Resource Summary Report

Generated by RRID on Aug 19, 2026

GalT-RpHLuorin2

RRID:Addgene_171719
Type: Plasmid

Proper Citation

RRID:Addgene_171719

Plasmid Information

URL: http://www.addgene.org/171719

Proper Citation: RRID:Addgene_171719

Insert Name: Ratiometric pHLuorin2 fused to B4GALT1

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: PMID:35000377

Vector Backbone Description: Backbone Marker:Clontech; Backbone Size:4730; Vector Backbone:pRpHluorin-N1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: Ratiometric pHLuorin2 sequence synthesized by Genscript, original sequence from https://www.scirp.org/journal/paperinformation.aspx?paperid=5043

Plasmid Name: GalT-RpHLuorin2

Record Creation Time: 20220422T221957+0000

Record Last Update: 20260815T081019+0000

Ratings and Alerts

No rating or validation information has been found for GalT-RpHLuorin2.

No alerts have been found for GalT-RpHLuorin2.

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 X, et al. (2025) Control of Golgi- V-ATPase through Sac1-dependent co-regulation of PI(4)P and cholesterol. Nature communications, 16(1), 7808.

Kopp J, et al. (2024) Golgi pH elevation due to loss of V-ATPase subunit V0a2 function correlates with tissue-specific glycosylation changes and globozoospermia. Cellular and molecular life sciences : CMLS, 82(1), 4.