

Resource Summary Report

Generated by [nidm-terms](#) on Aug 9, 2026

pDisplay-GACh2.0

RRID:Addgene_106073

Type: Plasmid

Proper Citation

RRID:Addgene_106073

Plasmid Information

URL: <http://www.addgene.org/106073>

Proper Citation: RRID:Addgene_106073

Insert Name: GPCR activation based ACh sensor (GACh) 2.0

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:29985477](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:7242; Vector Backbone:pDisplay vector; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pDisplay-GACh2.0

Record Creation Time: 20220422T221515+0000

Record Last Update: 20260808T080347+0000

Ratings and Alerts

No rating or validation information has been found for pDisplay-GACh2.0.

No alerts have been found for pDisplay-GACh2.0.

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](#) .

Sarker SR, et al. (2025) Harnessing Dye-Induced Local Heating in Lipid Membranes: A Path to Near-Infrared Light-Modulated Artificial Synaptic Vesicles. ACS nano, 19(31), 28768.

Ino D, et al. (2022) A fluorescent sensor for real-time measurement of extracellular oxytocin dynamics in the brain. Nature methods, 19(10), 1286.