

Resource Summary Report

Generated by [RRID](#) on Aug 31, 2026

[pJYS2_crtYf](#)

RRID:Addgene_85544

Type: Plasmid

Proper Citation

RRID:Addgene_85544

Plasmid Information

URL: <http://www.addgene.org/85544>

Proper Citation: RRID:Addgene_85544

Insert Name: crRNA of crtYf

Organism: Synthetic

Bacterial Resistance: Spectinomycin

Defining Citation: [PMID:28469274](#)

Vector Backbone Description: Vector Backbone:pXMJ19 and pTRCmob; Vector Types:Bacterial Expression, CRISPR, Shuttle vector *Corynebacterium glutamicum* / *E. coli*; Bacterial Resistance:Spectinomycin

Plasmid Name: pJYS2_crtYf

Record Creation Time: 20220422T222550+0000

Record Last Update: 20260829T081203+0000

Ratings and Alerts

No rating or validation information has been found for pJYS2_crtYf.

No alerts have been found for pJYS2_crtYf.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Lee CK, et al. (2025) Precision targeting of genetic variations in mixed bacterial cultures using CRISPR-Cas12a-programmed ?? phages. *Frontiers in microbiology*, 16, 1575339.

Wen Z, et al. (2022) Genome Editing of *Corynebacterium glutamicum* Using CRISPR-Cpf1 System. *Methods in molecular biology* (Clifton, N.J.), 2479, 189.

Lee HJ, et al. (2022) Efficient Single-Nucleotide Microbial Genome Editing Achieved Using CRISPR/Cpf1 with Maximally 3'-End-Truncated crRNAs. *ACS synthetic biology*, 11(6), 2134.