

SUPPLEMENTAL FILES

Supplemental File 1

The cDNA sequences of sgRNA-1:

CATAGCAATGTAACCCCTACAGTTTTAGAGCTAGAAATAGCAAG
TAAAATAAGGCTAGTCCGTTATCAACTTGAAAAAGTGGCA
CCGAGTCGGTGCTTTTTT

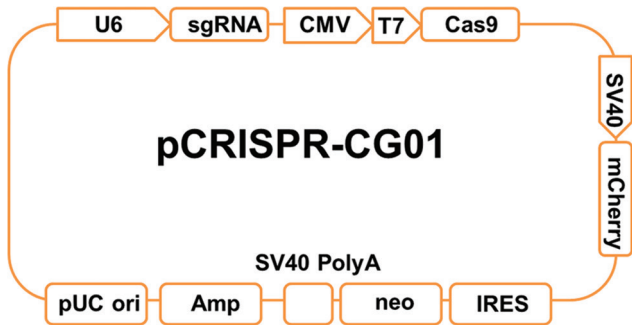
The cDNA sequences of sgRNA-2:

AGACAGCTCAGAAGATGAGGGTTTTAGAGCTAGAAATAGCA
AGTTAAAATAAGGCTAGTCCGTTATCAACTTGAAAAAGTGG
CACCGAGTCGGTGCTTTTTT.

Supplemental File 2

Detailed information of vector pCRISPR-CG01:

1. Plasmid profile

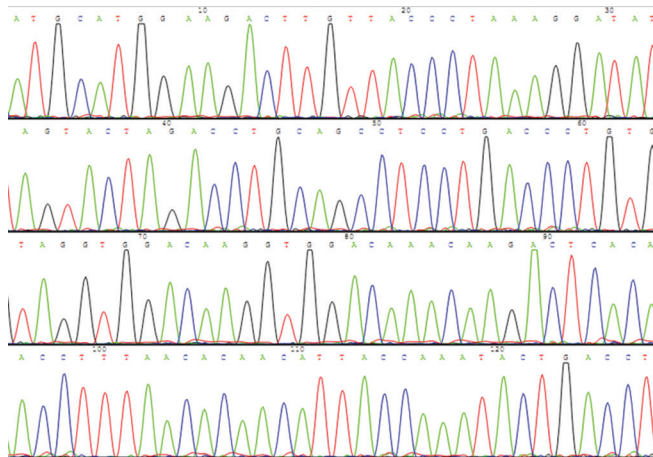


- Whole plasmid size: 10441 bp
- Antibiotic: Ampicillin
- Stable selection marker: Neomycin
- Suggested sequencing primers: Forward: 5'-TTCTTGGGTAGTTTTGCAG-3', Reverse: 5'-CCTATTGGCGTTACTATG-3'.

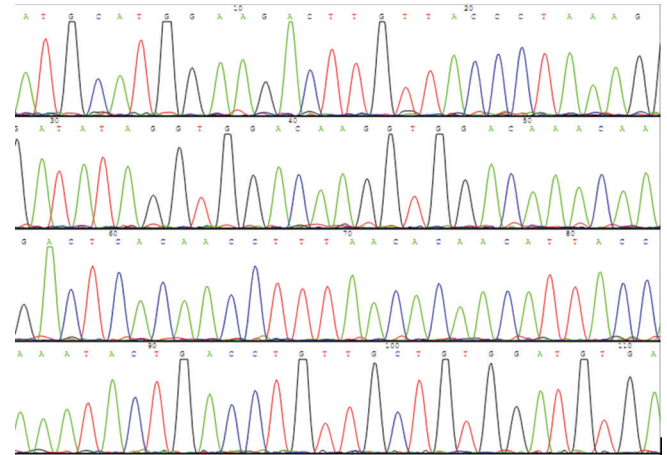
Supplemental File 3

DNA sequences for the PCR products from different clones:

