

# Resource Summary Report

Generated by [dkNET](#) on Aug 18, 2026

## pT2ST

RRID:Addgene\_59384

Type: Plasmid

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### Proper Citation

RRID:Addgene\_59384

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### Plasmid Information

**URL:** <http://www.addgene.org/59384>

**Proper Citation:** RRID:Addgene\_59384

**Insert Name:** TT-ISceI-dfrA

**Organism:** Synthetic

**Bacterial Resistance:** Ampicillin and Trimethoprim

**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:Ampicillin and Trimethoprim

**Comments:** iGEM parts BBa\_B1002 and BBa\_B1006 were used to build the double terminator element. The trimethoprim resistance gene was taken from EZ-Tn5™ (Epicentre). 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:** pT2ST

**Record Creation Time:** 20220422T222342+0000

**Record Last Update:** 20260815T081723+0000

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### Ratings and Alerts

No rating or validation information has been found for pT2ST.

No alerts have been found for pT2ST.

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## Data and Source Information

**Source:** [Addgene](#)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.