

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 10, 2026

pAAV-CAG-DIO-tTA

RRID:Addgene_127091

Type: Plasmid

Proper Citation

RRID:Addgene_127091

Plasmid Information

URL: <http://www.addgene.org/127091>

Proper Citation: RRID:Addgene_127091

Insert Name: tTA

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:31028266](#)

Vector Backbone Description: Vector Backbone:pAAV; Vector Types:Mammalian Expression, AAV; Bacterial Resistance:Ampicillin

Comments: *Note: This construct is based on Addgene ID 99121 (the ihSyn1 promoter was changed to the CAG promoter). The tTA was made from a reverse tetracycline transactivator (rtTA) by changing two amino acids (G19E and P56A). These two residue changes have been shown to be sufficient for the reverse phenotype (10.1073/pnas.130192197).

Plasmid Name: pAAV-CAG-DIO-tTA

Relevant Mutation: *(see below)

Record Creation Time: 20220422T221706+0000

Record Last Update: 20260808T080709+0000

Ratings and Alerts

No rating or validation information has been found for pAAV-CAG-DIO-tTA.

No alerts have been found for pAAV-CAG-DIO-tTA.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.