

Resource Summary Report

Generated by [nidm-terms](#) on Sep 1, 2026

pSMART-Ala2

RRID:Addgene_71326

Type: Plasmid

Proper Citation

RRID:Addgene_71326

Plasmid Information

URL: <http://www.addgene.org/71326>

Proper Citation: RRID:Addgene_71326

Insert Name: NADPH Alanine Dehydrogenase

Organism: Synthetic

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:34600151](#)

Vector Backbone Description: Backbone Marker:Lucigen (Middleton, WI); Backbone Size:1800; Vector Backbone:pSMART-HCKan (AF532107.1); Vector Types:Bacterial Expression; Bacterial Resistance:Kanamycin

Comments: Read the preprint at bioRxiv:
<https://www.biorxiv.org/content/10.1101/2020.08.30.274290v1.full>.

Plasmid Name: pSMART-Ala2

Relevant Mutation: D196A, L197R

Record Creation Time: 20220422T222440+0000

Record Last Update: 20260829T080942+0000

Ratings and Alerts

No rating or validation information has been found for pSMART-Ala2.

No alerts have been found for pSMART-Ala2.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.