

Resource Summary Report

Generated by [RRID](#) on Aug 27, 2026

pCASB

RRID:Addgene_190175

Type: Plasmid

Proper Citation

RRID:Addgene_190175

Plasmid Information

URL: <http://www.addgene.org/190175>

Proper Citation: RRID:Addgene_190175

Insert Name: sgRNA cloning site

Organism: Synthetic

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:36287051](#)

Vector Backbone Description: Backbone Marker:Addgene #60847; Vector Backbone:pCAS; Vector Types:Bacterial Expression, Yeast Expression; Bacterial Resistance:Kanamycin

Comments: This plasmid is a modified version of pCAS (Addgene #60847) that has been improved to facilitate rapid cloning of new gRNA sequencing for streamlined CRISPR-Cas9 genome editing in yeast. pCAS was originally published by: Ryan et al Elife. 2014 Aug 19;3. doi: 10.7554/eLife.03703.

Plasmid Name: pCASB

Relevant Mutation: Added 5'-agagacc-3' upstream and 5'-ggtctca-3' downstream of the gRNA site to allow for golden gate cloning of new gRNAs with the restriction enzyme Bsa1

Record Creation Time: 20221007T233838+0000

Record Last Update: 20260815T082358+0000

Ratings and Alerts

No rating or validation information has been found for pCASB.

No alerts have been found for pCASB.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.