

Resource Summary Report

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

pAAV-EF1a-DIO-tdTomato-WPRE

RRID:Addgene_133786

Type: Plasmid

Proper Citation

RRID:Addgene_133786

Plasmid Information

URL: <http://www.addgene.org/133786>

Proper Citation: RRID:Addgene_133786

Insert Name: pAAV-EF1a-DIO-tdTomato-WPRE

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:31591211](#)

Vector Backbone Description: Backbone Marker:karl deisseroth; Vector Backbone:pAAV-EF1a-double floxed-TdTomato-WPRE; Vector Types:Mammalian Expression, AAV, Cre/Lox; Bacterial Resistance:Ampicillin

Comments: Please note: Plasmid contains a T230I mutation in tdTomato. This mutation is not known to affect plasmid function.

Plasmid Name: pAAV-EF1a-DIO-tdTomato-WPRE

Record Creation Time: 20220422T221740+0000

Record Last Update: 20260725T073838+0000

Ratings and Alerts

No rating or validation information has been found for pAAV-EF1a-DIO-tdTomato-WPRE.

No alerts have been found for pAAV-EF1a-DIO-tdTomato-WPRE.

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 [NIF](#) .

Chang Y, et al. (2024) Vglut2-based glutamatergic signaling in central noradrenergic neurons is dispensable for normal breathing and chemosensory reflexes. bioRxiv : the preprint server for biology.

Chang Y, et al. (2024) Vglut2-based glutamatergic signaling in central noradrenergic neurons is dispensable for normal breathing and chemosensory reflexes. eLife, 12.