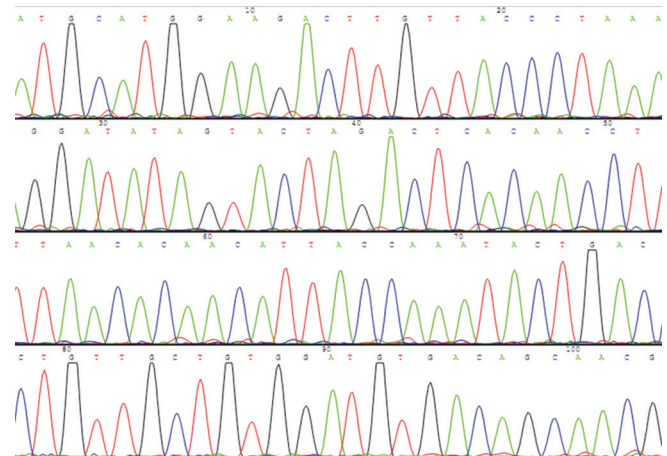
HPV11 E7



Clone 1

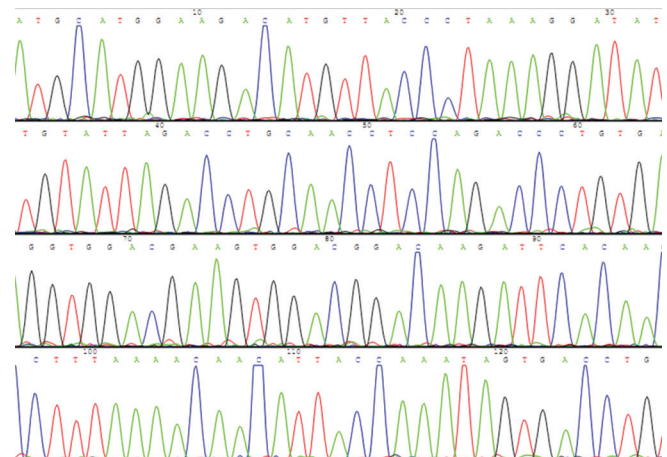


Clone 2

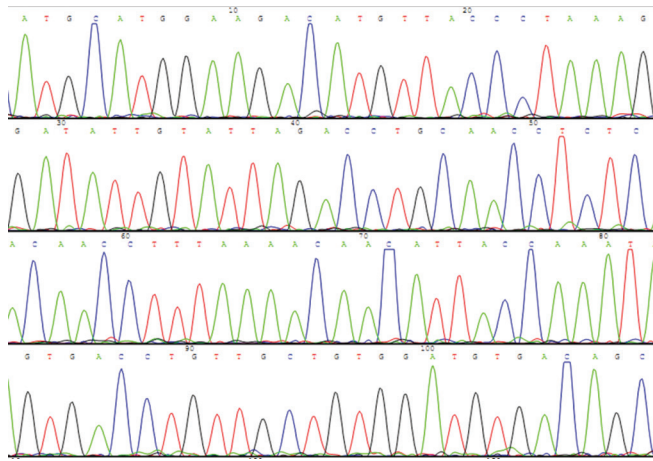


Clone 3

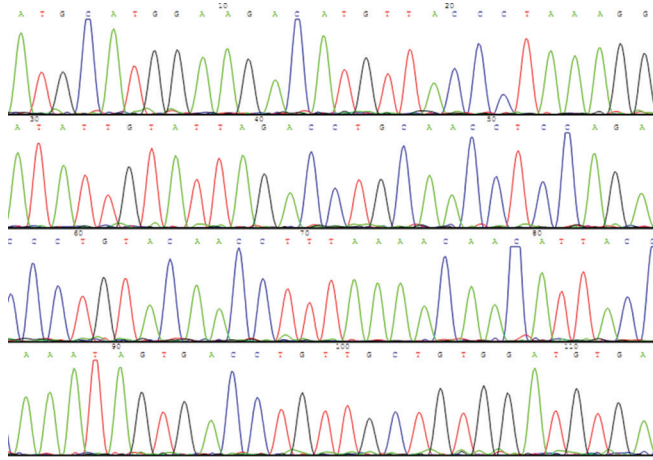
HPV6 E7



Clone 1



Clone 2



Clone 3