

## Adenoviral Knockdown Virus Data Sheet

### Vector Information

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

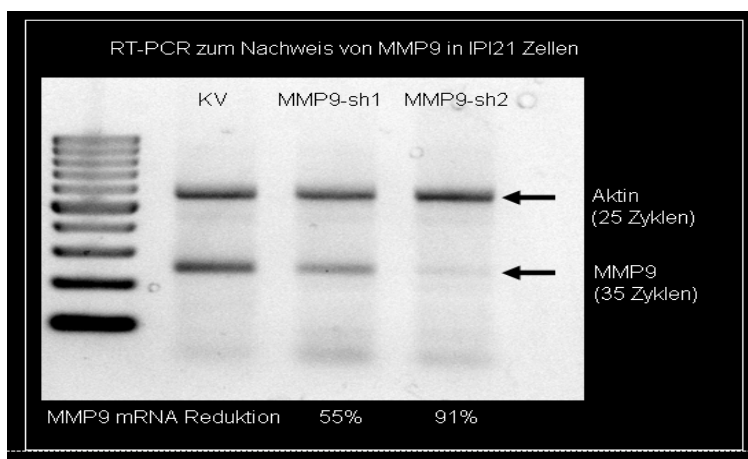
### Target Information

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)