

Resource Summary Report

Generated by [PRECISE-TBI](#) on Sep 2, 2026

mRFP-Lact-C2

RRID:Addgene_74061

Type: Plasmid

Proper Citation

RRID:Addgene_74061

Plasmid Information

URL: <http://www.addgene.org/74061>

Proper Citation: RRID:Addgene_74061

Insert Name: Lactadherin-C2

Organism: Bos taurus

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:18187657](#)

Vector Backbone Description: Backbone Size:4646; Vector Backbone:mRFP-C1;
Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Plasmid Name: mRFP-Lact-C2

Record Creation Time: 20220422T222452+0000

Record Last Update: 20260902T050122+0000

Ratings and Alerts

No rating or validation information has been found for mRFP-Lact-C2.

No alerts have been found for mRFP-Lact-C2.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 12 mentions in open access literature.

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

Lhamo S, et al. (2026) Cadherin regulation of endoplasmic reticulum-plasma membrane contact sites. *Cell reports*, 45(7), 117608.

Lin WY, et al. (2025) Multiple cAMP/PKA complexes at the STIM1 ER/PM junction specified by E-Syt1 and E-Syt2 reciprocally gates ANO1 (TMEM16A) via Ca²⁺. *Nature communications*, 16(1), 3378.

Sasaki M, et al. (2025) Membrane potential modulates ERK activity and cell proliferation in human cells. *eLife*, 13.

Singh P, et al. (2024) SARS-CoV-2 spike fusion peptide trans interaction with phosphatidylserine lipid triggers membrane fusion for viral entry. *mBio*, 15(9), e0107724.

Li YE, et al. (2024) Phosphatidylserine regulates plasma membrane repair through tetraspanin-enriched macrodomains. *The Journal of cell biology*, 223(6).

Tavasoli M, et al. (2024) Defects in integrin complex formation promote CHKB-mediated muscular dystrophy. *Life science alliance*, 7(8).

Cabukusta B, et al. (2024) The ORP9-ORP11 dimer promotes sphingomyelin synthesis. *eLife*, 12.

Criado Santos N, et al. (2023) Sec22b regulates phagosome maturation by promoting ORP8-mediated lipid exchange at endoplasmic reticulum-phagosome contact sites. *Communications biology*, 6(1), 1008.

Durgan J, et al. (2021) Non-canonical autophagy drives alternative ATG8 conjugation to phosphatidylserine. *Molecular cell*, 81(9), 2031.

Peterman E, et al. (2019) The post-abscission midbody is an intracellular signaling organelle that regulates cell proliferation. *Nature communications*, 10(1), 3181.

Fuentes NR, et al. (2018) Long-Chain n-3 Fatty Acids Attenuate Oncogenic KRas-Driven Proliferation by Altering Plasma Membrane Nanoscale Proteolipid Composition. *Cancer research*, 78(14), 3899.

Bobone S, et al. (2017) Phosphatidylserine Lateral Organization Influences the Interaction of Influenza Virus Matrix Protein 1 with Lipid Membranes. *Journal of virology*, 91(12).