

Resource Summary Report

Generated by [RRID](#) on Aug 22, 2026

pX330_ATP1A1_G7

RRID:Addgene_173204

Type: Plasmid

Proper Citation

RRID:Addgene_173204

Plasmid Information

URL: <http://www.addgene.org/173204>

Proper Citation: RRID:Addgene_173204

Insert Name: ATP1A1 G7 sgRNA + SpCas9

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:36207338](#)

Vector Backbone Description: Vector Backbone:pX330-U6-Chimeric_BB-CBh-hSpCas9; Vector Types:Mammalian Expression, CRISPR; Bacterial Resistance:Ampicillin

Comments: ATP1A1 G7 sgRNA target ATP1A1 intron 17 and this plasmid can be used to directly target a transgene to the ATP1A1 locus itself, including the mTOR Signaling Indicator (TOSI) using ATP1A1_T804N_hPGK1_mScarlet-I-TOSI_Donor. This plasmid is derived from pX330-U6-Chimeric_BB-CBh-hSpCas9. Please visit <https://doi.org/10.1101/2021.11.02.464583> for bioRxiv preprint.

Plasmid Name: pX330_ATP1A1_G7

Record Creation Time: 20220422T222004+0000

Record Last Update: 20260815T081031+0000

Ratings and Alerts

No rating or validation information has been found for pX330_ATP1A1_G7.

No alerts have been found for pX330_ATP1A1_G7.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.