

Resource Summary Report

Generated by [RRID](#) on Aug 30, 2026

pAAV-hsyn-flex-dsRed-shvgat

RRID:Addgene_67845

Type: Plasmid

Proper Citation

RRID:Addgene_67845

Plasmid Information

URL: <http://www.addgene.org/67845>

Proper Citation: RRID:Addgene_67845

Insert Name: AAV-hsyn-flexed-dsRed-miR30-vgat2.shRNA

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:26094607](#)

Vector Backbone Description: Backbone Size:2700; Vector Backbone:pUC; Vector Types:Mammalian Expression, Mouse Targeting, AAV, RNAi, Cre/Lox; Bacterial Resistance:Ampicillin

Comments: this plasmid is modified from the pRIME system. See: Stegmeier, F., Hu, G., Rickles, R.J., Hannon, G.J., and Elledge, S.J. (2005). A lentiviral microRNA-based system for single-copy polymerase II-regulated RNA interference in mammalian cells. Proc. Natl. Acad. Sci. USA 102, 13212–13217 We used The pPRIME-CMV-dsRed-FF3 vector, a gift from Stephen Elledge (Addgene plasmid 11664), as the building block to make the AAV-hsyn-flex-dsRed-miR30-vgat2.shRNA plasmid. transgene expression is Cre-dependent; contains flex switch All the enzymes are unique cutters, except EcoRI and XhoI, the insert dsRed-shRNA can be retrieved using Ascl and NheI, giving 1.2kb and 4.8kb bands. The insert was read using primers in the dsred sequence: dsred 410: CGTAATGCAGAAGAAGACTATG dsred 530R: CCATGTAGATGGACTTGAAGCTC

Plasmid Name: pAAV-hsyn-flex-dsRed-shvgat

Record Creation Time: 20220422T222423+0000

Record Last Update: 20260829T080912+0000

Ratings and Alerts

No rating or validation information has been found for pAAV-hsyn-flex-dsRed-shvgat.

No alerts have been found for pAAV-hsyn-flex-dsRed-shvgat.

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 [RRID](#) .

Pomrenze MB, et al. (2019) Dissecting the Roles of GABA and Neuropeptides from Rat Central Amygdala CRF Neurons in Anxiety and Fear Learning. Cell reports, 29(1), 13.

Aiello G, et al. (2019) Truncated BRPF1 Cooperates with Smoothed to Promote Adult Shh Medulloblastoma. Cell reports, 29(12), 4036.