

Adenoviral Knockdown Virus Data Sheet

Vector Information

Vector: E1/E3 deleted adenoviral serotype 5 vector
 Expression cassette: shRNA under control of human U6 promoter

Target Information

Target Gene: CDH1
 Specimen: Homo sapiens
 RefSeq#: NM_004360

Validation

Validation Method: qRT-PCR, Relative Quantification
 Cell line used for validation: A549
 RNA prepared: 48h post transduction
 Total RNA used in RT: 1 µg
 cDNA Primer: OligodT/Random Hexamer
 Real Time Platform: Light Cycler 480 (Roche)
 Detection Method: SYBR I
 Reference Gene: PPIA
 Amplicon Integrity verified by: Melting Point Analysis

Results

	CP Target	CP Ref	Delta CP	Delta CP rel to Ctrl	%Target expr rel to Ctrl
Ad-Ctrl	24,68	18,50	6,18	0,00	100%
Ad-411	27,42	18,91	8,51	2,33	20%

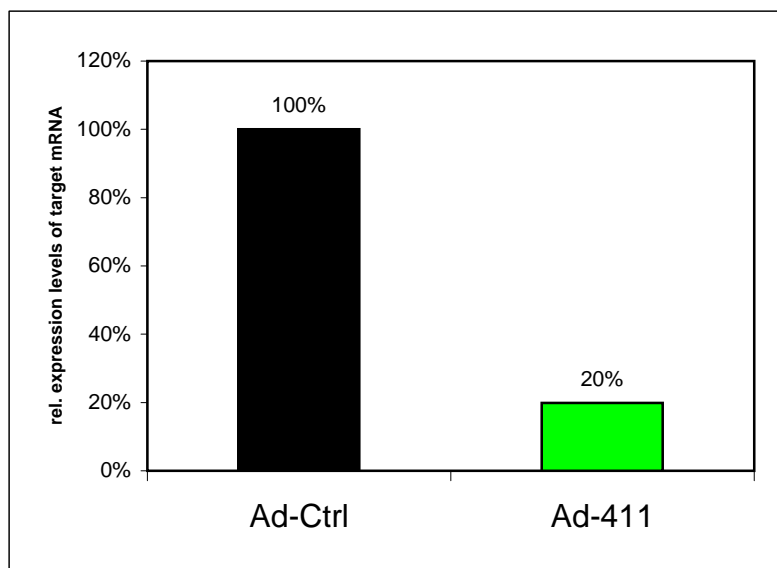


Figure 1

Reduction of CDH1-mRNA 48h after transduction with an adenoviral vector expressing a target-specific shRNA in comparison to cells transduced with control vector