

Epigenetic modification of miR-141 regulates SKA2 by an endogenous 'sponge' HOTAIR in glioma

Supplementary Materials

qRT-PCR primers

DNMT1 forward: 5'-CGGCTTCAGCACCTCATTG-3'
reverse: 5'-AGGTCGAGTCGGAATTGCTC-3'
HOTAIR Forward: 5'-ACAGTGGCACCGCTTTTCTA-3
Reverse: 5'-GCAGGGTCCCACTGCATAAT-3
SKA2: Forward: 5'-CCGCTTTAAACCAGTTGCTG-3',
Reverse: 5'-CTCTGCCGCAGTTTTCTCTT-3'.
GAPDH Forward: 5'-AGCAAGAGCACAAGAGGAAG-3'
Reverse: 5'-GGTTGAGCACAGGGTACTTT-3'.
miR-141 forward, 5'-CAUCUCCAGUACAGUGUUGGA-3'
U6 forward, 5'-CTCGCTTCGGCAGCACA-3'

siRNA for HOTAIR, DNMT1 or SKA2

si-HOTAIR, 5'-AAUU-CUAAAUUGGGCUGG-3'
si-DNMT1, 5'-GGGACUGUGUCUCUGUUAUTT-3'
5'-AUAACAGAGACACAGUCCCTT-3'
si-SKA2: 5'-AAGAAATCAAGACTAATCATCTT-3'.

To clone HOTAIR

sense: 5'-CATGGATCCACATTCTGCCCTGATTTCCGGAACC-3'
antisense: 5'-ACTCTCGAGCCACCACACACACAACCTACAC-3'