

Resource Summary Report

Generated by [RRID](#) on Aug 22, 2026

pFX-mCherry-EEA1

RRID:Addgene_174452

Type: Plasmid

Proper Citation

RRID:Addgene_174452

Plasmid Information

URL: <http://www.addgene.org/174452>

Proper Citation: RRID:Addgene_174452

Insert Name: mCherry with early endosome-targeting sequence

Organism: Other

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:31735740](#)

Vector Backbone Description: Backbone Size:4000; Vector Backbone:pFX; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Plasmid Name: pFX-mCherry-EEA1

Record Creation Time: 20220422T222008+0000

Record Last Update: 20260815T081040+0000

Ratings and Alerts

No rating or validation information has been found for pFX-mCherry-EEA1.

No alerts have been found for pFX-mCherry-EEA1.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

van der Beek J, et al. (2024) Loss of the HOPS complex disrupts early-to-late endosome transition, impairs endosomal recycling and induces accumulation of amphisomes. *Molecular biology of the cell*, 35(3), ar40.

Palma FR, et al. (2024) Histone H3.1 is a chromatin-embedded redox sensor triggered by tumor cells developing adaptive phenotypic plasticity and multidrug resistance. *Cell reports*, 43(3), 113897.

Ward NP, et al. (2024) Mitochondrial respiratory function is preserved under cysteine starvation via glutathione catabolism in NSCLC. *Nature communications*, 15(1), 4244.

Zhang C, et al. (2024) Glis2 is an early effector of polycystin signaling and a target for therapy in polycystic kidney disease. *Nature communications*, 15(1), 3698.