

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 10, 2026

[pBS302](#)

RRID:Addgene_11925

Type: Plasmid

Proper Citation

RRID:Addgene_11925

Plasmid Information

URL: <http://www.addgene.org/11925>

Proper Citation: RRID:Addgene_11925

Insert Name: STOP

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:8231893](#)

Vector Backbone Description: Backbone Size:3806; Vector Backbone:n/a; Vector Types:Mammalian Expression, Cre/Lox; Bacterial Resistance:Ampicillin

Comments: pBS302 carries two directly repeated loxP sites flanking a synthetic DNA sequence designated "STOP." The lox-square STOP cassette sits on a NotI fragment that can excised and gel-purified for injection into fertilized zygotes. The STOP sequence is designed to thwart productive expression of a downstream gene under the control of an upstream promoter (to be inserted in the SfiI-SpeI polylinker region). It will have been removed in cells expressing Cre, or in descendants of cells that previously had expressed Cre, because of Cre-mediated recombination at the loxP sites. The STOP sequence is the same as used to regulate T-Ag expression in pBS241.

Plasmid Name: pBS302

Record Creation Time: 20220422T221624+0000

Record Last Update: 20260808T080553+0000

Ratings and Alerts

No rating or validation information has been found for pBS302.

No alerts have been found for pBS302.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Bao C, et al. (2025) Marek's disease virus-1 unique gene LORF1 is involved in viral replication and MDV-1/Md5-induced atrophy of the bursa of Fabricius. PLoS pathogens, 21(2), e1012891.

Rangel Guerrero DK, et al. (2024) Hippocampal cholecystokinin-expressing interneurons regulate temporal coding and contextual learning. Neuron, 112(12), 2045.

Poulin JF, et al. (2020) PRISM: A Progenitor-Restricted Intersectional Fate Mapping Approach Redefines Forebrain Lineages. Developmental cell, 53(6), 740.

Chang H, et al. (2019) Efficient genome-wide first-generation phenotypic screening system in mice using the piggyBac transposon. Proceedings of the National Academy of Sciences of the United States of America, 116(37), 18507.

Plummer NW, et al. (2016) A knock-in allele of En1 expressing dre recombinase. Genesis (New York, N.Y. : 2000), 54(8), 447.

Garc??a-Moreno F, et al. (2014) CLoNe is a new method to target single progenitors and study their progeny in mouse and chick. Development (Cambridge, England), 141(7), 1589.

De la Rossa A, et al. (2013) In vivo reprogramming of circuit connectivity in postmitotic neocortical neurons. Nature neuroscience, 16(2), 193.

Lefebvre JL, et al. (2012) Protocadherins mediate dendritic self-avoidance in the mammalian nervous system. Nature, 488(7412), 517.

Pfannkuche K, et al. (2008) Generation of a double-fluorescent double-selectable Cre/loxP indicator vector for monitoring of intracellular recombination events. Nature protocols, 3(9), 1510.