

Resource Summary Report

Generated by [NIF](#) on Aug 4, 2026

pLX304-FOS-V5

RRID:Addgene_59140

Type: Plasmid

Proper Citation

RRID:Addgene_59140

Plasmid Information

URL: <http://www.addgene.org/59140>

Proper Citation: RRID:Addgene_59140

Insert Name: FOS

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:24954536](#)

Vector Backbone Description: Vector Backbone:pLX304; Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

Plasmid Name: pLX304-FOS-V5

Record Creation Time: 20220422T222341+0000

Record Last Update: 20260801T081533+0000

Ratings and Alerts

No rating or validation information has been found for pLX304-FOS-V5.

No alerts have been found for pLX304-FOS-V5.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Cadefau-Fabregat M, et al. (2025) Mutant CEBPA promotes tolerance to inflammatory stress through deficient AP-1 activation. *Nature communications*, 16(1), 3492.

Gui Y, et al. (2024) c-Fos regulated by TMPO/ERK axis promotes 5-FU resistance via inducing NANOG transcription in colon cancer. *Cell death & disease*, 15(1), 61.

Maili L, et al. (2023) Disruption of fos causes craniofacial anomalies in developing zebrafish. *Frontiers in cell and developmental biology*, 11, 1141893.

Al Moussawi K, et al. (2022) Mutant Ras and inflammation-driven skin tumorigenesis is suppressed via a JNK-iASPP-AP1 axis. *Cell reports*, 41(3), 111503.

Chen TY, et al. (2021) Identification of a distal RXFP1 gene enhancer with differential activity in fibrotic lung fibroblasts involving AP-1. *PloS one*, 16(12), e0254466.

Ding Y, et al. (2020) c-Fos separation from Lamin A/C by GDF15 promotes colon cancer invasion and metastasis in inflammatory microenvironment. *Journal of cellular physiology*, 235(5), 4407.

Chung J, et al. (2019) Coxsackievirus and adenovirus receptor mediates the responses of endothelial cells to fluid shear stress. *Experimental & molecular medicine*, 51(11), 1.

Lee JY, et al. (2018) Fluid shear stress regulates the expression of Lectin-like oxidized low density lipoprotein receptor-1 via KLF2-AP-1 pathway depending on its intensity and pattern in endothelial cells. *Atherosclerosis*, 270, 76.

Bristol JA, et al. (2018) A cancer-associated Epstein-Barr virus BZLF1 promoter variant enhances lytic infection. *PLoS pathogens*, 14(7), e1007179.