

Resource Summary Report

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

pYFAC-CH4

RRID:Addgene_168980

Type: Plasmid

Proper Citation

RRID:Addgene_168980

Plasmid Information

URL: <http://www.addgene.org/168980>

Proper Citation: RRID:Addgene_168980

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:30809363](#)

Vector Backbone Description: Backbone Size:17590; Vector Backbone:pYFAC-pyroA; Vector Types:Synthetic Biology, Heterologous expression in Aspergillus nidulans and related filamentous fungi; Bacterial Resistance:Ampicillin

Comments: A detailed protocol on how to use this plasmid for fungal biosynthetic gene cluster elucidation projects can be found in Roux I., Chooi Y.H. (2022) Heterologous Expression of Fungal Biosynthetic Pathways in Aspergillus nidulans Using Episomal Vectors. In: Skellam E. (eds) Engineering Natural Product Biosynthesis. Methods in Molecular Biology, vol 2489. Humana, New York, NY. https://doi.org/10.1007/978-1-0716-2273-5_5

Plasmid Name: pYFAC-CH4

Record Creation Time: 20220422T221947+0000

Record Last Update: 20260815T080956+0000

Ratings and Alerts

No rating or validation information has been found for pYFAC-CH4.

No alerts have been found for pYFAC-CH4.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Roux I, et al. (2022) Heterologous Expression of Fungal Biosynthetic Pathways in *Aspergillus nidulans* Using Episomal Vectors. *Methods in molecular biology* (Clifton, N.J.), 2489, 75.