

Resource Summary Report

Generated by [kravitz2](#) on Jul 29, 2026

GFP-RelA

RRID:Addgene_23255

Type: Plasmid

Proper Citation

RRID:Addgene_23255

Plasmid Information

URL: <http://www.addgene.org/23255>

Proper Citation: RRID:Addgene_23255

Insert Name: p65

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:11533489](#)

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

Plasmid Name: GFP-RelA

Record Creation Time: 20220422T222103+0000

Record Last Update: 20260725T074439+0000

Ratings and Alerts

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

No alerts have been found for GFP-RelA.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 30 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Kofler M, et al. (2025) M-Motif, a potential non-conventional NLS in YAP/TAZ and other cellular and viral proteins that inhibits classic protein import. *iScience*, 28(4), 112105.

Zaher DM, et al. (2025) Identifying the Impact of RelA Overexpression in Triple-Negative Breast Cancer Cells Using Mass Spectroscopy-based Proteomics and Metabolomics Analysis. *Chemistry & biodiversity*, e00717.

Chaouat A, et al. (2024) Inhibition of $\alpha_4\beta_1$ Integrin Activity by Small Tellurium Compounds Regulates PD-L1 Expression and Enhances Antitumor Effects. *International journal of biological sciences*, 20(11), 4407.

Suda N, et al. (2024) β -cell Jagged1 is sufficient but not necessary for islet Notch activity and insulin secretory defects in obese mice. *Molecular metabolism*, 81, 101894.

Ma Q, et al. (2023) USP48/USP31 Is a Nuclear Deubiquitinase that Potently Regulates Synapse Remodeling. *bioRxiv : the preprint server for biology*.

Salsinha AS, et al. (2023) Potential of omega-3 and conjugated fatty acids to control microglia inflammatory imbalance elicited by obesogenic nutrients. *Biochimica et biophysica acta. Molecular and cell biology of lipids*, 1868(7), 159331.

Jeremiah N, et al. (2023) RELA tunes innate-like interferon I/III responses in human T cells. *The Journal of experimental medicine*, 220(5).

Alexanian M, et al. (2023) Chromatin Remodeling Drives Immune-Fibroblast Crosstalk in Heart Failure Pathogenesis. *bioRxiv : the preprint server for biology*.

Garg R, et al. (2023) B-type Plexins promote the GTPase activity of Ran to affect androgen receptor nuclear translocation in prostate cancer. *Cancer gene therapy*, 30(11), 1513.

Abdin SM, et al. (2021) Nuclear factor- κ B signaling inhibitors revert multidrug-resistance in breast cancer cells. *Chemico-biological interactions*, 340, 109450.

Yu H, et al. (2021) Endolysosomal ion channel MCOLN2 (Mucolipin-2) promotes prostate cancer progression via IL-1 β /NF- κ B pathway. *British journal of cancer*, 125(10), 1420.

Liang WC, et al. (2020) Signaling mechanisms of growth hormone-releasing hormone receptor in LPS-induced acute ocular inflammation. *Proceedings of the National Academy of Sciences of the United States of America*, 117(11), 6067.

Caon I, et al. (2020) Sirtuin 1 reduces hyaluronan synthase 2 expression by inhibiting nuclear translocation of NF- κ B and expression of the long-noncoding RNA HAS2-AS1. *The Journal of biological chemistry*, 295(11), 3485.

Socodato R, et al. (2020) Microglia Dysfunction Caused by the Loss of Rhoa Disrupts Neuronal Physiology and Leads to Neurodegeneration. *Cell reports*, 31(12), 107796.

Baeriswyl DC, et al. (2019) Disturbed flow induces a sustained, stochastic NF- κ B activation which may support intracranial aneurysm growth in vivo. *Scientific reports*, 9(1), 4738.

Sobuz SU, et al. (2019) SIRT7 regulates the nuclear export of NF- κ B p65 by deacetylating Ran. *Biochimica et biophysica acta. Molecular cell research*, 1866(9), 1355.

Wang B, et al. (2018) A dual role of miR-22 modulated by RelA/p65 in resensitizing fulvestrant-resistant breast cancer cells to fulvestrant by targeting FOXP1 and HDAC4 and constitutive acetylation of p53 at Lys382. *Oncogenesis*, 7(7), 54.

Field JT, et al. (2018) Misoprostol regulates Bnip3 repression and alternative splicing to control cellular calcium homeostasis during hypoxic stress. *Cell death discovery*, 4, 37.

Kim GC, et al. (2018) Upregulation of Ets1 expression by NFATc2 and NFKB1/RELA promotes breast cancer cell invasiveness. *Oncogenesis*, 7(11), 91.

Shivakumar S, et al. (2018) Chloroquine Protects Human Corneal Epithelial Cells from Desiccation Stress Induced Inflammation without Altering the Autophagy Flux. *BioMed research international*, 2018, 7627329.