

Resource Summary Report

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

pAAV-CaMKIIa(0.4)-eOPN3-mScarlet-WPRE

RRID:Addgene_125712

Type: Plasmid

Proper Citation

RRID:Addgene_125712

Plasmid Information

URL: <http://www.addgene.org/125712>

Proper Citation: RRID:Addgene_125712

Insert Name: eOPN3

Organism: Anopheles stephensi (Asian malaria mosquito)

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:33979634](#)

Vector Backbone Description: Backbone Size:3788; Vector Backbone:pAAV; Vector Types:Mammalian Expression, AAV; Bacterial Resistance:Ampicillin

Comments: Please visit <https://www.biorxiv.org/content/10.1101/2021.02.18.431673v1> for the bioRxiv preprint.

Plasmid Name: pAAV-CaMKIIa(0.4)-eOPN3-mScarlet-WPRE

Relevant Mutation: deleted amino acids 331-429

Record Creation Time: 20220422T221659+0000

Record Last Update: 20260725T073724+0000

Ratings and Alerts

No rating or validation information has been found for pAAV-CaMKIIa(0.4)-eOPN3-mScarlet-WPRE.

No alerts have been found for pAAV-CaMKIIa(0.4)-eOPN3-mScarlet-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](#) .

Kawatani M, et al. (2024) Interareal Synaptic Inputs Underlying Whisking-Related Activity in the Primary Somatosensory Barrel Cortex. The Journal of neuroscience : the official journal of the Society for Neuroscience, 44(4).

Mahn M, et al. (2021) Efficient optogenetic silencing of neurotransmitter release with a mosquito rhodopsin. Neuron, 109(10), 1621.