

Resource Summary Report

Generated by [nidm-terms](#) on Aug 11, 2026

pEYFP-Mitotrap

RRID:Addgene_46942

Type: Plasmid

Proper Citation

RRID:Addgene_46942

Plasmid Information

URL: <http://www.addgene.org/46942>

Proper Citation: RRID:Addgene_46942

Insert Name: Mitotrap

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:20159602](#)

Vector Backbone Description: Backbone Marker:Clontech; Vector Backbone:pEYFP;
Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Plasmid Name: pEYFP-Mitotrap

Record Creation Time: 20220422T222242+0000

Record Last Update: 20260808T081727+0000

Ratings and Alerts

No rating or validation information has been found for pEYFP-Mitotrap.

No alerts have been found for pEYFP-Mitotrap.

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 [nidm-terms](#) .

Bonet-Ponce L, et al. (2025) JIP4 and RILPL1 utilize opposing motor force to dynamically regulate lysosomal tubulation. The Journal of cell biology, 224(11).

Bonet-Ponce L, et al. (2024) Opposing actions of JIP4 and RILPL1 provide antagonistic motor force to dynamically regulate membrane reformation during lysosomal tubulation/sorting driven by LRRK2. bioRxiv : the preprint server for biology.

Larocque G, et al. (2020) Tumor protein D54 defines a new class of intracellular transport vesicles. The Journal of cell biology, 219(1).

Ye AA, et al. (2018) NOD is a plus end-directed motor that binds EB1 via a new microtubule tip localization sequence. The Journal of cell biology, 217(9), 3007.