

# Resource Summary Report

Generated by [dkNET](#) on Aug 16, 2026

## Emerald-C1

RRID:Addgene\_54734

Type: Plasmid

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### Proper Citation

RRID:Addgene\_54734

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### 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

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### Ratings and Alerts

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

No alerts have been found for Emerald-C1.

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### Data and Source Information

**Source:** [Addgene](#)

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### Usage and Citation Metrics

We found 7 mentions in open access literature.

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

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 $\beta$ B ? Interaction That Underscore a Critical Role of p62 in Limiting NF- $\kappa$ B Activation Through I $\beta$ B? Stabilization. *Molecular & cellular proteomics : MCP*, 22(2), 100495.

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