

# Resource Summary Report

Generated by [SPARC SAWG](#) on Sep 6, 2026

## pEB1-mCerulean3

RRID:Addgene\_103973

Type: Plasmid

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### Proper Citation

RRID:Addgene\_103973

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### Plasmid Information

**URL:** <http://www.addgene.org/103973>

**Proper Citation:** RRID:Addgene\_103973

**Insert Name:** mCerulean3

**Organism:** Synthetic

**Bacterial Resistance:** Kanamycin

**Defining Citation:** [PMID:29320486](#)

**Vector Backbone Description:** Backbone Size:3674; Vector Backbone:pEB1; Vector Types:Bacterial Expression, Low copy; Bacterial Resistance:Kanamycin

**Comments:** This FP derives from wtGFP. In this plasmid, the FP is coded with the original wtGFP nucleotide coding sequence except where mutations specific to the FP occur (see map). Please see "Notes On Plasmids In This Collection" document for further details and references.

**Plasmid Name:** pEB1-mCerulean3

**Relevant Mutation:** Mutations relative to wild-type GFP (F64L, Y66W, S72A, Y145A, N146I, S147H, H148G, M153T, V163A, K166G, I167L, R168N, H169C, A206K)

**Record Creation Time:** 20220422T221504+0000

**Record Last Update:** 20260905T074314+0000

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### Ratings and Alerts

No rating or validation information has been found for pEB1-mCerulean3.

No alerts have been found for pEB1-mCerulean3.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Abell-King C, et al. (2024) Multispecies bacterial invasion of human host cells. Pathogens and disease, 82.

Balleza E, et al. (2018) Systematic characterization of maturation time of fluorescent proteins in living cells. Nature methods, 15(1), 47.