

## Adenoviral Knockdown Virus Data Sheet

### Vector Information

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

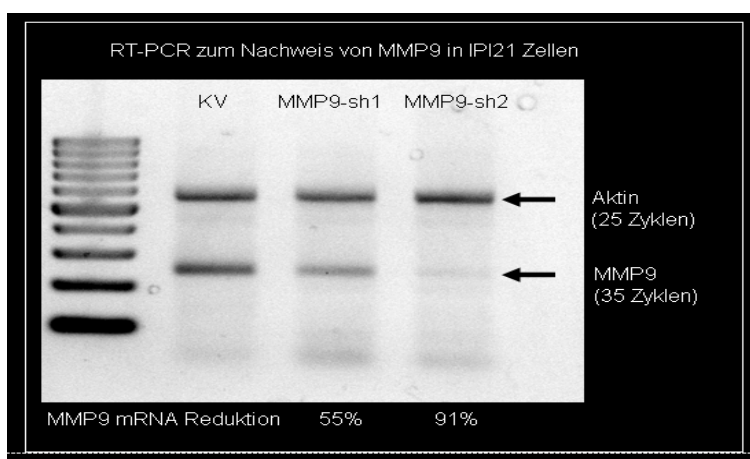
### Target Information

Target Gene: MMP 9  
Specimen: Sus scrofa  
RefSeq#: NM\_001038004

### Validation

Validation Method: RT-PCR, Relative Quantification  
Cell line used for validation: IPI21  
RNA prepared: 48h post transduction  
Total RNA used in RT: 1 µg  
cDNA Primer: Oligo dT  
PCR Method: semiquantitative  
Detection Method: Agarose gel analysis  
Reference Gene: ACTB  
Amplicon Integrity verified by: Agarose gel analysis

### Results



**Figure 1**

Reduction of MMP9-mRNA 48h after transduction with adenoviral vectors expressing 2 different target-specific shRNAs in comparison to cells transduced with control vector (Kontrolle)