

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](#) on Apr 17, 2025

GFP-UtrCH

RRID:Addgene_26737

Type: Plasmid

Proper Citation

RRID:Addgene_26737

Plasmid Information

URL: <http://www.addgene.org/26737>

Proper Citation: RRID:Addgene_26737

Insert Name: Utrophin

Organism: Other

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:17685442](#)

Vector Backbone Description: Backbone Size:4097; Vector Backbone:pCS2+; Vector Types:Mammalian Expression, Other, reporter for F-actin; Bacterial Resistance:Ampicillin

Comments: The calponin homology domain of utrophin (Utr-CH) was fused to eGFP in order to visualize F-actin. Uploaded sequence from depositing lab includes the complete GFP-utrophin sequence. Please note that mutation Q236R in utrophin was found during Addgene's quality control. The mutation does NOT affect plasmid function.

Plasmid Name: GFP-UtrCH

Relevant Mutation: Calponin homology domain of utrophin (aa# 1-261). See depositor comments below

Record Creation Time: 20220422T222120+0000

Record Last Update: 20230915T081008+0000

Ratings and Alerts

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

No alerts have been found for GFP-UtrCH.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Rivera Alvarez J, et al. (2023) The kinesin Kif21b regulates radial migration of cortical projection neurons through a non-canonical function on actin cytoskeleton. Cell reports, 42(7), 112744.

Wennagel D, et al. (2022) Huntingtin coordinates dendritic spine morphology and function through cofilin-mediated control of the actin cytoskeleton. Cell reports, 40(9), 111261.

Willoughby PM, et al. (2022) Correction: The recycling endosome protein Rab25 coordinates collective cell movements in the zebrafish surface epithelium. eLife, 11.

Willoughby PM, et al. (2021) The recycling endosome protein Rab25 coordinates collective cell movements in the zebrafish surface epithelium. eLife, 10.

Ganguly A, et al. (2021) Clathrin packets move in slow axonal transport and deliver functional payloads to synapses. Neuron, 109(18), 2884.

Lee Y, et al. (2019) Entosis Controls a Developmental Cell Clearance in C. elegans. Cell reports, 26(12), 3212.

Brosig A, et al. (2019) The Axonal Membrane Protein PRG2 Inhibits PTEN and Directs Growth to Branches. Cell reports, 29(7), 2028.

Tikiyani V, et al. (2018) Wnt Secretion Is Regulated by the Tetraspan Protein HIC-1 through Its Interaction with Neurabin/NAB-1. Cell reports, 25(7), 1856.