

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

pCDH_CMV_dHMGA_mKate2_CLEAVAGE

RRID:Addgene_167337

Type: Plasmid

Proper Citation

RRID:Addgene_167337

Plasmid Information

URL: <http://www.addgene.org/167337>

Proper Citation: RRID:Addgene_167337

Insert Name: TFAM

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:33619770](https://pubmed.ncbi.nlm.nih.gov/33619770/)

Vector Backbone Description: Backbone Marker:Addgene; Backbone Size:6227; Vector Backbone:pCDH-CMV-MCS; Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

Comments: The mKate2 gene was initially obtained from the commercially available plasmid: pLenti-GIII-CMV-TFAM-RFP-2A-Puro. Please visit <https://www.biorxiv.org/content/10.1101/822858v4> for BioRxiv preprint

Plasmid Name: pCDH_CMV_dHMGA_mKate2_CLEAVAGE

Relevant Mutation: Truncation mutant containing MTS (1-42) as well as linker, HMGB and C-tail domains (123-246). This mutant lacks the HMGA domain. An amino acid (S) was added at position 43 to restore the mitochondrial cleavage site.

Record Creation Time: 20220422T221940+0000

Record Last Update: 20260725T074216+0000

Ratings and Alerts

No rating or validation information has been found for pCDH_CMV_dHMGA_mKate2_CLEAVAGE.

No alerts have been found for pCDH_CMV_dHMGA_mKate2_CLEAVAGE.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.