

Resource Summary Report

Generated by [RRID](#) on Aug 22, 2026

GFP-MAPPER

RRID:Addgene_117721

Type: Plasmid

Proper Citation

RRID:Addgene_117721

Plasmid Information

URL: <http://www.addgene.org/117721>

Proper Citation: RRID:Addgene_117721

Insert Name: MAPPER

Organism: Synthetic

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:24183667](#)

Vector Backbone Description: Backbone Marker:Clontech; Backbone Size:4758; Vector Backbone:pEGFP-C1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Plasmid Name: GFP-MAPPER

Record Creation Time: 20220422T221616+0000

Record Last Update: 20260815T080256+0000

Ratings and Alerts

No rating or validation information has been found for GFP-MAPPER.

No alerts have been found for GFP-MAPPER.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 11 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Verpoort B, et al. (2025) A postsynaptic GPR158-PLCXD2 complex controls spine apparatus abundance and dendritic spine maturation. *Developmental cell*.

Chhikara A, et al. (2025) Activity-dependent localization and dynamics of STIM1 and STIM2 at ER-PM contacts in hippocampal neurons. *Cell reports*, 44(10), 116290.

Merta H, et al. (2025) Spatial proteomics of ER tubules reveals CLMN, an ER-actin tether at focal adhesions that promotes cell migration. *Cell reports*, 44(4), 115502.

Chen Z, et al. (2025) External strain on the plasma membrane is relayed to the endoplasmic reticulum by membrane contact sites and alters cellular energetics. *Science advances*, 11(26), eads6132.

Weesner JA, et al. (2024) Altered GM1 catabolism affects NMDAR-mediated Ca²⁺ signaling at ER-PM junctions and increases synaptic spine formation in a GM1-gangliosidosis model. *Cell reports*, 43(5), 114117.

Stephan G, et al. (2024) Modulation of GPR133 (ADGRD1) signaling by its intracellular interaction partner extended synaptotagmin 1. *Cell reports*, 43(5), 114229.

Parolek J, et al. (2024) Bridge-like lipid transfer protein family member 2 suppresses ciliogenesis. *Molecular biology of the cell*, 35(5), br11.

Stephan G, et al. (2023) Modulation of GPR133 (ADGRD1) Signaling by its Intracellular Interaction Partner Extended Synaptotagmin 1 (ESYT1). *bioRxiv : the preprint server for biology*.

Ganji R, et al. (2023) The p97-UBXD8 complex regulates ER-Mitochondria contact sites by altering membrane lipid saturation and composition. *Nature communications*, 14(1), 638.

Gao Y, et al. (2022) PDZD8-mediated lipid transfer at contacts between the ER and late endosomes/lysosomes is required for neurite outgrowth. *Journal of cell science*, 135(5).

Zomot E, et al. (2021) Bidirectional regulation of calcium release-activated calcium (CRAC) channel by SARAF. *The Journal of cell biology*, 220(12).