

Resource Summary Report

Generated by [RRID](#) on Aug 21, 2026

[pST5832](#)

RRID:Addgene_36256

Type: Plasmid

Proper Citation

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Plasmid Information

URL: <http://www.addgene.org/36256>

Proper Citation: RRID:Addgene_36256

Insert Name: lacZ

Organism: E. coli

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:22279533](#)

Vector Backbone Description: Backbone Marker:Stover et al., 1991 Nature 351:456; Vector Backbone:pMV261; Vector Types:Bacterial Expression, Synthetic Biology, Mycobacteria replicating vector; Bacterial Resistance:Kanamycin

Comments: The plasmid is high copy in E. coli, but low copy in mycobacteria. Cloning was done via assembly PCR, so the XbaI-HindIII fragment comprises the promoter-riboswitch. The insert is 3361bp including the promoter. There are mismatches between Addgene's quality control sequence and the depositor sequence, but they are not known to affect plasmid function.

Plasmid Name: pST5832

Record Creation Time: 20220422T222154+0000

Record Last Update: 20260815T081406+0000

Ratings and Alerts

No rating or validation information has been found for pST5832.

No alerts have been found for pST5832.

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 [RRID](#) .

Madsen CS, et al. (2022) Engineered endosymbionts that alter mammalian cell surface marker, cytokine and chemokine expression. Communications biology, 5(1), 888.