

Resource Summary Report

Generated by [RRID](#) on Aug 21, 2026

R-pre-GFP

RRID:Addgene_17274

Type: Plasmid

Proper Citation

RRID:Addgene_17274

Plasmid Information

URL: <http://www.addgene.org/17274>

Proper Citation: RRID:Addgene_17274

Insert Name: R-pre

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:16857939](#)

Vector Backbone Description: Backbone Marker:Clontech; Backbone Size:4700; Vector Backbone:pEGFP-C1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: R-pre amino acid sequence: ARDGRRRRRRRARARCVIM.

Plasmid Name: R-pre-GFP

Record Creation Time: 20220422T222002+0000

Record Last Update: 20260815T081027+0000

Ratings and Alerts

No rating or validation information has been found for R-pre-GFP.

No alerts have been found for R-pre-GFP.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Le T, et al. (2026) Lipid scrambling via TMEM16F mediates the formation and release of extracellular vesicles. *Molecular biology of the cell*, 37(3), ar22.

Junqueira Alves C, et al. (2025) Invasion of glioma cells through confined space requires membrane tension regulation and mechano-electrical coupling via Plexin-B2. *Nature communications*, 16(1), 272.

Low J, et al. (2025) Heat-induced phosphatidylserine changes drive HSPA1A's plasma membrane localization. *Cell stress & chaperones*, 30(5), 100092.

Banerjee T, et al. (2022) Spatiotemporal dynamics of membrane surface charge regulates cell polarity and migration. *Nature cell biology*, 24(10), 1499.

Smulders L, et al. (2022) Phosphatidylinositol Monophosphates Regulate the Membrane Localization of HSPA1A, a Stress-Inducible 70-kDa Heat Shock Protein. *Biomolecules*, 12(6).

Hobson CM, et al. (2020) Correlating nuclear morphology and external force with combined atomic force microscopy and light sheet imaging separates roles of chromatin and lamin A/C in nuclear mechanics. *Molecular biology of the cell*, 31(16), 1788.

Bilog AD, et al. (2019) Membrane Localization of HspA1A, a Stress Inducible 70-kDa Heat-Shock Protein, Depends on Its Interaction with Intracellular Phosphatidylserine. *Biomolecules*, 9(4).

Dong W, et al. (2015) A conserved polybasic domain mediates plasma membrane targeting of Lgl and its regulation by hypoxia. *The Journal of cell biology*, 211(2), 273.

Dondelinger Y, et al. (2014) MLKL compromises plasma membrane integrity by binding to phosphatidylinositol phosphates. *Cell reports*, 7(4), 971.