

Resource Summary Report

Generated by [RRID](#) on Aug 24, 2026

pCAGGS-flpE-puro

RRID:Addgene_20733

Type: Plasmid

Proper Citation

RRID:Addgene_20733

Plasmid Information

URL: <http://www.addgene.org/20733>

Proper Citation: RRID:Addgene_20733

Insert Name: FLPe recombinase

Organism: *Saccharomyces cerevisiae*

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:16400644](#)

Vector Backbone Description: Backbone Size:3176; Vector Backbone:pBS; Vector Types:Mammalian Expression, FLP/FRT; Bacterial Resistance:Ampicillin

Comments: Please note that this plasmid runs as a multimer. Plasmid multimerization often does not impact plasmid function, but may reduce transformation efficiencies. If you need the monomeric version, you might consider linearizing, gel extracting, re-ligating, and transforming the plasmid.

Plasmid Name: pCAGGS-flpE-puro

Record Creation Time: 20220422T222052+0000

Record Last Update: 20260815T081157+0000

Ratings and Alerts

No rating or validation information has been found for pCAGGS-flpE-puro.

No alerts have been found for pCAGGS-flpE-puro.

Data and Source Information

Usage and Citation Metrics

We found 27 mentions in open access literature.

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

Lamberti I, et al. (2026) Single-mRNA imaging and modeling reveal coupled translation initiation and elongation rates. *eLife*, 14.

Bakiri L, et al. (2025) A new effLuc/Kate dual reporter allele for tumor imaging in mice. *Disease models & mechanisms*, 18(1).

Chen M, et al. (2025) Mutant Fam20c knock-in mice recapitulate both lethal and non-lethal human Raine Syndrome. *BMC molecular and cell biology*, 26(1), 1.

Arf?? S, et al. (2025) H3.3 deposition counteracts the replication-dependent enrichment of H3.1 at chromocenters in embryonic stem cells. *Nature communications*, 16(1), 5138.

Funk C, et al. (2024) TheraVision: Engineering platform technology for the development of oncolytic viruses based on herpes simplex virus type 1. *Molecular therapy. Oncology*, 32(1), 200784.

Kang J, et al. (2024) Cell-autonomous role of leucine-rich repeat kinase in the protection of dopaminergic neuron survival. *eLife*, 12.

Dave P, et al. (2023) Single-molecule imaging reveals translation-dependent destabilization of mRNAs. *Molecular cell*, 83(4), 589.

Kang J, et al. (2023) Cell autonomous role of leucine-rich repeat kinase in protection of dopaminergic neuron survival. *bioRxiv : the preprint server for biology*.

Holoch D, et al. (2021) A cis-acting mechanism mediates transcriptional memory at Polycomb target genes in mammals. *Nature genetics*, 53(12), 1686.

Anzai T, et al. (2021) Generation of Efficient Knock-in Mouse and Human Pluripotent Stem Cells Using CRISPR-Cas9. *Methods in molecular biology (Clifton, N.J.)*, 2320, 247.

Janmaat VT, et al. (2021) HOXA13 in etiology and oncogenic potential of Barrett's esophagus. *Nature communications*, 12(1), 3354.

La Rocca G, et al. (2021) Inducible and reversible inhibition of miRNA-mediated gene repression in vivo. *eLife*, 10.

Hao J, et al. (2020) KLF3 promotes the 8-cell-like transcriptional state in pluripotent stem cells. *Cell proliferation*, 53(11), e12914.

Huo Z, et al. (2020) Engineering Mutation Clones in Mammalian Cells with CRISPR/Cas9. *Methods in molecular biology (Clifton, N.J.)*, 2108, 355.

Mateju D, et al. (2020) Single-Molecule Imaging Reveals Translation of mRNAs Localized to Stress Granules. *Cell*, 183(7), 1801.

Huo Z, et al. (2019) Generation of a heterozygous p53 R249S mutant human embryonic stem cell line by TALEN-mediated genome editing. *Stem cell research*, 34, 101360.

Garcia D, et al. (2019) Genetic Liver-Specific AMPK Activation Protects against Diet-Induced Obesity and NAFLD. *Cell reports*, 26(1), 192.

Mattaini KR, et al. (2019) Increased PHGDH expression promotes aberrant melanin accumulation. *BMC cancer*, 19(1), 723.

Du J, et al. (2018) Three classes of response elements for human PRC2 and MLL1/2-Trithorax complexes. *Nucleic acids research*, 46(17), 8848.

Pieters T, et al. (2017) Structure-function Studies in Mouse Embryonic Stem Cells Using Recombinase-mediated Cassette Exchange. *Journal of visualized experiments : JoVE*(122).