

Resource Summary Report

Generated by [NIF](#) on Sep 16, 2026

pAAV-hSyn1-FLEX-NEPLDCV-P2A-mRUBY3-WPRE

RRID:Addgene_207664

Type: Plasmid

Proper Citation

RRID:Addgene_207664

Plasmid Information

URL: <http://www.addgene.org/207664>

Proper Citation: RRID:Addgene_207664

Insert Name: NEP

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:36712060](#)

Vector Backbone Description: Backbone Size:5116; Vector Backbone:pAAV-hSynapsin1-FLEEx-axon-GCaMP6s-P2A-mRuby3; Vector Types:AAV, Cre/Lox; Bacterial Resistance:Ampicillin

Comments: Please visit <https://doi.org/10.1101/2023.01.19.524797> for bioRxiv preprint.

Plasmid Name: pAAV-hSyn1-FLEX-NEPLDCV-P2A-mRUBY3-WPRE

Relevant Mutation: Addition of signaling peptide (POMC) on the N-terminus

Record Creation Time: 20231208T080514+0000

Record Last Update: 20260912T093940+0000

Ratings and Alerts

No rating or validation information has been found for pAAV-hSyn1-FLEX-NEPLDCV-P2A-mRUBY3-WPRE.

No alerts have been found for pAAV-hSyn1-FLEX-NEPLDCV-P2A-mRUBY3-WPRE.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.