

Resource Summary Report

Generated by [NIF](#) on Sep 10, 2026

Lox-Stop-Lox TOPO

RRID:Addgene_11584

Type: Plasmid

Proper Citation

RRID:Addgene_11584

Plasmid Information

URL: <http://www.addgene.org/11584>

Proper Citation: RRID:Addgene_11584

Insert Name: loxP-STOP-loxP

Organism: SV40

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:11751630](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:3500; Vector Backbone:pCR-Blunt II-TOPO; Vector Types:Mammalian Expression, Cre/Lox; Bacterial Resistance:Kanamycin

Comments: Plasmid containing LoxP-STOP-LoxP cassette for use in expressing genes only after cre-mediated recombination. Please also see Lox-Stop-Lox TOPO Hygro (<http://www.addgene.org/35688>) for a Hygromycin version of this plasmid.

Plasmid Name: Lox-Stop-Lox TOPO

Record Creation Time: 20220422T221606+0000

Record Last Update: 20260905T074505+0000

Ratings and Alerts

No rating or validation information has been found for Lox-Stop-Lox TOPO.

No alerts have been found for Lox-Stop-Lox TOPO.

Data and Source Information

Usage and Citation Metrics

We found 12 mentions in open access literature.

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

Kalinina A, et al. (2023) Cyclophilin A as a Pro-Inflammatory Factor Exhibits Embryotoxic and Teratogenic Effects during Fetal Organogenesis. International journal of molecular sciences, 24(14).

Hendrickson PG, et al. (2023) Expression of the CIC-DUX4 fusion oncoprotein mimics human CIC-rearranged sarcoma in genetically engineered mouse models. Research square.

Dong K, et al. (2021) Renal plasticity revealed through reversal of polycystic kidney disease in mice. Nature genetics, 53(12), 1649.

Larson JD, et al. (2019) Histone H3.3 K27M Accelerates Spontaneous Brainstem Glioma and Drives Restricted Changes in Bivalent Gene Expression. Cancer cell, 35(1), 140.

Dobson THW, et al. (2019) Transcriptional repressor REST drives lineage stage-specific chromatin compaction at Ptch1 and increases AKT activation in a mouse model of medulloblastoma. Science signaling, 12(565).

Lin S, et al. (2018) Distributed hepatocytes expressing telomerase repopulate the liver in homeostasis and injury. Nature, 556(7700), 244.

Li HD, et al. (2018) Polymerase-mediated ultramutagenesis in mice produces diverse cancers with high mutational load. The Journal of clinical investigation, 128(9), 4179.

Rizzi N, et al. (2017) Identification of novel loci for the generation of reporter mice. Nucleic acids research, 45(6), e37.

Yu VWC, et al. (2017) Epigenetic Memory Underlies Cell-Autonomous Heterogeneous Behavior of Hematopoietic Stem Cells. Cell, 168(5), 944.

Lee S, et al. (2016) Noncoding RNA NORAD Regulates Genomic Stability by Sequestering PUMILIO Proteins. Cell, 164(1-2), 69.

Rakheja D, et al. (2014) Somatic mutations in DROSHA and DICER1 impair microRNA biogenesis through distinct mechanisms in Wilms tumours. Nature communications, 2, 4802.

Frescas D, et al. (2014) A TIN2 dyskeratosis congenita mutation causes telomerase-independent telomere shortening in mice. Genes & development, 28(2), 153.