

# Resource Summary Report

Generated by [RRID](#) on Aug 26, 2026

## pSL2680

RRID:Addgene\_85581

Type: Plasmid

### Proper Citation

RRID:Addgene\_85581

### Plasmid Information

**URL:** <http://www.addgene.org/85581>

**Proper Citation:** RRID:Addgene\_85581

**Bacterial Resistance:** Kanamycin

**Defining Citation:** [PMID:28000776](#)

**Vector Backbone Description:** Backbone Size:12684; Vector Backbone:pRSF1010;  
Vector Types:CRISPR, Synthetic Biology; Bacterial Resistance:Kanamycin

**Comments:** FnCpf1 from Francisella novicida

**Plasmid Name:** pSL2680

**Record Creation Time:** 20220422T222550+0000

**Record Last Update:** 20260815T082125+0000

### Ratings and Alerts

No rating or validation information has been found for pSL2680.

No alerts have been found for pSL2680.

### Data and Source Information

**Source:** [Addgene](#)

### Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Ziemann M, et al. (2023) CvkR is a MerR-type transcriptional repressor of class 2 type V-K CRISPR-associated transposase systems. *Nature communications*, 14(1), 924.

Adomako M, et al. (2022) Comparative Genomics of *Synechococcus elongatus* Explains the Phenotypic Diversity of the Strains. *mBio*, 13(3), e0086222.

Baldanta S, et al. (2022) SEVA-Cpf1, a CRISPR-Cas12a vector for genome editing in cyanobacteria. *Microbial cell factories*, 21(1), 103.

Reimann V, et al. (2020) Specificities and functional coordination between the two Cas6 maturation endonucleases in *Anabaena* sp. PCC 7120 assign orphan CRISPR arrays to three groups. *RNA biology*, 17(10), 1442.

Niu TC, et al. (2019) Expanding the Potential of CRISPR-Cpf1-Based Genome Editing Technology in the Cyanobacterium *Anabaena* PCC 7120. *ACS synthetic biology*, 8(1), 170.

Behler J, et al. (2018) CRISPR-Based Technologies for Metabolic Engineering in Cyanobacteria. *Trends in biotechnology*, 36(10), 996.