# **Resource Summary Report**

Generated by FDI Lab - SciCrunch.org on May 12, 2025

# pCMV-T7-SpG-P2A-EGFP (RTW4177)

RRID:Addgene\_139988 Type: Plasmid

#### **Proper Citation**

RRID:Addgene\_139988

# **Plasmid Information**

URL: http://www.addgene.org/139988

Proper Citation: RRID:Addgene\_139988

**Insert Name:** human codon optimized SpCas9 variant named SpG 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, Other, in vitro transcription; T7 promoter; Bacterial Resistance:Ampicillin

Plasmid Name: pCMV-T7-SpG-P2A-EGFP (RTW4177)

Relevant Mutation: SpG=D1135L/S1136W/G1218K/E1219Q/R1335Q/T1337R

Record Creation Time: 20220422T221809+0000

Record Last Update: 20230915T080405+0000

**Ratings and Alerts** 

No rating or validation information has been found for pCMV-T7-SpG-P2A-EGFP (RTW4177).

No alerts have been found for pCMV-T7-SpG-P2A-EGFP (RTW4177).

## Data and Source Information

Source: Addgene

## **Usage and Citation Metrics**

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

McLean ZL, et al. (2024) Splice modulators target PMS1 to reduce somatic expansion of the Huntington's disease-associated CAG repeat. Nature communications, 15(1), 3182.

McLean ZL, et al. (2023) PMS1 as a target for splice modulation to prevent somatic CAG repeat expansion in Huntington's disease. bioRxiv : the preprint server for biology.