

Resource Summary Report

Generated by [kravitz2](#) on Jul 30, 2026

pSC301

RRID:Addgene_31851

Type: Plasmid

Proper Citation

RRID:Addgene_31851

Plasmid Information

URL: <http://www.addgene.org/31851>

Proper Citation: RRID:Addgene_31851

Insert Name: GFP (including ATG start codon)

Bacterial Resistance: Hygromycin

Defining Citation: [PMID:11250077](#)

Vector Backbone Description: Backbone Marker:Koen De Smet Imperial College Medical School; Backbone Size:5497; Vector Backbone:pSODIT; Vector Types:Bacterial Expression; Bacterial Resistance:Hygromycin

Comments: Plasmid can also be grown in mycobacteria.

Plasmid Name: pSC301

Record Creation Time: 20220422T222138+0000

Record Last Update: 20260725T074546+0000

Ratings and Alerts

No rating or validation information has been found for pSC301.

No alerts have been found for pSC301.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Zhang F, et al. (2021) HDAC6 contributes to human resistance against Mycobacterium tuberculosis infection via mediating innate immune responses. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 35(11), e22009.

Chai Q, et al. (2019) A Mycobacterium tuberculosis surface protein recruits ubiquitin to trigger host xenophagy. Nature communications, 10(1), 1973.

Singh B, et al. (2017) Autophagy induction by Mycobacterium indicus pranii promotes Mycobacterium tuberculosis clearance from RAW 264.7 macrophages. PloS one, 12(12), e0189606.