

Resource Summary Report

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

pSHDY-Prha-mVenus_rhaS

RRID:Addgene_137662

Type: Plasmid

Proper Citation

RRID:Addgene_137662

Plasmid Information

URL: <http://www.addgene.org/137662>

Proper Citation: RRID:Addgene_137662

Insert Name: Prha:mVenus

Organism: E. coli

Bacterial Resistance: Spectinomycin

Defining Citation: [PMID:32134640](#)

Vector Backbone Description: Backbone Marker:Anna Behle; Vector Backbone:pSHDY;
Vector Types:Bacterial Expression; Bacterial Resistance:Spectinomycin

Comments: Please visit <https://www.biorxiv.org/content/10.1101/757948v1> for bioRxiv preprint.

Plasmid Name: pSHDY-Prha-mVenus_rhaS

Relevant Mutation: rhaS (Arg218Leu)

Record Creation Time: 20220422T221757+0000

Record Last Update: 20260815T080615+0000

Ratings and Alerts

No rating or validation information has been found for pSHDY-Prha-mVenus_rhaS.

No alerts have been found for pSHDY-Prha-mVenus_rhaS.

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](#) .

Dietsch M, et al. (2021) Metabolic engineering of *Synechocystis* sp. PCC 6803 for the photoproduction of the sesquiterpene valencene. *Metabolic engineering communications*, 13, e00178.