Resource Summary Report

Generated by kravitz2 on Aug 27, 2026

Emerald-C1

RRID:Addgene_54734
Type: Plasmid

Proper Citation

RRID:Addgene_54734

Plasmid Information

URL: http://www.addgene.org/54734

Proper Citation: RRID:Addgene_54734

Bacterial Resistance: Kanamycin

Vector Backbone Description: Backbone Size:4750; Vector Backbone:Emerald-C1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: wtGFP + F64L; S65T; S72A; N149K; M153T; I167T. Excitation = 487; Emission = 509

Plasmid Name: Emerald-C1

Record Creation Time: 20220422T222320+0000

Record Last Update: 20260815T081642+0000

Ratings and Alerts

No rating or validation information has been found for Emerald-C1.

No alerts have been found for Emerald-C1.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 7 mentions in open access literature.

Listed below are recent publications. The full list is available at kravitz2 .

Yap CC, et al. (2026) Late Endosome Transport by RILP-RAB7A Promotes Dendrite Arborization Independently of Degradation. The Journal of neuroscience : the official journal of the Society for Neuroscience, 46(26).

Yap CC, et al. (2025) Late endosome transport by RILP-RAB7A promotes dendrite arborization. bioRxiv : the preprint server for biology.

Mulligan RJ, et al. (2024) Collapse of late endosomal pH elicits a rapid Rab7 response via the V-ATPase and RILP. Journal of cell science, 137(9).

Chua MD, et al. (2023) Ube2N is present and functions within listeria Actin-rich structures and lamellipodia: A localization and pharmacological inhibition study. Anatomical record (Hoboken, N.J. : 2007), 306(5), 1140.

Mulligan RJ, et al. (2023) Collapse of late endosomal pH elicits a rapid Rab7 response via V-ATPase and RILP. bioRxiv : the preprint server for biology.

Liu Y, et al. (2023) In-Cell Chemical Crosslinking Identifies Hotspots for SQSTM-1/p62-I?B ? Interaction That Underscore a Critical Role of p62 in Limiting NF-?B Activation Through I ?B? Stabilization. Molecular & cellular proteomics : MCP, 22(2), 100495.

Pavel M, et al. (2021) ?-Catenin levels determine direction of YAP/TAZ response to autophagy perturbation. Nature communications, 12(1), 1703.