

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 9, 2026

pV1382

RRID:Addgene_111436

Type: Plasmid

Proper Citation

RRID:Addgene_111436

Plasmid Information

URL: <http://www.addgene.org/111436>

Proper Citation: RRID:Addgene_111436

Insert Name: CaCas9/sgRNA-BsmBI stuffer

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:29695624](#)

Vector Backbone Description: Backbone Marker:RS Sikorski; Vector Backbone:pRS416; Vector Types:Yeast Expression, CRISPR; Bacterial Resistance:Ampicillin

Plasmid Name: pV1382

Record Creation Time: 20220422T221542+0000

Record Last Update: 20260808T080439+0000

Ratings and Alerts

No rating or validation information has been found for pV1382.

No alerts have been found for pV1382.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Eerlings R, et al. (2025) Elucidating the itaconic acid pathway dynamics in *Saccharomyces cerevisiae*. *Metabolic engineering*, 94, 110.

Yogiswara S, et al. (2025) Metabolic engineering of *Saccharomyces cerevisiae* for co-production of ethanol and 3-methyl-1-butanol from sugarcane molasses. *Biotechnology for biofuels and bioproducts*, 18(1), 86.

Cautereels C, et al. (2024) Combinatorial optimization of gene expression through recombinase-mediated promoter and terminator shuffling in yeast. *Nature communications*, 15(1), 1112.

Qiu S, et al. (2024) Cultivation optimization promotes ginsenoside and universal triterpenoid production by engineered yeast. *New biotechnology*, 83, 219.

Eerlings R, et al. (2024) Rational evolution for altering the ligand preference of estrogen receptor alpha. *Protein science : a publication of the Protein Society*, 33(4), e4940.

Cautereels C, et al. (2024) Orthogonal LoxPsym sites allow multiplexed site-specific recombination in prokaryotic and eukaryotic hosts. *Nature communications*, 15(1), 1113.

Zangl I, et al. (2023) *Limosilactobacillus fermentum* Limits *Candida glabrata* Growth by Ergosterol Depletion. *Microbiology spectrum*, 11(2), e0332622.

Galocha M, et al. (2022) Genomic evolution towards azole resistance in *Candida glabrata* clinical isolates unveils the importance of CgHxt4/6/7 in azole accumulation. *Communications biology*, 5(1), 1118.

Pais P, et al. (2022) Characterization of the *Candida glabrata* Transcription Factor CgMar1: Role in Azole Susceptibility. *Journal of fungi (Basel, Switzerland)*, 8(1).