

# Resource Summary Report

Generated by [RRID](#) on Aug 26, 2026

## ATP1A1\_G4\_Q118R\_MTOR\_F2108L\_Dual\_pegRNA

RRID:Addgene\_178102

Type: Plasmid

### Proper Citation

RRID:Addgene\_178102

### Plasmid Information

**URL:** <http://www.addgene.org/178102>

**Proper Citation:** RRID:Addgene\_178102

**Insert Name:** ATP1A1 G4 Q118R pegRNA + MTOR-F2108L pegRNA

**Bacterial Resistance:** Ampicillin

**Defining Citation:** [PMID:36207338](#)

**Vector Backbone Description:** Vector Backbone:pU6-pegRNA-GG-acceptor; Vector Types:Mammalian Expression, CRISPR, Prime editing; Bacterial Resistance:Ampicillin

**Comments:** Control pegRNA vector derived from ATP1A1\_G4\_Q118R\_Dual\_pegRNA. This vector can be used as a positive control for prime editing (PE3 in combination with ATP1A1\_G3\_MTOR\_Nick\_Intron-45\_Dual\_sgRNA) to co-target ATP1A1 (Q118R) and MTOR to perform coselection for MTOR rapamycin resistance mutation F2108L. Please visit <https://doi.org/10.1101/2021.11.02.464583> for bioRxiv preprint.

**Plasmid Name:** ATP1A1\_G4\_Q118R\_MTOR\_F2108L\_Dual\_pegRNA

**Record Creation Time:** 20220422T222027+0000

**Record Last Update:** 20260815T081114+0000

### Ratings and Alerts

No rating or validation information has been found for ATP1A1\_G4\_Q118R\_MTOR\_F2108L\_Dual\_pegRNA.

No alerts have been found for ATP1A1\_G4\_Q118R\_MTOR\_F2108L\_Dual\_pegRNA.

### Data and Source Information

**Source:** [Addgene](#)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.