

Resource Summary Report

Generated by [dkNET](#) on Aug 2, 2026

Lac-I-SceI-Tet

RRID:Addgene_17655

Type: Plasmid

Proper Citation

RRID:Addgene_17655

Plasmid Information

URL: <http://www.addgene.org/17655>

Proper Citation: RRID:Addgene_17655

Insert Name: lac I-SceI tet

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:17486118](#)

Vector Backbone Description: Backbone Marker:Stratagene; Backbone Size:3000; Vector Backbone:pBluescript; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Comments: The 256 lac operator repeats (XhoI fragment) and the 96 tet operator repeats (XhoI –SacII fragment) from the p16PCbeta plasmid (gift from D. Spector) were cloned into pBluescript. Between the two fragments a single 18nt I-SceI site was inserted (Sall). lac operator repeat: tggaattgtgagcggataacaatt tet operator repeat: tccctatcagtgatagaga This plasmid is not stable in bacteria. Every bacterial stock made will contain correct and incorrect bacteria and when bacteria are grown, you will get colonies which contain the correct plasmid and others which contain recombinant versions. If you check multiple colonies (10-20) in the samples after streaking out a stab, you should find correct ones. The recipient will need to grow the bacteria, isolate individual colonies check them, and make a prep from the correct one. We recommend processing the stab and screening colonies immediately upon receipt.

Plasmid Name: Lac-I-SceI-Tet

Record Creation Time: 20220422T222020+0000

Record Last Update: 20260801T080858+0000

Ratings and Alerts

No rating or validation information has been found for Lac-I-SceI-Tet.

No alerts have been found for Lac-I-SceI-Tet.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Lambert JP, et al. (2019) Interactome Rewiring Following Pharmacological Targeting of BET Bromodomains. *Molecular cell*, 73(3), 621.

Nino D, et al. (2017) Molecular Counting with Localization Microscopy: A Bayesian Estimate Based on Fluorophore Statistics. *Biophysical journal*, 112(9), 1777.

Wang Y, et al. (2016) Quantitative Localization Microscopy Reveals a Novel Organization of a High-Copy Number Plasmid. *Biophysical journal*, 111(3), 467.

Lindsey-Boltz LA, et al. (2011) Tethering DNA damage checkpoint mediator proteins topoisomerase IIbeta-binding protein 1 (TopBP1) and Claspin to DNA activates ataxia-telangiectasia mutated and RAD3-related (ATR) phosphorylation of checkpoint kinase 1 (Chk1). *The Journal of biological chemistry*, 286(22), 19229.