

The human papillomavirus E6 protein targets apoptosis-inducing factor (AIF) for degradation

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Supplementary Table S1

SYNTHESIZED GENE		SEQUENCE	
Synthetic, codon-optimized HPV16 E6	ATGCATCAGAAACGGACCGCAATGTTTCAGGATCCTCAGGAGCGGCCCGCAAGCTCCCC CAGCTGTGTACCGAGCTGCAGACAACCATCCACGACATCATACTGGAATGTGTTTACTGCA AACAACAGCTCCTCAGAAGAGAAGTTTATGATTTTGCCTTCAGAGACCTGTGCATTGTTTA CAGGGATGGTAATCCGTATGCCGTCTGCGATAAGTGTCTGAAATTCTACTCCAAGATCAGC GAGTACCGGCACTACTGTTACAGCCTGTACGGGACCACACTCGAACAACAGTACAACAAG CCACTCTGTGACCTGCTTATCAGGTGTATTAAGTGTGTCAGAAACCCCTGTGCCCAGAAGAGA AGCAGCGGCATCTGGACAAGAAGCAGCGCTTCCACAATATTAGAGGCCGCTGGACTGGCA GGTGTATGTCATGCTGTAGATCCAGTCGCACGAGACGGGAAACTCAATTG		
Synthetic, codon-optimized HPV6 E6	ATGGAATCTGCCAATGCCTCAACGAGTGCTACCACCATAGACCAACTGTGCAAGACCTTCA ATCTGTCCATGCACACCCTTCAGATTAAGTGCCTCTTTTGCAAGAATGCACTCACAAGTGC CGAGATCTACAGCTACGCCTACAAACAGCTGAAAGTGCTGTTTAGGGGTGGCTATCCTTAT GCCGCTTGTGCATGCTGTCTGGAGTTCCATGGCAAGATCAACCAGTACCGACATTTGAC TATGCGGGATATGCAACAACCGTAGAGGAAGAGACAAAGCAGGACATTCTGGATGTTCTC ATTCGGTGCTACTTGTGTCACAAGCCATTGTGCGAAGTGGAAAAGGTGAAACACATCCTTA CTAAAGCTCGCTTTATCAAGCTGAACTGTAAGTGGAAAGGGAGATGTCTCCATTGCTGGAC AACGTGTATGGAGGATATGCTGCCctga		
OLIGONUCLEOTIDES		SEQUENCE	
pCASSG (EcoR I) Forward	ACTCCTCAGGTGCAGGCTGCCTATCAGAA		
pCAGGS (EcoR I) Reverse	TTTGCCAAAATGATGAGACAG		
RECOMBINANT DNA	TRANSGENE(S)	SOURCE	IDENTIFIER
Plasmid: pCAGGS-AIF-HA	AIF-HA	This paper	N/A
Plasmid: pCAGGS-GFP-HA	GFP-HA	This paper	N/A
Plasmid: pCAGGS-HPV16E6-SBP	HPV16E6-SBP	This paper	N/A
Plasmid: pCAGGS-GFP-SBP	GFP-SBP	This paper	N/A
Plasmid: pCAGGS- Δ 54AIF-HA	Ubi-54AIF-HA	This paper	N/A
Plasmid: pCAGGS- Δ 102AIF-HA	Ubi-102AIF-HA	This paper	N/A
Plasmid: pCAGGS-HPV6E6-SBP	HPV6E6-SBP	This paper	N/A
Plasmid: pCAGGS- Δ 1	Ubi-AIF(FAD1)-GFP-HA	This paper	N/A
Plasmid: pCAGGS- Δ 2	Ubi-AIF(NADH)-GFP-HA	This paper	N/A
Plasmid: pCAGGS- Δ 3	Ubi-AIF(FAD2)-GFP-HA	This paper	N/A
Plasmid: pCAGGS- Δ 4	Ubi-AIF(C terminal)-GFP-HA	This paper	N/A
Plasmid: pCAGGS- Δ 5	Ubi-AIF(NADH-FAD2-C terminal)-HA	This paper	N/A
Plasmid: pCAGGS- Δ 6	Ubi-AIF (FAD1-FAD2-C terminal)-HA	This paper	N/A
Plasmid: pCAGGS- Δ 7	Ubi-AIF (FAD1-NADH-C terminal)-HA	This paper	N/A
Plasmid: pCAGGS- Δ 8	Ubi-AIF (FAD1-C terminal)-HA	This paper	N/A
Plasmid: pCAGGS- Δ 9	Ubi-AIF (NADH-C terminal)-HA	This paper	N/A
Plasmid: pCAGGS- Δ 10	Ubi-AIF (NADH-FAD2-C terminal)-HA	This paper	N/A
Plasmid: pCAGGS- Δ 11	Ubi-AIF (FAD1-NADH)-HA	This paper	N/A
Plasmid: pCAGGS- Δ 12	Ubi-AIF (FAD1-NADH-FAD2)-HA	This paper	N/A
Plasmid: pCAGGS-AIF	AIF	This paper	N/A
Plasmid: pCAGGS-GFP	GFP	This paper	N/A
Plasmid: pCAGGS	Non	This paper	N/A
Plasmid: HPV16E6	HPV16E6	This paper	N/A
Plasmid: HPV6E6	HPV6E6	This paper	N/A