

Resource Summary Report

Generated by [RRID](#) on Aug 27, 2026

pAAV-ihSyn1-DIO-tTA

RRID:Addgene_99121

Type: Plasmid

Proper Citation

RRID:Addgene_99121

Plasmid Information

URL: <http://www.addgene.org/99121>

Proper Citation: RRID:Addgene_99121

Insert Name: DIO-tTA

Organism: Other

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:28671695](#)

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

Comments: *Note: The tTA in this plasmid 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-ihSyn1-DIO-tTA

Relevant Mutation: *(see below)

Record Creation Time: 20220422T222633+0000

Record Last Update: 20260815T082245+0000

Ratings and Alerts

No rating or validation information has been found for pAAV-ihSyn1-DIO-tTA.

No alerts have been found for pAAV-ihSyn1-DIO-tTA.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Aaltonen A, et al. (2026) Postnatal reduction of eIF4E overexpression in D1-SPNs ameliorates KCNQ channel dysfunction, hyperexcitability and ASD-like behaviours. Cellular and molecular life sciences : CMLS, 83(1).

Iqbal J, et al. (2026) A prelimbic molecular clock of protein synthesis for memory persistence. bioRxiv : the preprint server for biology.