

Resource Summary Report

Generated by [nidm-terms](#) on Jul 30, 2026

pCLR2070

RRID:Addgene_28063

Type: Plasmid

Proper Citation

RRID:Addgene_28063

Plasmid Information

URL: <http://www.addgene.org/28063>

Proper Citation: RRID:Addgene_28063

Insert Name: FokI endonuclease

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:17603475](#)

Vector Backbone Description: Backbone Size:5725; Vector Backbone:pMLM292;
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 “-”
ELD 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: pCLR2070

Relevant Mutation: Contains N496D point mutation in FokI domain, as well as Q486E
and I499L present in the vector backbone

Record Creation Time: 20220422T222126+0000

Record Last Update: 20260725T074524+0000

Ratings and Alerts

No rating or validation information has been found for pCLR2070.

No alerts have been found for pCLR2070.

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.