

Resource Summary Report

Generated by [RRID](#) on Aug 19, 2026

pYPQ292 (AaCas12b)-D570A-TV-MS2-TV

RRID:Addgene_136381

Type: Plasmid

Proper Citation

RRID:Addgene_136381

Plasmid Information

URL: <http://www.addgene.org/136381>

Proper Citation: RRID:Addgene_136381

Insert Name: AaCas12b (D570A)-TV-T2A-MCP-TV

Organism: Alicyclobacillus acidiphilus

Bacterial Resistance: Spectinomycin

Defining Citation: [PMID:32170285](#)

Vector Backbone Description: Vector Backbone:pYPQ167; Vector Types:Plant Expression, CRISPR; Bacterial Resistance:Spectinomycin

Comments: TV activation system is from: Li, Z., Zhang, D., Xiong, X. et al. A potent Cas9-derived gene activator for plant and mammalian cells. Nature Plants 3, 930–936 (2017) doi:10.1038/s41477-017-0046-2

Plasmid Name: pYPQ292 (AaCas12b)-D570A-TV-MS2-TV

Relevant Mutation: D570A

Record Creation Time: 20220422T221752+0000

Record Last Update: 20260815T080605+0000

Ratings and Alerts

No rating or validation information has been found for pYPQ292 (AaCas12b)-D570A-TV-MS2-TV.

No alerts have been found for pYPQ292 (AaCas12b)-D570A-TV-MS2-TV.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.