

Resource Summary Report

Generated by [NIF](#) on Sep 14, 2026

pAAV-EF1a-DIO-ChrimsonR-mRuby2-KV2.1-WPRE-SV40

RRID:Addgene_124603

Type: Plasmid

Proper Citation

RRID:Addgene_124603

Plasmid Information

URL: <http://www.addgene.org/124603>

Proper Citation: RRID:Addgene_124603

Insert Name: Soma-localized ChrimsonR

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:30842660](#)

Vector Backbone Description: Backbone Marker:Genscript; Backbone Size:3000; Vector Backbone:pcDNA; Vector Types:Mammalian Expression, AAV; Bacterial Resistance:Ampicillin

Plasmid Name: pAAV-EF1a-DIO-ChrimsonR-mRuby2-KV2.1-WPRE-SV40

Record Creation Time: 20220422T221653+0000

Record Last Update: 20260912T091725+0000

Ratings and Alerts

No rating or validation information has been found for pAAV-EF1a-DIO-ChrimsonR-mRuby2-KV2.1-WPRE-SV40.

No alerts have been found for pAAV-EF1a-DIO-ChrimsonR-mRuby2-KV2.1-WPRE-SV40.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Macdonald EE, et al. (2026) A synaptic mechanism for encoding the learned value of action-derived safety. Nature communications, 17(1).

Reinhold K, et al. (2025) Striatum supports fast learning but not memory recall. Nature, 643(8071), 458.

Concetti C, et al. (2024) Exploratory Rearing Is Governed by Hypothalamic Melanin-Concentrating Hormone Neurons According to Locus Ceruleus. The Journal of neuroscience : the official journal of the Society for Neuroscience, 44(21).

Topilko T, et al. (2022) Edinger-Westphal peptidergic neurons enable maternal preparatory nesting. Neuron, 110(8), 1385.