

# Resource Summary Report

Generated by [RRID](#) on Aug 19, 2026

## [pAAV.hSyn.iGluSnFR3.v857.SGZ](#)

RRID:Addgene\_178330

Type: Plasmid

### Proper Citation

RRID:Addgene\_178330

### Plasmid Information

**URL:** <http://www.addgene.org/178330>

**Proper Citation:** RRID:Addgene\_178330

**Insert Name:** pAAV hSyn iGluSnFR3 v857.SGZ

**Organism:** Mus musculus

**Bacterial Resistance:** Ampicillin

**Defining Citation:** [PMID:37142767](#)

**Vector Backbone Description:** Backbone Size:4200; Vector Backbone:pAAV hSyn; Vector Types:Mammalian Expression, Mouse Targeting, AAV, Cre/Lox, Synthetic Biology; Bacterial Resistance:Ampicillin

**Plasmid Name:** pAAV.hSyn.iGluSnFR3.v857.SGZ

**Record Creation Time:** 20220422T222028+0000

**Record Last Update:** 20260815T081117+0000

### Ratings and Alerts

No rating or validation information has been found for pAAV.hSyn.iGluSnFR3.v857.SGZ.

No alerts have been found for pAAV.hSyn.iGluSnFR3.v857.SGZ.

### 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](#) .

Mohylyak I, et al. (2025) Temporal transcriptional regulation of mitochondrial morphology primes activity-dependent circuit connectivity. *Nature communications*, 16(1), 8173.

Barzasi M, et al. (2025) Arg209Lys and Gln508His missense variants in Rabphilin 3A cause pre- and post-synaptic dysfunctions at excitatory glutamatergic synapses. *Scientific reports*, 15(1), 8698.

Cuhadar U, et al. (2024) Activity-driven synaptic translocation of LGI1 controls excitatory neurotransmission. *Cell reports*, 43(5), 114186.

Ralowicz AJ, et al. (2024) Frequency of Spontaneous Neurotransmission at Individual Boutons Corresponds to the Size of the Readily Releasable Pool of Vesicles. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 44(18).