

Resource Summary Report

Generated by [RRID](#) on Aug 28, 2026

p1321 HPV-16 E6/E7

RRID:Addgene_8641

Type: Plasmid

Proper Citation

RRID:Addgene_8641

Plasmid Information

URL: <http://www.addgene.org/8641>

Proper Citation: RRID:Addgene_8641

Insert Name: HPV-16 E6/E7

Organism: Human papillomavirus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:2476573](#)

Vector Backbone Description: Backbone Size:7900; Vector Backbone:p1318; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: See author's map.

Plasmid Name: p1321 HPV-16 E6/E7

Record Creation Time: 20220422T222555+0000

Record Last Update: 20260815T082134+0000

Ratings and Alerts

No rating or validation information has been found for p1321 HPV-16 E6/E7.

No alerts have been found for p1321 HPV-16 E6/E7.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 16 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Kumar N, et al. (2026) Integrated microfluidic device for rapid and accurate point-of-care detection of high-risk HPV16 and HPV18. *The Analyst*, 151(5), 1371.

Dib C, et al. (2025) GFP-on mouse model for interrogation of in vivo gene editing. *Nature communications*, 16(1), 7017.

Lim YX, et al. (2025) Splicing of HPV16 E6 promotes aggressive invasion in oropharyngeal cancer via endocytosis of E-cadherin. *bioRxiv : the preprint server for biology*.

Shi Y, et al. (2024) IL-37 attenuated HPV induced inflammation and growth of oral epithelial cells via regulating autophagy. *Heliyon*, 10(15), e35131.

Challagundla N, et al. (2023) Chlamydia trachomatis infection co-operatively enhances HPV E6-E7 oncogenes mediated tumorigenesis and immunosuppression. *Microbial pathogenesis*, 175, 105929.

Shi DD, et al. (2022) De novo pyrimidine synthesis is a targetable vulnerability in IDH mutant glioma. *Cancer cell*, 40(9), 939.

House R, et al. (2018) Smoking-induced control of miR-133a-3p alters the expression of EGFR and HuR in HPV-infected oropharyngeal cancer. *PloS one*, 13(10), e0205077.

Almeida AM, et al. (2018) HPV-16 targeted DNA vaccine expression: The role of purification. *Biotechnology progress*, 34(2), 546.

Amorim LFA, et al. (2017) Chromatographic HPV-16 E6/E7 plasmid vaccine purification employing L-histidine and 1-benzyl-L-histidine affinity ligands. *Electrophoresis*, 38(22-23), 2975.

Amorim LF, et al. (2015) Screening of L-histidine-based ligands to modify monolithic supports and selectively purify the supercoiled plasmid DNA isoform. *Journal of molecular recognition : JMR*, 28(6), 349.

Almeida AM, et al. (2015) Optimization of supercoiled HPV-16 E6/E7 plasmid DNA purification with arginine monolith using design of experiments. *Journal of chromatography. B, Analytical technologies in the biomedical and life sciences*, 978-979, 145.

Gossan NC, et al. (2014) The E3 ubiquitin ligase UBE3A is an integral component of the molecular circadian clock through regulating the BMAL1 transcription factor. *Nucleic acids research*, 42(9), 5765.

Valente JF, et al. (2014) Selective purification of supercoiled p53-encoding pDNA with L-methionine-agarose matrix. *Analytical biochemistry*, 459, 61.

Soares A, et al. (2013) Purification of human papillomavirus 16 E6/E7 plasmid deoxyribonucleic acid-based vaccine using an arginine modified monolithic support. *Journal of chromatography. A*, 1320, 72.

Chen J, et al. (2012) Detection of human papillomavirus in human focal cortical dysplasia type IIB. *Annals of neurology*, 72(6), 881.

Hu L, et al. (2009) Human papillomavirus 16 E5 induces bi-nucleated cell formation by cell-cell fusion. *Virology*, 384(1), 125.