

Resource Summary Report

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

AAV-Syn-FLPX-rc [ChrimsonR-tdTomato]

RRID:Addgene_128589

Type: Plasmid

Proper Citation

RRID:Addgene_128589

Plasmid Information

URL: <http://www.addgene.org/128589>

Proper Citation: RRID:Addgene_128589

Insert Name: ChrimsonR-tdTomato

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:24509633](#)

Vector Backbone Description: Backbone Marker:Epoch; Backbone Size:4458; Vector Backbone:AAV-CAG-FLPX; Vector Types:Mammalian Expression, AAV; Bacterial Resistance:Ampicillin

Comments: The plasmid is fully sequenced in the coding sequence regions (opsin-fluorophore and important flanking regions). Multiple digestions were done to verify the vector structure. The construct and the virus were both tested in vitro.

Plasmid Name: AAV-Syn-FLPX-rc [ChrimsonR-tdTomato]

Relevant Mutation: Chrimson K176R mutant

Record Creation Time: 20220422T221715+0000

Record Last Update: 20260725T073752+0000

Ratings and Alerts

No rating or validation information has been found for AAV-Syn-FLPX-rc [ChrimsonR-tdTomato].

No alerts have been found for AAV-Syn-FLPX-rc [ChrimsonR-tdTomato].

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](#) .

Ding X, et al. (2025) Neuroendocrine circuit for sleep-dependent growth hormone release. Cell, 188(18), 4968.

Winter CC, et al. (2023) A transcriptomic taxonomy of mouse brain-wide spinal projecting neurons. Nature, 624(7991), 403.