

# Resource Summary Report

Generated by [NIF](#) on Sep 16, 2026

## PCS2+Cas9-mSA

RRID:Addgene\_103882

Type: Plasmid

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### Proper Citation

RRID:Addgene\_103882

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### Plasmid Information

**URL:** <http://www.addgene.org/103882>

**Proper Citation:** RRID:Addgene\_103882

**Insert Name:** CAS9-MSA

**Organism:** synthetic

**Bacterial Resistance:** Ampicillin

**Defining Citation:** [PMID:29889212](#)

**Vector Backbone Description:** Backbone Size:4072; Vector Backbone:PCS2+; Vector Types:CRISPR; Bacterial Resistance:Ampicillin

**Comments:** non

**Plasmid Name:** PCS2+Cas9-mSA

**Relevant Mutation:** none

**Record Creation Time:** 20220422T221504+0000

**Record Last Update:** 20260912T091403+0000

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### Ratings and Alerts

No rating or validation information has been found for PCS2+Cas9-mSA.

No alerts have been found for PCS2+Cas9-mSA.

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### Data and Source Information

Source: [Addgene](#)

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## Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Nishimura T, et al. (2025) Generation of primordial germ cell-like cells by two germ plasm components, *dnd1* and *nanos3*, in medaka (*Oryzias latipes*). *iScience*, 28(3), 111977.

Giassetti MI, et al. (2023) *ARRDC5* expression is conserved in mammalian testes and required for normal sperm morphogenesis. *Nature communications*, 14(1), 2111.

Ang JX, et al. (2022) Considerations for homology-based DNA repair in mosquitoes: Impact of sequence heterology and donor template source. *PLoS genetics*, 18(2), e1010060.

Chuang HC, et al. (2022) SARS-CoV-2 spike protein enhances MAP4K3/GLK-induced ACE2 stability in COVID-19. *EMBO molecular medicine*, 14(9), e15904.

Mishra AP, et al. (2022) BRCA2-DSS1 interaction is dispensable for RAD51 recruitment at replication-induced and meiotic DNA double strand breaks. *Nature communications*, 13(1), 1751.

Seleit A, et al. (2021) Endogenous protein tagging in medaka using a simplified CRISPR/Cas9 knock-in approach. *eLife*, 10.

Wang Z, et al. (2020) Efficient genome editing by CRISPR-Mb3Cas12a in mice. *Journal of cell science*, 133(9).

Gu B, et al. (2020) Efficient Generation of Large-Fragment Knock-In Mouse Models Using 2-Cell (2C)-Homologous Recombination (HR)-CRISPR. *Current protocols in mouse biology*, 10(1), e67.

Pineault KM, et al. (2019) Two CRISPR/Cas9-mediated methods for targeting complex insertions, deletions, or replacements in mouse. *MethodsX*, 6, 2088.