

Resource Summary Report

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

ATP1A1_G6_T804N_MTOR_I2017T_Dual_pegRNA

RRID:Addgene_178108

Type: Plasmid

Proper Citation

RRID:Addgene_178108

Plasmid Information

URL: <http://www.addgene.org/178108>

Proper Citation: RRID:Addgene_178108

Insert Name: ATP1A1 G6 T804N pegRNA + MTOR-I2017T 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_G6_T804N_Dual_pegRNA. This vector can be used as a positive control for prime editing (PE3 in combination with ATP1A1_G8_MTOR_Nick_Exon-44_Dual_sgRNA) to co-target ATP1A1 (T804N) and MTOR to perform coselection for MTOR hyperactivating mutation I2017T. Please visit <https://doi.org/10.1101/2021.11.02.464583> for bioRxiv preprint.

Plasmid Name: ATP1A1_G6_T804N_MTOR_I2017T_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_G6_T804N_MTOR_I2017T_Dual_pegRNA.

No alerts have been found for ATP1A1_G6_T804N_MTOR_I2017T_Dual_pegRNA.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.