

Resource Summary Report

Generated by [NIF](#) on Jul 31, 2026

pTU1-A-SP44-mScarlet-I

RRID:Addgene_163756

Type: Plasmid

Proper Citation

RRID:Addgene_163756

Plasmid Information

URL: <http://www.addgene.org/163756>

Proper Citation: RRID:Addgene_163756

Insert Name: mScarlet-I

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:33497199](#)

Vector Backbone Description: Backbone Marker:Freemont lab; Backbone Size:2433; Vector Backbone:pTU1-A; Vector Types:Bacterial Expression, Synthetic Biology; Bacterial Resistance:Ampicillin

Comments: Please visit <https://www.biorxiv.org/content/10.1101/2020.11.16.384693v2> for bioRxiv preprint.

Plasmid Name: pTU1-A-SP44-mScarlet-I

Record Creation Time: 20220422T221926+0000

Record Last Update: 20260725T074149+0000

Ratings and Alerts

No rating or validation information has been found for pTU1-A-SP44-mScarlet-I.

No alerts have been found for pTU1-A-SP44-mScarlet-I.

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 [NIF](#) .

Nagappa LK, et al. (2022) A ubiquitous amino acid source for prokaryotic and eukaryotic cell-free transcription-translation systems. *Frontiers in bioengineering and biotechnology*, 10, 992708.