

Resource Summary Report

Generated by [dkNET](#) on Sep 19, 2026

pemiRFP670-N1

RRID:Addgene_136556

Type: Plasmid

Proper Citation

RRID:Addgene_136556

Plasmid Information

URL: <http://www.addgene.org/136556>

Proper Citation: RRID:Addgene_136556

Insert Name: emiRFP670

Organism: Synthetic

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:31932632](#)

Vector Backbone Description: Backbone Marker:Clontech; Vector Backbone:pN1;
Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Plasmid Name: pemiRFP670-N1

Record Creation Time: 20220422T221753+0000

Record Last Update: 20260919T090938+0000

Ratings and Alerts

No rating or validation information has been found for pemiRFP670-N1.

No alerts have been found for pemiRFP670-N1.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Iu E, et al. (2026) A TRPV4-dependent calcium signaling axis regulates lamellipodial actin architecture to promote cell migration. *Current biology : CB*, 36(4), 995.

El Hajji L, et al. (2025) A tunable and versatile chemogenetic near-infrared fluorescent reporter. *Nature communications*, 16(1), 2594.

Pemberton JG, et al. (2025) Acute diacylglycerol production activates critical membrane-shaping proteins leading to mitochondrial tubulation and fission. *Nature communications*, 16(1), 2685.

El Hajji L, et al. (2024) Multiplexed In Vivo Imaging with Fluorescence Lifetime-Modulating Tags. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 11(32), e2404354.

Tjiang N, et al. (2022) A mitochondria cluster at the proximal axon initial segment controls axodendritic TAU trafficking in rodent primary and human iPSC-derived neurons. *Cellular and molecular life sciences : CMLS*, 79(2), 120.