

ACCELERATED PUBLICATION SUPPLEMENTARY ONLINE DATA microRNA regulation of expression of the cystic fibrosis transmembrane conductance regulator gene

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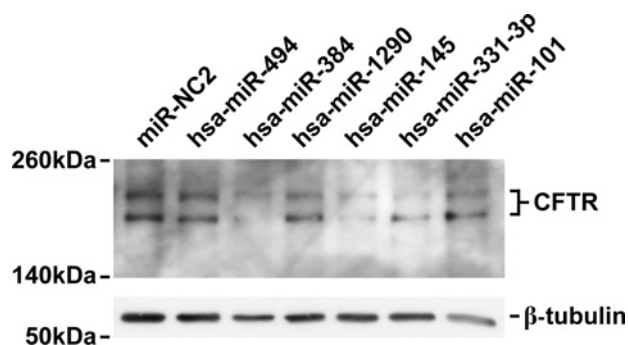


Figure S1 Repression of CFTR protein expression in Caco-2 cells

Expression of CFTR protein in Caco-2 cells, measured by Western blot analysis, probed with the 570 antibody after transient transfection of the indicated miRNA mimics. miRNAs are ordered by TargetScan context score, with the strongest predictions on the left-hand side. miR-NC2, negative control. The molecular mass in kDa is indicated on the left-hand side.

Table S1 Primer sequences

Primer sequences used for cloning the *SLC12A2* 3' UTR and mutating the pMIR-CFTR 3' UTR are listed, along with their genomic location (hg19 assembly).

Primer	Sequence (5'→3')	Genomic location (hg19)
SLC12A2-3'UTR-F	GCACTAGTTCGTGGGAATCATCAGAGTGTC	chr5:127522279-127522306
SLC12A2-3'UTR-R	GCACGCGTCCACAAGCTGGCAAAGACTTATT	chr5:127525396-127525419
pMIR-CFTRmut145*	CTTATATAAACCCTGAAGTTACCGTTATCATTACTTAATCATAACCCTAAGAA	chr7:117307562-117307616
pMIR-CFTRmut494-F**	CTAGGAAATATTTATTTAATAATGCATCAAACATATATAACAATGCTGT	chr7:117308280-117308329
pMIR-CFTRmut494-R**	ACAGCATTGTTATATATGTTGATGCATTTAAAATAAATATTTCCTAG	chr7:117308280-117308329

*Used with the QuikChange® Lightning Multi Site-Directed Mutagenesis Kit.

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