

Resource Summary Report

Generated by [RRID](#) on Aug 28, 2026

pAAV.Syn.Flex.NES-jRCaMP1b.WPRE.SV40

RRID:Addgene_100850

Type: Plasmid

Proper Citation

RRID:Addgene_100850

Plasmid Information

URL: <http://www.addgene.org/100850>

Proper Citation: RRID:Addgene_100850

Insert Name: jRCaMP1b

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:27011354](#)

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

Comments: This plasmid was previously available as pAAV.Syn.Flex.NES-jRCaMP1b.WPRE.SV40 (p3851) from the Penn Vector Core. This plasmid was created as part of the GENIE project at Janelia Research Campus.

Plasmid Name: pAAV.Syn.Flex.NES-jRCaMP1b.WPRE.SV40

Record Creation Time: 20220422T221450+0000

Record Last Update: 20260815T080015+0000

Ratings and Alerts

No rating or validation information has been found for pAAV.Syn.Flex.NES-jRCaMP1b.WPRE.SV40.

No alerts have been found for pAAV.Syn.Flex.NES-jRCaMP1b.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 [RRID](#) .

Guthman EM, et al. (2025) Context rescales a social action code in a hormone-sensitive network. bioRxiv : the preprint server for biology.

Lodder B, et al. (2025) Absolute measurement of fast and slow neuronal signals with fluorescence lifetime photometry at high temporal resolution. Neuron.

Foga??a MV, et al. (2024) Effects of ketamine on GABAergic and glutamatergic activity in the mPFC: biphasic recruitment of GABA function in antidepressant-like responses. bioRxiv : the preprint server for biology.

Crouse RB, et al. (2020) Acetylcholine is released in the basolateral amygdala in response to predictors of reward and enhances the learning of cue-reward contingency. eLife, 9.