

MicroRNA-873 inhibits colorectal cancer metastasis by targeting ELK1 and STRN4

SUPPLEMENTARY MATERIALS

Supplementary Table 1: Primer sequences for plasmid construction

pre-miR-873	Fw	AGTGTCTGGGATGCCACAA
	Rv	TGAGTGGACAAGTTAACCCCTTGC
CDK6 3'UTR	Fw	ATACTCATCTAGGCTGTGTGAACC
	Rv	GTGTGGCCTGTAGATGGAGAGA
ELK1 3'UTR	Fw	ATGTCCCTGGAGTTGGGAGG
	Rv	CACAGCTTCCACGTCTCTGAC
LEF1 3'UTR	Fw	CCTTGTAAGGTGTTTCAGTAGAGCT
	Rv	CACTCCCATCTGAATCCTGGC
MyO1B 3'UTR	Fw	GGTGATTGGTACAGGGTGCC
	Rv	CTGAGAGATGATACATTGACACACAAC
STRN4 3'UTR	Fw	AGGGATTGCCCAACTCCT
	Rv	TTTACATACAAGATGGGGACAGA
WASF2 3'UTR	Fw	GTGTTTCAGGATGCACCACCA
	Rv	AGGCTGGTCCCAAGGCTATG
ELK1 CDS	Fw	ATGGACCCATCTGTGACGC
	Rv	TCATGGCTTCTGGGGCC
STRN4 CDS	Fw	ATGATGGAGGAGCGAGCG
	Rv	TCATACGAAGACCTTGCCA
ELK1 3'UTR mut	Fw	ATTCAAGGACTAAATATATATTTTTCAAAGTGATGCTGGAG
	Rv	CTTTAGTCCTTGAATTCCCCATTCTCTGGGACTC
STRN4 3'UTR mut	Fw	CAGCAAGGACATTATAAGCCCCAACCCCTCTG
	Rv	TATAATGTCCTTGCTGGAAGGGGACCGAGGG

Supplementary Table 2: Primer sequences for qRT-PCR analysis

miR-873 RT		TCGTATCCAGTGCGTGTCTGGAGTCGGCAATTGCACTGGATACGACT AGGAGA
U6 RT		CGCTTACGAATTTGCGTGTCAT
miR-873 qPCR	Fw	GGGGGCAGGAACCTGTGAG
	Rv	TGCGTGTCTGGAGTC
U6 qPCR	Fw	GCTTCGGCAGCACATATACTAAAAT
	Rv	CGCTTACGAATTTGCGTGTCAT
CDK6	Fw	TGCACAGTGTACGAACAGACA
	Rv	ACCTCGGAGAAGCTGAAACATCA
ELK1	Fw	CTTCTGGAGCACCTGAGTCC
	Rv	GAGAGCATGGATGGAGTGACC
LEF1	Fw	TGTTTATCCCATCACGGGTGG
	Rv	CATGGAAGTGTGCGCTGACAG
Myo1B	Fw	AGGTCTGGTGTGGAGGTCCTAT
	Rv	GCGTTGCTTCCTCAGGTCTTC
STRN4	Fw	GGGAGTCGCTGCTGGTGAAA
	Rv	ATCGTCCTCGTCGCTGTCTTC
WASF2	Fw	CAAGACACGTAAGGAAGAGTGGG
	Rv	CACTGGGTAACTGAATTCTGCTGG
GAPDH	Fw	GGTCTCCTCTGACTTCAACA
	Rv	GTGAGGGTCTCTCTTCT
