Resource Summary Report

Generated by RRID on Aug 25, 2026

pAAV-hsyn-GRAB_5-HT1.0

RRID:Addgene_140552
Type: Plasmid

Proper Citation

RRID:Addgene_140552

Plasmid Information

URL: http://www.addgene.org/140552

Proper Citation: RRID:Addgene_140552

Insert Name: 5-HT sensor GRAB_5-HT1.0

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: PMID:33821000

Vector Backbone Description: Backbone Size:4495; Vector Backbone:pAAV; Vector Types:AAV; Bacterial Resistance:Ampicillin

Comments: Please visit https://www.biorxiv.org/content/10.1101/2020.02.24.962282v1 for BioRxiv preprint.

Plasmid Name: pAAV-hsyn-GRAB_5-HT1.0

Record Creation Time: 20220422T221811+0000

Record Last Update: 20260815T080642+0000

Ratings and Alerts

No rating or validation information has been found for pAAV-hsyn-GRAB_5-HT1.0.

No alerts have been found for pAAV-hsyn-GRAB_5-HT1.0.

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 RRID .

Lehnert J, et al. (2026) Rapid dynamics of dorsal raphe serotonin neurons regulate the strength of visual attention. Nature communications, 17(1).

Ocana-Santero G, et al. (2024) In Vivo Two-Photon Microscopy Reveals Sensory-Evoked Serotonin (5-HT) Release in Adult Mammalian Neocortex. ACS chemical neuroscience, 15(3), 456.

Ogelman R, et al. (2024) Serotonin modulates excitatory synapse maturation in the developing prefrontal cortex. Nature communications, 15(1), 1368.