

Resource Summary Report

Generated by [NIF](#) on Jul 29, 2026

AAV pEF1a-DIO-FLPo-WPRE-hGHpA

RRID:Addgene_87306

Type: Plasmid

Proper Citation

RRID:Addgene_87306

Plasmid Information

URL: <http://www.addgene.org/87306>

Proper Citation: RRID:Addgene_87306

Insert Name: Cre-dependent mouse codon-optimized Flp recombinase.

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:27989459](#)

Vector Backbone Description: Backbone Marker:Stratagene; Backbone Size:5601; Vector Backbone:pAAV; Vector Types:Mammalian Expression, AAV; Bacterial Resistance:Ampicillin

Plasmid Name: AAV pEF1a-DIO-FLPo-WPRE-hGHpA

Record Creation Time: 20220422T222600+0000

Record Last Update: 20260725T075320+0000

Ratings and Alerts

No rating or validation information has been found for AAV pEF1a-DIO-FLPo-WPRE-hGHpA.

No alerts have been found for AAV pEF1a-DIO-FLPo-WPRE-hGHpA.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 33 mentions in open access literature.

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

Levi LA, et al. (2025) A ventral pallidal glutamatergic aversive network encodes abstinence from and reexposure to cocaine. *Science advances*, 11(30), eadu6074.

Vounatsos MV, et al. (2025) GPe Projections to the Retrorubral Field Give Rise to Diverging GABAergic and DAergic Circuits. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 45(2).

Balasubramanian N, et al. (2025) A New Insight into the Role of CART Peptide in Serotonergic Function and Anxiety. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 45(6).

Zhang Y, et al. (2025) A Spinal Circuit for Modular Gating of Organ Somatosensation. *bioRxiv : the preprint server for biology*.

Jamann N, et al. (2025) Layer 5 myelination gates corticothalamic coincidence detection. *Nature communications*, 16(1), 10922.

Harding EK, et al. (2025) Locus coeruleus microcircuitry processes periaqueductal gray inputs into distinct outputs for regulation of pain and anxiety. *Cell reports*, 44(12), 116699.

Soriano JE, et al. (2025) A neuronal architecture underlying autonomic dysreflexia. *Nature*, 646(8087), 1167.

François M, et al. (2025) Amygdala AVPR1A mediates susceptibility to chronic social isolation in female mice. *Nature communications*, 16(1), 9740.

Kaiser J, et al. (2025) Developmental molecular signatures define de novo cortico-brainstem circuit for skilled forelimb movement. *Research square*.

Toscano E, et al. (2025) A spinal circuit for skilled locomotion. *Current biology : CB*, 35(20), 5048.

Hagihara M, et al. (2025) Artificially induced torpor during pregnancy impairs fetal growth in mice. *Scientific reports*, 15(1), 37069.

Kinney JL, et al. (2025) Top-down regulation of subcortical regions by hippocampal long-range inhibition. *Current biology : CB*, 35(23), 5853.

B?sz E, et al. (2025) A cortico-subcortical loop for motor control via the pontine reticular formation. *Cell reports*, 44(2), 115230.

Krauth N, et al. (2025) A hypothalamus-brainstem circuit governs the prioritization of safety over essential needs. *Nature neuroscience*, 28(7), 1473.

Wang X, et al. (2025) Oxytocin Receptor Expression and Activation in Parasympathetic Brainstem Cardiac Vagal Neurons. *eNeuro*, 12(8).

Clarke-Williams CJ, et al. (2024) Coordinating brain-distributed network activities in memory resistant to extinction. *Cell*, 187(2), 409.

Lu Y, et al. (2024) Dorsolateral septum GLP-1R neurons regulate feeding via lateral hypothalamic projections. *Molecular metabolism*, 85, 101960.

Martinez de Morentin PB, et al. (2024) A brainstem to hypothalamic arcuate nucleus GABAergic circuit drives feeding. *Current biology : CB*.

Wang L, et al. (2024) State-dependent central synaptic regulation by GLP-1 is essential for energy homeostasis. *Research square*.

Lubejko ST, et al. (2024) Inputs to the locus coeruleus from the periaqueductal gray and rostroventral medulla shape opioid-mediated descending pain modulation. *Science advances*, 10(17), eadj9581.