

Resource Summary Report

Generated by [RRID](#) on Aug 17, 2026

pDZ306 (GLT1 POL1 24xPP7SL)

RRID:Addgene_35196

Type: Plasmid

Proper Citation

RRID:Addgene_35196

Plasmid Information

URL: <http://www.addgene.org/35196>

Proper Citation: RRID:Addgene_35196

Insert Name: GLT1 POL1 24xPP7SL

Organism: Synthetic

Bacterial Resistance: Ampicillin and Kanamycin

Defining Citation: [PMID:21512033](#)

Vector Backbone Description: Vector Backbone:pHIS; Vector Types:; Bacterial Resistance:Ampicillin and Kanamycin

Comments: Note that Addgene NGS results found 22xPP7 stem loop repeats rather than expected 24. It is not known how this impacts plasmid function. This plasmid was designed to construct mRNAs that contain multiple copies of an RNA sequence (the 24xPP7 stem-loops) that can be recognized by a chimeric RNA-binding protein fused to GFP, encoded in plasmid pDZ276 (Addgene plasmid #35194). See associated publication for detailed methods and use of this plasmid. Please note that the LacZa-ccdB fusion in this plasmid is not functional and was originally present in the vector backbone to aid in screening for insert.

Plasmid Name: pDZ306 (GLT1 POL1 24xPP7SL)

Record Creation Time: 20220422T222150+0000

Record Last Update: 20260815T081358+0000

Ratings and Alerts

No rating or validation information has been found for pDZ306 (GLT1 POL1 24xPP7SL).

No alerts have been found for pDZ306 (GLT1 POL1 24xPP7SL).

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 [RRID](#) .

Aymoz D, et al. (2016) Real-time quantification of protein expression at the single-cell level via dynamic protein synthesis translocation reporters. Nature communications, 7, 11304.