

Resource Summary Report

Generated by [RRID](#) on Aug 21, 2026

pDisplay-Rncp-iGluSnFR1

RRID:Addgene_107336

Type: Plasmid

Proper Citation

RRID:Addgene_107336

Plasmid Information

URL: <http://www.addgene.org/107336>

Proper Citation: RRID:Addgene_107336

Insert Name: Rncp-iGluSnFR1

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:29308878](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:5268; Vector Backbone:pDisplay; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: Please note that mutation M178K in the Neomycin resistance cassette was found during Addgene's quality control. Neomycin selection has not been tested for this plasmid, but should not affect sensor function.

Plasmid Name: pDisplay-Rncp-iGluSnFR1

Record Creation Time: 20220422T221520+0000

Record Last Update: 20260815T080110+0000

Ratings and Alerts

No rating or validation information has been found for pDisplay-Rncp-iGluSnFR1.

No alerts have been found for pDisplay-Rncp-iGluSnFR1.

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 [RRID](#) .

Zhou SH, et al. (2025) The force-sensing GPCR LPHN2 is indispensable for normal auditory function. Cell reports, 44(11), 116519.

Wu Z, et al. (2022) A sensitive GRAB sensor for detecting extracellular ATP in vitro and in vivo. Neuron, 110(5), 770.