

Resource Summary Report

Generated by [RRID](#) on Aug 19, 2026

pOTTC475 - pAAV c-fos iRFP

RRID:Addgene_47906

Type: Plasmid

Proper Citation

RRID:Addgene_47906

Plasmid Information

URL: <http://www.addgene.org/47906>

Proper Citation: RRID:Addgene_47906

Insert Name: Infrared fluorescent protein

Organism: Rhodopseudomonas palustris

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:28380331](#)

Vector Backbone Description: Backbone Marker:NIDA OTTC; Vector Backbone:pAAV c-fos eYFP; Vector Types:Mammalian Expression, AAV; Bacterial Resistance:Ampicillin

Comments: Note that the "N" in the depositor's sequences is legitimately ambiguous in both the Addgene stock and the depositor's original stock. This repeat region may vary in different preps of the plasmid, but it should not affect the plasmid function.

Plasmid Name: pOTTC475 - pAAV c-fos iRFP

Record Creation Time: 20220422T222246+0000

Record Last Update: 20260815T081545+0000

Ratings and Alerts

No rating or validation information has been found for pOTTC475 - pAAV c-fos iRFP.

No alerts have been found for pOTTC475 - pAAV c-fos iRFP.

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](#) .

Patel M, et al. (2025) C?X?C Motif Chemokine 10/C-X?C Motif Chemokine Receptor 3 Signaling Induces Neural Senescence and Cognitive Impairments. ACS pharmacology & translational science, 8(9), 2908.

Williamson MR, et al. (2025) Learning-associated astrocyte ensembles regulate memory recall. Nature, 637(8045), 478.

Richie CT, et al. (2017) Near-infrared fluorescent protein iRFP713 as a reporter protein for optogenetic vectors, a transgenic Cre-reporter rat, and other neuronal studies. Journal of neuroscience methods, 284, 1.