

Resource Summary Report

Generated by [kravitz2](#) on Jul 30, 2026

pEN_TT 3xFLAG-MAVS-Gln93,Ala271

RRID:Addgene_158632

Type: Plasmid

Proper Citation

RRID:Addgene_158632

Plasmid Information

URL: <http://www.addgene.org/158632>

Proper Citation: RRID:Addgene_158632

Insert Name: MAVS

Organism: Homo sapiens

Bacterial Resistance: Gentamicin

Defining Citation: [PMID:33740397](#)

Vector Backbone Description: Backbone Marker:Addgene #83274; Vector Backbone:pEN_TTmiR2c_3xFLAG; Vector Types:Gateway Cloning; Bacterial Resistance:Gentamicin

Comments: The plasmid differs from the MAVS reference sequence at 2 positions (Q198K and S409F). This plasmid has an additional Q271A mutation, and amino acid 93 (glutamate, E) was mutated back to the reference (glutamine, Q). Gene point mutations were performed using the QuikChange Kit (Agilent Cat#200517) two times on the pEN_TT 3XFLAG-MAVS plasmid: one mutagenesis to yield pEN_TT 3XFLAG-MAVS-Q271A and a second mutagenesis to yield the double mutant. The clones displayed consistent off-target mutations at one of two points. Two clones with different off-target mutations were digested and the good pieces ligated together so to yield the final sequence.

Plasmid Name: pEN_TT 3xFLAG-MAVS-Gln93,Ala271

Relevant Mutation: E93Q/Q271A

Record Creation Time: 20220422T221859+0000

Record Last Update: 20260725T074101+0000

Ratings and Alerts

No rating or validation information has been found for pEN_TT 3xFLAG-MAVS-Gln93,Ala271.

No alerts have been found for pEN_TT 3xFLAG-MAVS-Gln93,Ala271.

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 [kravitz2](#) .

Lopacinski AB, et al. (2021) Modeling the complete kinetics of coxsackievirus B3 reveals human determinants of host-cell feedback. Cell systems, 12(4), 304.