

# Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

## pRSET-mSA

RRID:Addgene\_39860

Type: Plasmid

### Proper Citation

RRID:Addgene\_39860

### Plasmid Information

**URL:** <http://www.addgene.org/39860>

**Proper Citation:** RRID:Addgene\_39860

**Insert Name:** monomeric streptavidin

**Organism:** Synthetic

**Bacterial Resistance:** Ampicillin

**Defining Citation:** [PMID:22806584](#)

**Vector Backbone Description:** Vector Backbone:pRSET-A; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

**Comments:** Please note the YPet fluorescent protein present in the vector backbone is not expressed with the streptavidin insert.

**Plasmid Name:** pRSET-mSA

**Record Creation Time:** 20220422T222208+0000

**Record Last Update:** 20260725T074640+0000

### Ratings and Alerts

No rating or validation information has been found for pRSET-mSA.

No alerts have been found for pRSET-mSA.

### 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 [NIF](#) .

Anderson RK, et al. (2025) Genetic engineering of bacteriophage S16 for Salmonella separation, concentration, and detection. Analytical and bioanalytical chemistry, 417(18), 4069.

Sakamoto Y, et al. (2024) The Nedd4L ubiquitin ligase is activated by FCHO2-generated membrane curvature. The EMBO journal, 43(23), 5883.

Carmody CM, et al. (2023) Monomeric streptavidin phage display allows efficient immobilization of bacteriophages on magnetic particles for the capture, separation, and detection of bacteria. Scientific reports, 13(1), 16207.

Sakamoto Y, et al. (2017) Effects of various spacers between biotin and the phospholipid headgroup on immobilization and sedimentation of biotinylated phospholipid-containing liposomes facilitated by avidin-biotin interactions. Journal of biochemistry, 162(3), 221.