

Resource Summary Report

Generated by [RRID](#) on Aug 22, 2026

pET28-SpRY-NLS-6xHis (gbr2101)

RRID:Addgene_181743

Type: Plasmid

Proper Citation

RRID:Addgene_181743

Plasmid Information

URL: <http://www.addgene.org/181743>

Proper Citation: RRID:Addgene_181743

Insert Name: bacterial codon optimized SpRY

Organism: Synthetic

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:36203014](#)

Vector Backbone Description: Vector Backbone:pET28; Vector Types:Bacterial Expression, in vitro transcription; T7 promoter; Bacterial Resistance:Kanamycin

Plasmid Name: pET28-SpRY-NLS-6xHis (gbr2101)

Relevant Mutation:

SpRY=A61R/L1111R/D1135L/S1136W/G1218K/E1219Q/N1317R/A1322R/R1333P/R1335Q/T1337

Record Creation Time: 20220422T222035+0000

Record Last Update: 20260815T081128+0000

Ratings and Alerts

No rating or validation information has been found for pET28-SpRY-NLS-6xHis (gbr2101).

No alerts have been found for pET28-SpRY-NLS-6xHis (gbr2101).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Herring-Nicholas A, et al. (2025) TOP-SECRETS enables Cas9 nucleases to discriminate SNVs outside of PAMs. bioRxiv : the preprint server for biology.

Hibshman GN, et al. (2024) Unraveling the mechanisms of PAMless DNA interrogation by SpRY-Cas9. Nature communications, 15(1), 3663.