

Resource Summary Report

Generated by [nidm-terms](#) on Aug 9, 2026

pCLR2068

RRID:Addgene_28062

Type: Plasmid

Proper Citation

RRID:Addgene_28062

Plasmid Information

URL: <http://www.addgene.org/28062>

Proper Citation: RRID:Addgene_28062

Insert Name: FokI endonuclease

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:17603475](#)

Vector Backbone Description: Backbone Size:5725; Vector Backbone:pMLM290;
Vector Types:Mammalian Expression, Zebrafish expression; Bacterial
Resistance:Ampicillin

Comments: For expression of a ZFN targeted to a site with a 5 or 6 bp spacer and “+” KKR heterodimeric FokI domain. (Doyon et. al,Nat Biotech 2011) in mammalian cells or zebrafish as described by Moore et al., PLoS One 2012 (<https://www.ncbi.nlm.nih.gov/pubmed/22655075>) and Cade et al., Nucleic Acids Res 2012 (<https://www.ncbi.nlm.nih.gov/pubmed/22684503>)

Plasmid Name: pCLR2068

Relevant Mutation: Contains H537R point mutation in FokI domain, as well as E490K and I538K present in the vector backbone

Record Creation Time: 20220422T222126+0000

Record Last Update: 20260808T081509+0000

Ratings and Alerts

No rating or validation information has been found for pCLR2068.

No alerts have been found for pCLR2068.

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 [nidm-terms](#) .

Hwang WY, et al. (2014) Methods for targeted mutagenesis in zebrafish using TALENs. Methods (San Diego, Calif.), 69(1), 76.