

Resource Summary Report

Generated by [dkNET](#) on Aug 19, 2026

pT2SC

RRID:Addgene_59382

Type: Plasmid

Proper Citation

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Plasmid Information

URL: <http://www.addgene.org/59382>

Proper Citation: RRID:Addgene_59382

Insert Name: TT-ISceI-cat

Organism: Synthetic

Bacterial Resistance: Chloramphenicol and Ampicillin

Defining Citation: [PMID:25255806](#)

Vector Backbone Description: Backbone Marker:Copley Lab; Backbone Size:1887; Vector Backbone:pHA1887, an 1887 bp fragment extending from bp 690 to bp 2576 of pUC19 (Acc. No. M77789); Vector Types:template; Bacterial Resistance:Chloramphenicol and Ampicillin

Comments: iGEM parts BBa_B1002 and BBa_B1006 were used to build the double terminator element. The chloramphenicol resistance gene was taken from pACYC187. We developed GetX (<https://sourceforge.net/projects/getx/>), a stand-alone python script that allows the user to design mutation cassettes for scarless genome editing in bacteria using our previously described two-step recombination method. Please see the document linked under the Resource Information heading above for additional information on installing and using the script.

Plasmid Name: pT2SC

Record Creation Time: 20220422T222342+0000

Record Last Update: 20260815T081723+0000

Ratings and Alerts

No rating or validation information has been found for pT2SC.

No alerts have been found for pT2SC.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Goode O, et al. (2021) Persister Escherichia coli Cells Have a Lower Intracellular pH than Susceptible Cells but Maintain Their pH in Response to Antibiotic Treatment. mBio, 12(4), e0090921.