

Resource Summary Report

Generated by [RRID](#) on Aug 23, 2026

mCherry-FKBP-INPP4BC842A

RRID:Addgene_116865

Type: Plasmid

Proper Citation

RRID:Addgene_116865

Plasmid Information

URL: <http://www.addgene.org/116865>

Proper Citation: RRID:Addgene_116865

Insert Name: INPP4B

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:30591513](#)

Vector Backbone Description: Vector Backbone:pmCherry-C1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: Please visit <https://www.biorxiv.org/content/early/2018/09/06/410811> for bioRxiv preprint.

Plasmid Name: mCherry-FKBP-INPP4BC842A

Relevant Mutation: catalytic cysteine 842 changed to alanine

Record Creation Time: 20220422T221612+0000

Record Last Update: 20260815T080248+0000

Ratings and Alerts

No rating or validation information has been found for mCherry-FKBP-INPP4BC842A.

No alerts have been found for mCherry-FKBP-INPP4BC842A.

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](#) .

Omari-Manaa S, et al. (2026) Distinct phosphoinositide signatures orchestrate Fc γ RI versus MRGPRX2 mast cell secretion. *iScience*, 29(4), 115457.

Zhan H, et al. (2020) An Excitable Ras/PI3K/ERK Signaling Network Controls Migration and Oncogenic Transformation in Epithelial Cells. *Developmental cell*, 54(5), 608.