

Resource Summary Report

Generated by [RRID](#) on Aug 29, 2026

[pFC332](#)

RRID:Addgene_87845

Type: Plasmid

Proper Citation

RRID:Addgene_87845

Plasmid Information

URL: <http://www.addgene.org/87845>

Proper Citation: RRID:Addgene_87845

Insert Name: Cas9

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:26177455](#)

Vector Backbone Description: Vector Backbone:custom; Vector Types:Bacterial Expression, CRISPR, Fungal expression; Bacterial Resistance:Ampicillin

Plasmid Name: pFC332

Record Creation Time: 20220422T222603+0000

Record Last Update: 20260829T081226+0000

Ratings and Alerts

No rating or validation information has been found for pFC332.

No alerts have been found for pFC332.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Liu L, et al. (2025) Effect of catalase on CPC production during fermentation of *Acremonium chrysogenum*. *Bioresources and bioprocessing*, 12(1), 1.

Zhang C, et al. (2024) Conditional expression of FumA in *Aspergillus niger* enhances synthesis of L-malic acid. *Applied and environmental microbiology*, 90(4), e0000824.

Benites-Pariente JS, et al. (2024) CRISPR/Cas9 mediated targeted knock-in of *eglA* gene to improve endoglucanase activity of *Aspergillus fumigatus* LMB-35Aa. *Scientific reports*, 14(1), 19661.

Wu X, et al. (2024) The forced activation of asexual conidiation in *Aspergillus niger* simplifies bioproduction. *Synthetic and systems biotechnology*, 9(2), 277.

Yuan G, et al. (2024) CRISPR-Cas9/Cas12a systems for efficient genome editing and large genomic fragment deletions in *Aspergillus niger*. *Frontiers in bioengineering and biotechnology*, 12, 1452496.

Strucko T, et al. (2024) Oligonucleotide-based CRISPR-Cas9 toolbox for efficient engineering of *Komagataella phaffii*. *FEMS yeast research*, 24.

Shih SY, et al. (2022) Editing *Aspergillus terreus* using the CRISPR-Cas9 system. *Synthetic biology (Oxford, England)*, 7(1), ysac031.

Wilson FM, et al. (2021) CRISPR/Cas9 mediated editing of the Quorn fungus *Fusarium venenatum* A3/5 by transient expression of Cas9 and sgRNAs targeting endogenous marker gene *PKS12*. *Fungal biology and biotechnology*, 8(1), 15.