

Resource Summary Report

Generated by [nidm-terms](#) on Aug 17, 2026

EF.STAT3C.Ubc.GFP

RRID:Addgene_24983

Type: Plasmid

Proper Citation

RRID:Addgene_24983

Plasmid Information

URL: <http://www.addgene.org/24983>

Proper Citation: RRID:Addgene_24983

Insert Name: STAT3

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:19074878](#)

Vector Backbone Description: Backbone Size:11500; Vector Backbone:cFUGW; Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

Comments: A V667L mutation is present but not known to affect function. Expression of EGFP is driven by the human ubiquitin promoter. See Addgene plasmid 14883: FUGW for more information on the empty vector.

Plasmid Name: EF.STAT3C.Ubc.GFP

Relevant Mutation: A662C, N664C (constitutively active)

Record Creation Time: 20220422T222111+0000

Record Last Update: 20260815T081235+0000

Ratings and Alerts

No rating or validation information has been found for EF.STAT3C.Ubc.GFP.

No alerts have been found for EF.STAT3C.Ubc.GFP.

Data and Source Information

Usage and Citation Metrics

We found 50 mentions in open access literature.

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

Yang X, et al. (2026) RBCK1 promotes chemotherapy resistance in bladder carcinoma by targeting HLTF. *Pathology, research and practice*, 286, 156625.

Pineau D, et al. (2026) EDNRB-dependent endothelin signaling reduces proliferation and promotes proneural-to-mesenchymal transition in gliomas. *Molecular oncology*.

Chakraborty AK, et al. (2025) Lysine-specific demethylase 1 controls key OSCC preneoplasia inducer STAT3 through CDK7 phosphorylation during oncogenic progression and immunosuppression. *International journal of oral science*, 17(1), 31.

Cao L, et al. (2025) Identification of c-Met on Tumor Cells as a Novel Receptor for B7-H3 Entails Implications for Cancer Cell Stemness and Targeted Therapy. *MedComm*, 6(9), e70332.

Chen C, et al. (2025) NAT10 Promotes Gastric Cancer Liver Metastasis by Modulation of M2 Macrophage Polarization and Metastatic Tumor Cell Hepatic Adhesion. *Advanced science (Weinheim, Baden-Wuerttemberg, Germany)*, 12(15), e2410263.

Lu Y, et al. (2024) Dynamic phenotypic reprogramming and chemoresistance induced by lung fibroblasts in small cell lung cancer. *Scientific reports*, 14(1), 2884.

Kunhiraman H, et al. (2023) IGFBP2 promotes proliferation and cell migration through STAT3 signaling in Sonic hedgehog medulloblastoma. *Acta neuropathologica communications*, 11(1), 62.

Fisher ML, et al. (2023) Cancer-associated fibroblasts promote cancer stemness by inducing expression of the chromatin-modifying protein CBX4 in squamous cell carcinoma. *Carcinogenesis*, 44(6), 485.

Zhao Q, et al. (2022) Niraparib-induced STAT3 inhibition increases its antitumor effects. *Frontiers in oncology*, 12, 966492.

Ko M, et al. (2022) The endosomal pH regulator NHE9 is a driver of stemness in glioblastoma. *PNAS nexus*, 1(1), pgac013.

Yucel B, et al. (2022) STAT3 mediated regulation of glucose metabolism in leukemia cells. *Gene*, 809, 146012.

Nalairndran G, et al. (2021) Inhibition of Janus Kinase 1 synergizes docetaxel sensitivity in prostate cancer cells. *Journal of cellular and molecular medicine*, 25(17), 8187.

Ma X, et al. (2021) The sesquiterpene lactone eupatolide induces apoptosis in non-small cell lung cancer cells by suppressing STAT3 signaling. *Environmental toxicology and*

pharmacology, 81, 103513.

Fisher ML, et al. (2021) BRD4 Regulates Transcription Factor β 63 to Drive a Cancer Stem Cell Phenotype in Squamous Cell Carcinomas. *Cancer research*, 81(24), 6246.

Wang L, et al. (2021) Suppressing STAT3 activity protects the endothelial barrier from VEGF-mediated vascular permeability. *Disease models & mechanisms*, 14(11).

Wang L, et al. (2020) Suppressing STAT3 activity protects the endothelial barrier from VEGF-mediated vascular permeability. *bioRxiv : the preprint server for biology*.

Mo M, et al. (2020) SHCBP1 regulates STAT3/c-Myc signaling activation to promote tumor progression in penile cancer. *American journal of cancer research*, 10(10), 3138.

Zhang C, et al. (2020) Direct inhibition of the TLR4/MyD88 pathway by geniposide suppresses HIF-1 α -independent VEGF expression and angiogenesis in hepatocellular carcinoma. *British journal of pharmacology*, 177(14), 3240.

Morris EJ, et al. (2020) A Model of Differential Mammary Growth Initiation by Stat3 and Asymmetric Integrin- β 6 Inheritance. *Cell reports*, 30(11), 3605.

Neel DS, et al. (2019) Differential Subcellular Localization Regulates Oncogenic Signaling by ROS1 Kinase Fusion Proteins. *Cancer research*, 79(3), 546.