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## 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: CD4  
Specimen: Mouse CD4 T-cells  
RefSeq#: NM\_013488

### Validation

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

### Results

Virus: KD rel. to cells transduced with control vector  
**Ad-402** **82%**