

Resource Summary Report

Generated by [dkNET](#) on Sep 9, 2026

pCMV-T7-SpCas9-VRER-P2A-EGFP (RTW3160)

RRID:Addgene_139991

Type: Plasmid

Proper Citation

RRID:Addgene_139991

Plasmid Information

URL: <http://www.addgene.org/139991>

Proper Citation: RRID:Addgene_139991

Insert Name: human codon optimized SpCas9-VRER with BPNLS-3xFLAG-P2A-EGFP

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:32217751](#)

Vector Backbone Description: Backbone Marker:Kleinstiver Lab (Addgene ID 139987); Vector Backbone:RTW3027; Vector Types:Mammalian Expression, CRISPR, in vitro transcription; T7 promoter; Bacterial Resistance:Ampicillin

Plasmid Name: pCMV-T7-SpCas9-VRER-P2A-EGFP (RTW3160)

Relevant Mutation: VRER=D1135V/G1218R/R1335E/T1337R

Record Creation Time: 20220422T221809+0000

Record Last Update: 20260905T074850+0000

Ratings and Alerts

No rating or validation information has been found for pCMV-T7-SpCas9-VRER-P2A-EGFP (RTW3160).

No alerts have been found for pCMV-T7-SpCas9-VRER-P2A-EGFP (RTW3160).

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](#) .

Kweon J, et al. (2021) Engineered prime editors with PAM flexibility. Molecular therapy : the journal of the American Society of Gene Therapy, 29(6), 2001.