

Resource Summary Report

Generated by [RRID](#) on Sep 3, 2026

[pCBh_NLS_hfCas13X\(Cas13X_M17YY\)_NLS-pA-U6-DR-Bpil-Bpil-DR-pSV40-EGFP-pA-pSV40-mCherry-pA](#)

RRID:Addgene_190033

Type: Plasmid

Proper Citation

RRID:Addgene_190033

Plasmid Information

URL: <http://www.addgene.org/190033>

Proper Citation: RRID:Addgene_190033

Insert Name: humanized hfCas13X

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:35953673](#)

Vector Backbone Description: Vector Backbone:piggyBac-CBh; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pCBh_NLS_hfCas13X(Cas13X_M17YY)_NLS-pA-U6-DR-Bpil-Bpil-DR-pSV40-EGFP-pA-pSV40-mCherry-pA

Relevant Mutation: Y672A,Y676A

Record Creation Time: 20220914T080235+0000

Record Last Update: 20260902T043319+0000

Ratings and Alerts

No rating or validation information has been found for pCBh_NLS_hfCas13X(Cas13X_M17YY)_NLS-pA-U6-DR-Bpil-Bpil-DR-pSV40-EGFP-pA-pSV40-mCherry-pA.

No alerts have been found for pCBh_NLS_hfCas13X(Cas13X_M17YY)_NLS-pA-U6-DR-Bpil-Bpil-DR-pSV40-EGFP-pA-pSV40-mCherry-pA.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Chen S, et al. (2025) Gene therapy for ocular hypertension using hfCas13d-mediated mRNA targeting. PNAS nexus, 4(6), pgaf168.

Wan W, et al. (2025) Targeting Mettl14 Using an RNA-Targeting Clustered Regularly Interspaced Short Palindromic Repeat-High-Fidelity Cas13x System Attenuates Doxorubicin-Induced Cardiotoxicity. Journal of the American Heart Association, 14(15), e040700.