

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

mEGFP

RRID:Addgene_18696

Type: Plasmid

Proper Citation

RRID:Addgene_18696

Plasmid Information

URL: <http://www.addgene.org/18696>

Proper Citation: RRID:Addgene_18696

Insert Name: monomeric EGFP

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:18556515](#)

Vector Backbone Description: Backbone Size:4700; Vector Backbone:pRK5; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: mEGFP

Relevant Mutation: A206K mutation

Record Creation Time: 20220422T222042+0000

Record Last Update: 20260725T074402+0000

Ratings and Alerts

No rating or validation information has been found for mEGFP.

No alerts have been found for mEGFP.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 16 mentions in open access literature.

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

Hiepen C, et al. (2025) Endothelial tip-cell position, filopodia formation and biomechanics require BMPR2 expression and signaling. *Communications biology*, 8(1), 21.

Zhang Y, et al. (2025) Probing condensate microenvironments with a micropeptide killswitch. *Nature*, 643(8073), 1107.

Mensah MA, et al. (2023) Aberrant phase separation and nucleolar dysfunction in rare genetic diseases. *Nature*, 614(7948), 564.

Basu S, et al. (2023) Rational optimization of a transcription factor activation domain inhibitor. *Nature structural & molecular biology*, 30(12), 1958.

Dady A, et al. (2022) Human spinal cord in vitro differentiation pace is initially maintained in heterologous embryonic environments. *eLife*, 11.

Zhang L, et al. (2022) 53BP1 regulates heterochromatin through liquid phase separation. *Nature communications*, 13(1), 360.

Zhang Z, et al. (2021) Optogenetic manipulation of cellular communication using engineered myosin motors. *Nature cell biology*, 23(2), 198.

Nabais C, et al. (2021) Plk4 triggers autonomous de novo centriole biogenesis and maturation. *The Journal of cell biology*, 220(5).

Deshimaru M, et al. (2021) DCTN1 Binds to TDP-43 and Regulates TDP-43 Aggregation. *International journal of molecular sciences*, 22(8).

Mendonca A, et al. (2021) Identifying distinct heterochromatin regions using combinatorial epigenetic probes in live cells. *Biochimica et biophysica acta. Gene regulatory mechanisms*, 1864(8), 194725.

Kilic S, et al. (2019) Phase separation of 53BP1 determines liquid-like behavior of DNA repair compartments. *The EMBO journal*, 38(16), e101379.

Sanchez OF, et al. (2017) Engineering Recombinant Protein Sensors for Quantifying Histone Acetylation. *ACS sensors*, 2(3), 426.

Fausther M, et al. (2015) Establishment and characterization of rat portal myofibroblast cell lines. *PloS one*, 10(3), e0121161.

Sanders TA, et al. (2013) Specialized filopodia direct long-range transport of SHH during vertebrate tissue patterning. *Nature*, 497(7451), 628.

Choi HJ, et al. (2013) ECM-dependent HIF induction directs trophoblast stem cell fate via LIMK1-mediated cytoskeletal rearrangement. *PloS one*, 8(2), e56949.

Ameri K, et al. (2013) Nuclear localization of the mitochondrial factor HIGD1A during metabolic stress. *PloS one*, 8(4), e62758.