

Table EV1: Oligonucleotide and siRNA sequences

RT-qPCR primers

Gene	fw primer	bw primer
AMOTL2	AGGCTGCAGAGAGACAATGAG	CTCAGAGAGCCGCTGGATT
CCNA2	GGTACTGAAGTCCGGGAACC	GAAGATCCTTAAGGGGTGCAA
CCND1	GGCGGAGGAGAACAACAGA	GGAGGGCGGATTGGAAATGA
CCNE1	AGAGGAAGGCAAACGTGACC	GGGTCTGCACAGACTGCAT
CDC20	CTGTCTGAGTGCCGTGGAT	TCCTTGTAATGGGGAGACCA
CDK4	ACACCCGTGGTTGTTACACT	TCGGCTTCAGAGTTTCCACA
CDK6	AAGTCTTGCTCCAGTCCAGC	CTGGGAGTCCAATCACGTCC
FANCD2	AAGTCGAAAACACGGGCGG	GGCATCTTCTGTCAGGCTCT
KIF23	CCTAACGTCCC GCAGTCTT	AGGTTTCCGGGGTGTCTTAG
MYBL2	TCCACACTGCCCCAAGTCTCT	AGCAAGCTGTTGTCTTCTTTGA
PKMYT1	CACCACTGAGGCTGTTGGG	GAAGTAGGCTGGGACTGGGA
RRM2	TGCGTCGATATTCTGGCTCA	TCCTCCGATGGTTTGTGTACC
TK1	GTCATAGGCATCGACGAGGG	CCAGTGCAGCCACAATTACG
TMYS	CTGGGGCAGATCCAACACAT	CACACGTTTGTTGTCAGCA
WEE1	AAGCTGCGACTCTTCGACAC	AGCTGGAATCAATTCCCCGA

siRNAs

Gene	Name/ sequence	Reference
ctrl	Cat#4390843	Thermo Fisher Scientific
WEE1	CAUCUCGACUUAUUGGAAatt	
PKYMT1	GGACAGCAGCGGAUGUGUUtt	