

# Resource Summary Report

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

## pAAV-Ef1a DIO-rsChRmine-oScarlet-Kv2.1-WPRE

RRID:Addgene\_183529

Type: Plasmid

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### Proper Citation

RRID:Addgene\_183529

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### Plasmid Information

**URL:** <http://www.addgene.org/183529>

**Proper Citation:** RRID:Addgene\_183529

**Insert Name:** rsChRmine-oScarlet-Kv2.1

**Organism:** Synthetic

**Bacterial Resistance:** Ampicillin

**Defining Citation:** [PMID:35114111](#)

**Vector Backbone Description:** Backbone Marker:Stratagene; Backbone Size:5577; Vector Backbone:pAAV-Ef1a DIO; Vector Types:AAV; Bacterial Resistance:Ampicillin

**Plasmid Name:** pAAV-Ef1a DIO-rsChRmine-oScarlet-Kv2.1-WPRE

**Relevant Mutation:** I146M/G174S

**Record Creation Time:** 20220515T080216+0000

**Record Last Update:** 20260815T082257+0000

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### Ratings and Alerts

No rating or validation information has been found for pAAV-Ef1a DIO-rsChRmine-oScarlet-Kv2.1-WPRE.

No alerts have been found for pAAV-Ef1a DIO-rsChRmine-oScarlet-Kv2.1-WPRE.

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### Data and Source Information

**Source:** [Addgene](#)

## Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Lakunina A, et al. (2025) Neuropixels Opto: Combining high-resolution electrophysiology and optogenetics. bioRxiv : the preprint server for biology.