

Resource Summary Report

Generated by [NIF](#) on Sep 1, 2026

RelA cFlag pcDNA3

RRID:Addgene_20012

Type: Plasmid

Proper Citation

RRID:Addgene_20012

Plasmid Information

URL: <http://www.addgene.org/20012>

Proper Citation: RRID:Addgene_20012

Insert Name: RelA

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:16166378](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:5400; Vector Backbone:cFlag pcDNA3; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: See cFlag pcDNA plasmid for backbone information. 5' insert restriction site flanked by kozak/start site (CCACCATG).

Plasmid Name: RelA cFlag pcDNA3

Record Creation Time: 20220422T222049+0000

Record Last Update: 20260829T080149+0000

Ratings and Alerts

No rating or validation information has been found for RelA cFlag pcDNA3.

No alerts have been found for RelA cFlag pcDNA3.

Data and Source Information

Usage and Citation Metrics

We found 37 mentions in open access literature.

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

Tsuruta A, et al. (2026) The circadian clock component BMAL1 enhances macrophage inflammation by nuclear translocation of peroxisomal α -oxidation enzyme MFP2. Cell reports, 45(6), 117480.

Hurwitz SN, et al. (2024) CCR2 cooperativity promotes hematopoietic stem cell homing to the bone marrow. Science advances, 10(38), eadq1476.

Rasmussen M, et al. (2023) Loss of PARP7 Increases Type I Interferon Signaling in EO771 Breast Cancer Cells and Prevents Mammary Tumor Growth by Increasing Antitumor Immunity. Cancers, 15(14).

Thevkar-Nagesh P, et al. (2022) Transcriptional regulation of Acs11 by CHREBP and NF- κ B in macrophages during hyperglycemia and inflammation. PLoS one, 17(9), e0272986.

Shen Y, et al. (2021) NF- κ B modifies the mammalian circadian clock through interaction with the core clock protein BMAL1. PLoS genetics, 17(11), e1009933.

Yuan G, et al. (2021) Macrophage regulator of G-protein signaling 12 contributes to inflammatory pain hypersensitivity. Annals of translational medicine, 9(6), 448.

Martin EW, et al. (2020) Integrative analysis suggests cell type-specific decoding of NF- κ B dynamics. Science signaling, 13(620).

Gao Y, et al. (2020) Acetylation-dependent regulation of PD-L1 nuclear translocation dictates the efficacy of anti-PD-1 immunotherapy. Nature cell biology, 22(9), 1064.

Wheeler MA, et al. (2019) Environmental Control of Astrocyte Pathogenic Activities in CNS Inflammation. Cell, 176(3), 581.

Martin EW, et al. (2019) Assaying Homodimers of NF- κ B in Live Single Cells. Frontiers in immunology, 10, 2609.

Kunkemoeller B, et al. (2019) Elevated Thrombospondin 2 Contributes to Delayed Wound Healing in Diabetes. Diabetes, 68(10), 2016.

Wang X, et al. (2018) Andalucin from Artemisia lannta suppresses the neuroinflammation via the promotion of Nrf2-mediated HO-1 levels by blocking the p65-p300 interaction in LPS-activated BV2 microglia. Phytomedicine : international journal of phytotherapy and phytopharmacology, 51, 226.

Choi MC, et al. (2018) Alleviation of Murine Osteoarthritis by Cartilage-Specific Deletion of I κ B β . Arthritis & rheumatology (Hoboken, N.J.), 70(9), 1440.

Tarragó MG, et al. (2018) A Potent and Specific CD38 Inhibitor Ameliorates Age-Related Metabolic Dysfunction by Reversing Tissue NAD⁺ Decline. *Cell metabolism*, 27(5), 1081.

Kanemaru H, et al. (2018) BATF2 activates DUSP2 gene expression and up-regulates NF- κ B activity via phospho-STAT3 dephosphorylation. *International immunology*, 30(6), 255.

Johnson ZI, et al. (2017) TNF- α promotes nuclear enrichment of the transcription factor TonEBP/NFAT5 to selectively control inflammatory but not osmoregulatory responses in nucleus pulposus cells. *The Journal of biological chemistry*, 292(42), 17561.

Hossain MS, et al. (2017) Reduction of Ether-Type Glycerophospholipids, Plasmalogens, by NF- κ B Signal Leading to Microglial Activation. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 37(15), 4074.

Kanemaru H, et al. (2017) Antitumor effect of Batf2 through IL-12 p40 up-regulation in tumor-associated macrophages. *Proceedings of the National Academy of Sciences of the United States of America*, 114(35), E7331.

Ibi D, et al. (2017) Antipsychotic-induced Hdac2 transcription via NF- κ B leads to synaptic and cognitive side effects. *Nature neuroscience*, 20(9), 1247.

Ebelt ND, et al. (2017) A c-Jun N-terminal kinase inhibitor, JNK-IN-8, sensitizes triple negative breast cancer cells to lapatinib. *Oncotarget*, 8(62), 104894.