335	TGTAGTCATGGTAAATCAAGGA	1
1342	ATGGTAAATCAAGGA	1
1390	GCCACATNGAAGCATGC	1
1398	GAAGCATGCTAAGATCAGC	2
1413	CAGCACTCTACCACAGCTGA	1
1447	CAAGATTTAGCCAAGGCTGTGG	1
1448	AAGATTTAGCCAAGGCTGTGG	3
1456	GCCAAGGCTGTGGCAAAGGTG	1
1458	CAAGGTGTGGCAAAG	1

Note: Nucleotide position is relative to start codon as defined by human cyclin B1 sequence (NM 031966).



Supplementary Figure 1. Comparison of off-target effects to previous data. mRNAs whose abundance decreased and had a match in their 3'-UTR to the seed region of a particular siRNA were selected from our data and previous data and are represented in the form of a heat map (Jackson et al 2003).