Resource Summary Report

Generated by dkNET on Sep 4, 2026

pFPV-mCherry

RRID:Addgene_20956
Type: Plasmid

Proper Citation

RRID:Addgene_20956

Plasmid Information

URL: http://www.addgene.org/20956

Proper Citation: RRID:Addgene_20956

Insert Name: mCherry

Organism: Discosoma

Bacterial Resistance: Ampicillin

Defining Citation: PMID:18785994

Vector Backbone Description: Backbone Size:4000; Vector Backbone:pFPV; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Comments: Shaner et al., (2004) Nature Biotechnology 22,1567-1572

Plasmid Name: pFPV-mCherry

Record Creation Time: 20220422T222053+0000

Record Last Update: 20260902T043843+0000

Ratings and Alerts

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

No alerts have been found for pFPV-mCherry.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 28 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET .

Chan FHM, et al. (2025) Plasticity of cell death pathways ensures GSDMD activation during Yersinia pseudotuberculosis infection. Cell reports, 44(1), 115216.

Gomes MC, et al. (2025) Shigella-trained pro-inflammatory macrophages protect zebrafish from secondary infection. Cell reports, 44(5), 115601.

Geiser P, et al. (2025) Determinants of divergent Salmonella and Shigella epithelial colonization strategies resolved in human enteroids and colonoids. mBio, 16(7), e0091125.

Yalom LK, et al. (2025) Spatially separated epithelium-associated and lamina propria neutrophils present distinct functional identities in the inflamed colon mucosa. Mucosal immunology, 18(3), 685.

Eislmayr 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.

Safwan SM, et al. (2024) Xanthone Derivatives Enhance the Therapeutic Potential of Neomycin against Polymicrobial Gram-Negative Bacterial Infections. ACS infectious diseases, 10(2), 527.

Arora A, et al. (2024) Cholic Acid-Derived Gemini Amphiphile Can Eradicate Interkingdom Polymicrobial Biofilms and Wound Infections. ACS infectious diseases, 10(1), 138.

Turner M, et al. (2023) The gut microbiota induces melanin deposits that act as substrates for fimA-mediated aggregation of Salmonella Typhimurium and enhance infection of the German cockroach vector. Microbiology spectrum, 11(5), e0211923.

Pearl Mizrahi S, et al. (2023) Community interactions drive the evolution of antibiotic tolerance in bacteria. Proceedings of the National Academy of Sciences of the United States of America, 120(3), e2209043119.

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.

Kumar P, et al. (2022) Bidirectional regulation between AP-1 and SUMOylation pathway genes modulates inflammatory signaling during Salmonella infection. Journal of cell science, 135(16).

Ek V, et al. (2022) A motile doublet form of Salmonella Typhimurium diversifies target search behavior at the epithelial surface. Molecular microbiology, 117(5), 1156.

Lisowski C, et al. (2022) Dysregulated endolysosomal trafficking in cells arrested in the G1 phase of the host cell cycle impairs Salmonella vacuolar replication. Autophagy, 18(8),

1785.

O'Connor NJ, et al. (2021) Engineering Transcriptional Interference through RNA Polymerase Processivity Control. ACS synthetic biology, 10(4), 737.

van Rijn JM, et al. (2021) High-Definition DIC Imaging Uncovers Transient Stages of Pathogen Infection Cycles on the Surface of Human Adult Stem Cell-Derived Intestinal Epithelium. mBio, 13(1), e0002222.

Geiser P, et al. (2021) Salmonella enterica Serovar Typhimurium Exploits Cycling through Epithelial Cells To Colonize Human and Murine Enteroids. mBio, 12(1).

Eller KA, et al. (2021) Facile accelerated specific therapeutic (FAST) platform develops antisense therapies to counter multidrug-resistant bacteria. Communications biology, 4(1), 331.

Sharkey CR, et al. (2020) The spectral sensitivity of Drosophila photoreceptors. Scientific reports, 10(1), 18242.

Mohapatra G, et al. (2019) A SUMOylation-dependent switch of RAB7 governs intracellular life and pathogenesis of Salmonella Typhimurium. Journal of cell science, 132(1).

Desai SK, et al. (2019) Salmonella biofilms program innate immunity for persistence in Caenorhabditis elegans. Proceedings of the National Academy of Sciences of the United States of America, 116(25), 12462.