

Resource Summary Report

Generated by [nidm-terms](#) on Sep 1, 2026

pAAV-hsyn-flex-dsRed-shscramble

RRID:Addgene_71383

Type: Plasmid

Proper Citation

RRID:Addgene_71383

Plasmid Information

URL: <http://www.addgene.org/71383>

Proper Citation: RRID:Addgene_71383

Insert Name: human synapsin promoter-flex switch-dsRed-shscramble

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:26094607](#)

Vector Backbone Description: Backbone Size:3000; Vector Backbone:pUC; Vector Types:Mammalian Expression, 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-shscramble plasmid 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-shscramble

Record Creation Time: 20220422T222440+0000

Record Last Update: 20260829T080942+0000

Ratings and Alerts

No rating or validation information has been found for pAAV-hysn-flex-dsRed-shscramble.

No alerts have been found for pAAV-hysn-flex-dsRed-shscramble.

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 [nidm-terms](#) .

Shen W, et al. (2026) Cell- and state-specific plasticity of striatal glutamatergic synapses is critical to the expression of levodopa-induced dyskinesia. *Neuron*, 114(11), 2006.

Jun S, et al. (2023) Organization of Purkinje cell development by neuronal MEGF11 in cerebellar granule cells. *Cell reports*, 42(9), 113137.