Resource Summary Report

Generated by RRID on Aug 31, 2026

pEGFP-Rubicon

RRID:Addgene_21636
Type: Plasmid

Proper Citation

RRID:Addgene_21636

Plasmid Information

URL: http://www.addgene.org/21636

Proper Citation: RRID:Addgene_21636

Insert Name: Rubicon

Organism: Mus musculus

Bacterial Resistance: Kanamycin

Defining Citation: PMID:19270696

Vector Backbone Description: Backbone Size:4727; Vector Backbone:pEGFP-C2 (Clontech); Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: *Note: Compared to the Entrez Genbank reference sequence, Addgene's quality control sequencing finds an L617P amino acid residue substitution. The affect of this residue change is unknown.

Plasmid Name: pEGFP-Rubicon

Relevant Mutation: *(see below)

Record Creation Time: 20220422T222056+0000

Record Last Update: 20260829T080204+0000

Ratings and Alerts

No rating or validation information has been found for pEGFP-Rubicon.

No alerts have been found for pEGFP-Rubicon.

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 .

Boada-Romero E, et al. (2025) Membrane receptors cluster phosphatidylserine to activate LC3-associated phagocytosis. Nature cell biology, 27(10), 1676.

Yamada K, et al. (2025) Rubicon, a Key Molecule for Oxidative Stress-Mediated DNA Damage, in Ovarian Granulosa Cells. Antioxidants (Basel, Switzerland), 14(4).

S??nder SL, et al. (2021) Restructuring of the plasma membrane upon damage by LC3-associated macropinocytosis. Science advances, 7(27).

Zhang X, et al. (2019) GORASP2/GRASP55 collaborates with the PtdIns3K UVRAG complex to facilitate autophagosome-lysosome fusion. Autophagy, 15(10), 1787.