

Resource Summary Report

Generated by [RRID](#) on Aug 24, 2026

pBabe-GFP-IKBalpha-mut (super repressor)

RRID:Addgene_15264

Type: Plasmid

Proper Citation

RRID:Addgene_15264

Plasmid Information

URL: <http://www.addgene.org/15264>

Proper Citation: RRID:Addgene_15264

Insert Name: IKB alpha

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:17574021](#)

Vector Backbone Description: Backbone Size:5100; Vector Backbone:pBabe-GFP; Vector Types:Mammalian Expression, Retroviral; Bacterial Resistance:Ampicillin

Plasmid Name: pBabe-GFP-IKBalpha-mut (super repressor)

Relevant Mutation: Serine 32 to Alanine, Serine 36 to Alanine

Record Creation Time: 20220422T221835+0000

Record Last Update: 20260815T080727+0000

Ratings and Alerts

No rating or validation information has been found for pBabe-GFP-IKBalpha-mut (super repressor).

No alerts have been found for pBabe-GFP-IKBalpha-mut (super repressor).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 14 mentions in open access literature.

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

Uible EE, et al. (2026) Scaffolding-dependent CASP1 constrains excessive cell-intrinsic inflammatory signaling in leukemia. *Cell chemical biology*, 33(1), 59.

Sunilkumar S, et al. (2025) REDD1 expression in podocytes facilitates renal inflammation and pyroptosis in streptozotocin-induced diabetic nephropathy. *Cell death & disease*, 16(1), 79.

Hao M, et al. (2024) In vivo CRISPR knockout screen identifies p47 as a suppressor of HER2+ breast cancer metastasis by regulating NEMO trafficking and autophagy flux. *Cell reports*, 43(2), 113780.

Roh K, et al. (2023) Lysosomal control of senescence and inflammation through cholesterol partitioning. *Nature metabolism*, 5(3), 398.

Gee T, et al. (2020) NF- κ B (Nuclear Factor κ -Light-Chain Enhancer of Activated B Cells) Activity Regulates Cell-Type-Specific and Context-Specific Susceptibility to Calcification in the Aortic Valve. *Arteriosclerosis, thrombosis, and vascular biology*, 40(3), 638.

Ramalingam P, et al. (2020) Chronic activation of endothelial MAPK disrupts hematopoiesis via NF κ B dependent inflammatory stress reversible by SCGF. *Nature communications*, 11(1), 666.

Jeon HY, et al. (2019) Ly6G+ inflammatory cells enable the conversion of cancer cells to cancer stem cells in an irradiated glioblastoma model. *Cell death and differentiation*, 26(10), 2139.

Sha Z, et al. (2018) Rapid induction of p62 and GABARAPL1 upon proteasome inhibition promotes survival before autophagy activation. *The Journal of cell biology*, 217(5), 1757.

Poulos MG, et al. (2016) Endothelial-specific inhibition of NF- κ B enhances functional haematopoiesis. *Nature communications*, 7, 13829.

Benzler J, et al. (2015) Central inhibition of IKK α /NF- κ B signaling attenuates high-fat diet-induced obesity and glucose intolerance. *Diabetes*, 64(6), 2015.

Haria D, et al. (2015) The homeoprotein DLX4 stimulates NF- κ B activation and CD44-mediated tumor-mesothelial cell interactions in ovarian cancer. *The American journal of pathology*, 185(8), 2298.

Lee D, et al. (2015) Muscle Wasting in Fasting Requires Activation of NF- κ B and Inhibition of AKT/Mechanistic Target of Rapamycin (mTOR) by the Protein Acetylase, GCN5. *The Journal of biological chemistry*, 290(51), 30269.

Blonska M, et al. (2013) Activation of the transcription factor c-Maf in T cells is dependent on the CARMA1-IKK α signaling cascade. *Science signaling*, 6(306), ra110.

Lee D, et al. (2013) SIRT1 protein, by blocking the activities of transcription factors FoxO1 and FoxO3, inhibits muscle atrophy and promotes muscle growth. The Journal of biological chemistry, 288(42), 30515.