Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 18, 2025

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: 20250403T091333+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

Usage and Citation Metrics

We found 12 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

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.

Dong Q, et al. (2023) Mutant ?1-adrenergic receptor improves REM sleep and ameliorates tau accumulation in a mouse model of tauopathy. Proceedings of the National Academy of Sciences of the United States of America, 120(15), e2221686120.

Morishita M, et al. (2023) Two-Step Actions of Testicular Androgens in the Organization of a Male-Specific Neural Pathway from the Medial Preoptic Area to the Ventral Tegmental Area for Modulating Sexually Motivated Behavior. The Journal of neuroscience : the official journal of the Society for Neuroscience, 43(44), 7322.

Schroeder A, et al. (2023) Inhibitory top-down projections from zona incerta mediate neocortical memory. Neuron, 111(5), 727.

Zingg B, et al. (2022) Application of AAV1 for Anterograde Transsynaptic Circuit Mapping and Input-Dependent Neuronal Cataloging. Current protocols, 2(1), e339.

Aldrin-Kirk P, et al. (2022) A novel two-factor monosynaptic TRIO tracing method for assessment of circuit integration of hESC-derived dopamine transplants. Stem cell reports, 17(1), 159.

Liu S, et al. (2022) Divergent brainstem opioidergic pathways that coordinate breathing with pain and emotions. Neuron, 110(5), 857.

Sengupta A, et al. (2019) A Discrete Dorsal Raphe to Basal Amygdala 5-HT Circuit Calibrates Aversive Memory. Neuron, 103(3), 489.