

Supplementary Table 1

SiRNA ID	Sequence 5'-3'
AID Sense #2	AAGCAACCUCCUGGAAUGU[dT][dT]
AID Anti-Sense #2	ACAUUCCAGGAGGUUGCUU[dT][dT]
AID Sense #3	CGAGAUGCAUUUCGUAUGU[dT][dT]
AID Anti-Sense #3	ACAUACGAAAUGCAUCUCG[dT][dT]
SOCS1 Sense #1	CUACCYGAGUUCUUCUCC[dT][dT]
SOCS1 Anti-Sense #1	GGGGAAGGAACUCAGGUAG[dT][dT]
SOCS1 Sense #2	CCUCCGCUCCACUCCGA[dT][dT]
SOCS1 Anti-Sense #2	UCGGAGUGGGAGCGGAAGG[dT][dT]
P53 Sense #1	AAGUCUGUUAUGUGCACGUAC[dT][dT]
P53 Anti-Sense #1	GUACGUGCACAUAACAGACUU[dT][dT]
P53 Sense #2	CCACUUGAUGGAGAGUAUU[dT][dT]
P53 Anti-Sense #2	AAUACUCUCCAUCAAGUGG[dT][dT]

Supplementary Table 2

primers ID	Sequence 5'-3'
p15 Forward	AGATCCCAACGCCCTGAACC
p15 Reverse	CAGTTGGGTTCTGCTCCGTG
p16 Forward	GAACTCTTCGGTCGTACCC
p16 Reverse	GCACCGTAGTTGAGCAGAAG
p21 Forward	GTCAGAGTCTAGGGGAATTG
p21 Reverse	TCGGACATCACCAGGATTGG
p57 Forward	CCAATGCGAACGACTTCTTC
p57 Reverse	CAGATGCCAGCAAGTTCTC
cdc25c Forward	AGCTTCTTTGTAGTACTCCG
cdc25c Reverse	ACACAGAGGAGAAGTCAGAG
GADD45a Forward	TAGTGAGCTGCTGCTACTG
GADD45a Reverse	GATCCATGTAGCGACTTTCC
PCNA Forward	CGAGACCTTAGCCATTGG
PCNA Reverse	CTGTAGGAGACAGTGGAGTG