

Resource Summary Report

Generated by [NIF](#) on Jul 31, 2026

AAV-EF1A-mScarlet-Gephyrin.FingR-IL2RGTC

RRID:Addgene_125695

Type: Plasmid

Proper Citation

RRID:Addgene_125695

Plasmid Information

URL: <http://www.addgene.org/125695>

Proper Citation: RRID:Addgene_125695

Insert Name: mScarlet-Gephyrin.FingR-IL2RGTC

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:32674057](#)

Vector Backbone Description: Backbone Size:4589; Vector Backbone:AAV2; Vector Types:Mammalian Expression, AAV; Bacterial Resistance:Ampicillin

Plasmid Name: AAV-EF1A-mScarlet-Gephyrin.FingR-IL2RGTC

Record Creation Time: 20220422T221658+0000

Record Last Update: 20260725T073724+0000

Ratings and Alerts

No rating or validation information has been found for AAV-EF1A-mScarlet-Gephyrin.FingR-IL2RGTC.

No alerts have been found for AAV-EF1A-mScarlet-Gephyrin.FingR-IL2RGTC.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Chapman CA, et al. (2025) Chronic benzodiazepine treatment triggers gephyrin scaffold destabilization and GABAAR subsynaptic reorganization. *Frontiers in cellular neuroscience*, 19, 1624813.

Kim J, et al. (2024) Presynaptic Rac1 in the hippocampus selectively regulates working memory. *bioRxiv : the preprint server for biology*.

Kim J, et al. (2024) Presynaptic Rac1 in the hippocampus selectively regulates working memory. *eLife*, 13.