

Resource Summary Report

Generated by [RRID](#) on Aug 20, 2026

[pFCcGi](#)

RRID:Addgene_59324

Type: Plasmid

Proper Citation

RRID:Addgene_59324

Plasmid Information

URL: <http://www.addgene.org/59324>

Proper Citation: RRID:Addgene_59324

Insert Name: mCherry

Organism: Other

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:23592259](#)

Vector Backbone Description: Backbone Marker:Addgene Plasmid #20668; Backbone Size:4764; Vector Backbone:pFPV25.1; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Comments: Please note that a ~2.4kb band may appear in restriction digest experiments which represents single-stranded DNA (ssDNA).

Plasmid Name: pFCcGi

Record Creation Time: 20220422T222342+0000

Record Last Update: 20260815T081722+0000

Ratings and Alerts

No rating or validation information has been found for pFCcGi.

No alerts have been found for pFCcGi.

Data and Source Information

Usage and Citation Metrics

We found 15 mentions in open access literature.

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

Diaz-Del-Olmo I, et al. (2026) Salmonella effector SteE reprograms the macrophage regulatory network to drive specific hyperactivation of STAT3 target genes. *Molecular cell*, 86(10), 1979.

Vazquez-Lopez J, et al. (2026) An hcp3-vgrG3 intergenic region participates in EHEC T6SS expression in addition to the bidirectional promoter and H-NS. *Microbiology spectrum*, 14(5), e0354825.

Eismayr KD, et al. (2025) Macrophages orchestrate elimination of Shigella from the intestinal epithelial cell niche via TLR-induced IL-12 and IFN-?. *Cell host & microbe*, 33(9), 1535.

Cruz-Cruz AD, et al. (2025) B Cells as a Host of Persistent Salmonella Typhimurium. *Immunology*, 175(3), 292.

Fu CH, et al. (2025) Intracellular Salmonella hijacks the mitochondrial citrate carrier to evade host oxidative defenses. *Nature communications*, 16(1), 9806.

Pospíšilová M, et al. (2025) Bimodal expression of Type 3 Secretion System 2 enables cooperative virulence among intracellular Salmonella Typhimurium. *PLoS pathogens*, 21(12), e1013728.

Fuentes I, et al. (2025) Hypervesiculation Meets Sec-Targeting: Enhancing Heterologous Protein Loading in Salmonella Typhi Outer Membrane Vesicles for Delivery and Immune Response. *International journal of molecular sciences*, 26(9).

Heffernan JR, et al. (2024) Yersiniabactin is a quorum-sensing autoinducer and siderophore in uropathogenic Escherichia coli. *mBio*, 15(2), e0027723.

Hawwari I, et al. (2024) Platelet transcription factors license the pro-inflammatory cytokine response of human monocytes. *EMBO molecular medicine*, 16(8), 1901.

Schade R, et al. (2024) Transcriptional profiling links unique human macrophage phenotypes to the growth of intracellular Salmonella enterica serovar Typhi. *Scientific reports*, 14(1), 12811.

Hamblin M, et al. (2023) Salmonella enterica serovar Typhi uses two type 3 secretion systems to replicate in human macrophages and colonize humanized mice. *mBio*, 14(4), e0113723.

Walch P, et al. (2021) Global mapping of Salmonella enterica-host protein-protein interactions during infection. *Cell host & microbe*, 29(8), 1316.

Petersen E, et al. (2019) Cyclic-di-GMP regulation promotes survival of a slow-replicating subpopulation of intracellular *Salmonella* Typhimurium. *Proceedings of the National Academy of Sciences of the United States of America*, 116(13), 6335.

Marcoleta AE, et al. (2018) Evaluating Different Virulence Traits of *Klebsiella pneumoniae* Using *Dictyostelium discoideum* and Zebrafish Larvae as Host Models. *Frontiers in cellular and infection microbiology*, 8, 30.

Riquelme S, et al. (2016) Relevant Genes Linked to Virulence Are Required for *Salmonella* Typhimurium to Survive Intracellularly in the Social Amoeba *Dictyostelium discoideum*. *Frontiers in microbiology*, 7, 1305.