

Table SI. Primer sequences used for reverse transcription-quantitative PCR analysis.

Name	Sequence
β -actin-F	5'-TGGCACCCAGCACAATGAA-3'
β -actin-R	5'-CTAAGTCATAGTCCGCCTAGAAGCA-3'
UBE2A-F	5'-TGCGGGACTTCAAGAGGTTG-3'
UBE2A-R	5'-TGCATAGACATCCTCAAACGGG-3'

F, forward; R, reverse; UBE2A, ubiquitin-conjugating enzyme E2.

Table SII. siRNA sequences targeting UBE2A.

Name	Sequence
Negative control	S: UUCUCCGAACGUGUCACGUTT A: ACGUGACACGUUCGGAGAATT
UBE2A-si1	S: GCGUGUUUCUGCAAUAGUAGA A: UACUAUUGCAGAAACACGCUU
UBE2A-si2	S: GUGUUUCUGCAAUAGUAGAAC A: UCUACUAUUGCAGAAACACGC
UBE2A-si3	S: GAUUUGUCUCUAAGAUGUUCC A: AACAUUUAGAGACAAAUCUA

S, sense; A, antisense; si, small interfering RNA; UBE2A, ubiquitin-conjugating enzyme E2.