

# 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](#)

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## Usage and Citation Metrics

We found 4 mentions in open access literature.

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

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

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

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.