

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 12, 2026

pShuttle

RRID:Addgene_16402

Type: Plasmid

Proper Citation

RRID:Addgene_16402

Plasmid Information

URL: <http://www.addgene.org/16402>

Proper Citation: RRID:Addgene_16402

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:9482916](#)

Vector Backbone Description: Backbone Size:6736; Vector Backbone:pShuttle; Vector Types:Mammalian Expression, Adenoviral; Bacterial Resistance:Kanamycin

Comments: Vector pShuttle is used for expression of transgenes under a chosen (non-CMV) promoter when no GFP tracer is desired. Max insert size = 7.5kb with pAdEasy1 and 10.2kb with pAdEasy2. See attached protocol and <http://www.coloncancer.org/adeasy.htm> for more information.

Plasmid Name: pShuttle

Record Creation Time: 20220422T221927+0000

Record Last Update: 20260808T081130+0000

Ratings and Alerts

No rating or validation information has been found for pShuttle.

No alerts have been found for pShuttle.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Jeffrey DA, et al. (2025) Muscle-specific isoforms of FXR1 are necessary for miR-1-mediated repression of connexin 43 and are downregulated in pediatric dilated cardiomyopathy. *American journal of physiology. Heart and circulatory physiology*, 328(6), H1380.

Reautschnig P, et al. (2022) CLUSTER guide RNAs enable precise and efficient RNA editing with endogenous ADAR enzymes in vivo. *Nature biotechnology*, 40(5), 759.

Uehara H, et al. (2021) Start codon disruption with CRISPR/Cas9 prevents murine Fuchs' endothelial corneal dystrophy. *eLife*, 10.

Demmings MD, et al. (2021) Activating transcription factor-4 promotes neuronal death induced by Parkinson's disease neurotoxins and α -synuclein aggregates. *Cell death and differentiation*, 28(5), 1627.

Klomp JE, et al. (2019) Time-Variant SRC Kinase Activation Determines Endothelial Permeability Response. *Cell chemical biology*, 26(8), 1081.

Qin X, et al. (2019) Efficient knock-in at the chicken ovalbumin locus using adenovirus as a CRISPR/Cas9 delivery system. *3 Biotech*, 9(12), 454.

Jin YH, et al. (2019) Streamlined procedure for gene knockouts using all-in-one adenoviral CRISPR-Cas9. *Scientific reports*, 9(1), 277.

Li T, et al. (2014) A method for activation of endogenous acid-sensing ion channel 1a (ASIC1a) in the nervous system with high spatial and temporal precision. *The Journal of biological chemistry*, 289(22), 15441.