

Resource Summary Report

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

[pRH2521](#)

RRID:Addgene_84380

Type: Plasmid

Proper Citation

RRID:Addgene_84380

Plasmid Information

URL: <http://www.addgene.org/84380>

Proper Citation: RRID:Addgene_84380

Insert Name: sgRNA cloning site

Bacterial Resistance: Hygromycin

Defining Citation: [PMID:27407107](#)

Vector Backbone Description: Backbone Marker:Addgene 20318; Backbone Size:6608; Vector Backbone:pTE-10M-0X; Vector Types:Bacterial Expression, CRISPR; Bacterial Resistance:Hygromycin

Plasmid Name: pRH2521

Record Creation Time: 20220422T222544+0000

Record Last Update: 20260815T082114+0000

Ratings and Alerts

No rating or validation information has been found for pRH2521.

No alerts have been found for pRH2521.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Guo S, et al. (2026) Enhancing the bioconversion of phytosterols to 22-hydroxy-23,24-bisnorchol-4-ene-3-one in *Mycobacterium neoaurum* ZS-15 through genetic modification of *kstD1* and *wecA*. *Microbial cell factories*, 25(1), 40.

Roberts AH, et al. (2024) EfpA is required for regrowth of *Mycobacterium tuberculosis* following isoniazid exposure. *Antimicrobial agents and chemotherapy*, 68(8), e0026124.

Agrawal S, et al. (2021) Novel gene similar to nitrite reductase (NO forming) plays potentially important role in the latency of tuberculosis. *Scientific reports*, 11(1), 19813.

Xiao J, et al. (2019) Application of the CRISPRi system to repress *sepF* expression in *Mycobacterium smegmatis*. *Infection, genetics and evolution : journal of molecular epidemiology and evolutionary genetics in infectious diseases*, 72, 183.