

Resource Summary Report

Generated by [dkNET](#) on Aug 19, 2026

TALEN_C63

RRID:Addgene_40788

Type: Plasmid

Proper Citation

RRID:Addgene_40788

Plasmid Information

URL: <http://www.addgene.org/40788>

Proper Citation: RRID:Addgene_40788

Insert Name: Transcription Activator Like Effector Nuclease

Organism: Xanthamonas oryzae

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:5428; Vector Backbone:pcDNA3.1; Vector Types:Mammalian Expression, TALEN; Bacterial Resistance:Ampicillin

Comments: MR15 is a designation vector for the Cermak et al Golden Gate system designed for expression in mammalian cells. Please acknowledge the principal investigator, Dr. Gang Bao, and include this article in your citations if you use this plasmid in a publication. Also, please include the text "Addgene plasmid 40788" in your Materials and Methods section.

Plasmid Name: TALEN_C63

Relevant Mutation: +63 C Terminus, Codon Optimized FokI Endonuclease

Record Creation Time: 20220422T222211+0000

Record Last Update: 20260815T081438+0000

Ratings and Alerts

No rating or validation information has been found for TALEN_C63.

No alerts have been found for TALEN_C63.

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 [dkNET](#) .

Fine EJ, et al. (2014) An online bioinformatics tool predicts zinc finger and TALE nuclease off-target cleavage. Nucleic acids research, 42(6), e42.