

De-acetylation and degradation of HSPA5 is critical for E1A metastasis suppression in breast cancer cells

Supplementary Material

Supplementary Table S1: Sequences and information of PCR primers for mRNA and cloning

mRNA PCR primers
HSPA5
5'-AGCCTGGCGACAAGAGTG-3' (forward)
5'-AATCCAATACTGCCCAAGGA-3' (reverse)
Universal ProbeLibrary Probe #39
GP78
5'-CTACACCCACGGAATGCAC-3' (forward)
5'-GCAGTCCTCACTGTCACAAGA-3' (reverse)
Universal ProbeLibrary Probe #46
CHIP
5'-AGGCCAAGCACGACAAGTA-3' (forward)
5'-CAGGTAGTCGGGGATGTCTC-3' (reverse)
Universal ProbeLibrary Probe #35
CUL5
5'-AGAATGTAACTCCGTTGAAGCAC-3' (forward)
5'-ATGCCTTGGCACTCAGCTA-3' (reverse)
Universal ProbeLibrary Probe #37
PARKIN
5'-GGAGCTGAGGAATGACTGGA-3' (forward)
5'-ACAATGTGAACAATGCTCTGCT-3' (reverse)
Universal ProbeLibrary Probe #85
GAPDH
5'-AGCCACATCGCTCAGACAC-3' (forward)
5'-GCCCAATACGACCAAATCC-3' (reverse)
Universal ProbeLibrary Probe #60
Cloning primer
HSPA5
5'- <u>ggggatcc</u> ATGAAGCTCTCCCTGGTGG-3' (forward)
5'- <u>ggctcgag</u> CAACTCATCTTTTTTCTGCTG-3' (reverse)
GP78

5'- <u>gggatcc</u> ATGCCGCTGCTCTTC-3' (forward)
5'-ggtctagaCTAGGAGGTCTGCTGCTTCTG-3' (reverse)
Ub
5'-ATGGATTACAAGGATGACGACGATAAGATGCAGATTTTCGTGAA-3' (forward)
5'-ggtctagaTTAACCACCTCTCAGAC-3' (reverse)
HSPA5 (K352R)
5'- CCAGAAAGTGTGGGAAGATTCTGATTTGAGGAAGTCTGAT-3' (forward)
5'-ATCAGACTTCCTCAAATCAGAATCTTCCAACACTTTCTGG-3' (reverse)
HSPA5 (K353R)
5'-CGTCCAGAAAGTGTGGGAAGATTCTGATTTGAAGAGGTCTGATATTG-3' (forward)
5'-CAATATCAGACCTCTTCAAATCAGAATCTTCCAACACTTTCTGGACG-3' (reverse)
HSPA5 (K2R)
5'-CCAGAAAGTGTGGGAAGATTCTGATTTGAGGAGGTCTGAT -3' (forward)
5'-ATCAGACCTCCTCAAATCAGAATCTTCCAACACTTTCTGG-3' (reverse)
E1A (F66A, D68A)
5'-GGTTTCGCAGATTGCTCCCGCCTCTGTAATGTTGGC-3' (forward)
5'-GCCAACATTACAGAGGCGGGAGCAATCTGCGAAACC-3' (reverse)