

Resource Summary Report

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

WT NFAT1

RRID:Addgene_11100

Type: Plasmid

Proper Citation

RRID:Addgene_11100

Plasmid Information

URL: <http://www.addgene.org/11100>

Proper Citation: RRID:Addgene_11100

Insert Name: NFAT1

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:12355451](#)

Vector Backbone Description: Backbone Marker:Genetics Institute; Backbone Size:0; Vector Backbone:GFP-RV-DV; Vector Types:Mammalian Expression, Retroviral; Bacterial Resistance:Ampicillin

Plasmid Name: WT NFAT1

Record Creation Time: 20220422T221540+0000

Record Last Update: 20260815T080145+0000

Ratings and Alerts

No rating or validation information has been found for WT NFAT1.

No alerts have been found for WT NFAT1.

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 [RRID](#) .

Ma S, et al. (2025) Nutrient-driven histone code determines exhausted CD8+ T cell fates. *Science* (New York, N.Y.), 387(6734), eadj3020.

Jin X, et al. (2020) Testicular Lmcd1 regulates phagocytosis by Sertoli cells through modulation of NFAT1/Txlna signaling pathway. *Aging cell*, 19(10), e13217.

Kim GC, et al. (2018) Upregulation of Ets1 expression by NFATc2 and NFkB1/RELA promotes breast cancer cell invasiveness. *Oncogenesis*, 7(11), 91.

Wang P, et al. (2017) Dual-specificity tyrosine-phosphorylation regulated kinase 1A Gene Transcription is regulated by Myocyte Enhancer Factor 2D. *Scientific reports*, 7(1), 7240.

Rangaswamy US, et al. (2014) Murine gammaherpesvirus M2 protein induction of IRF4 via the NFAT pathway leads to IL-10 expression in B cells. *PLoS pathogens*, 10(1), e1003858.

Phuong TT, et al. (2013) Positive feedback control between STIM1 and NFATc3 is required for C2C12 myoblast differentiation. *Biochemical and biophysical research communications*, 430(2), 722.

Rinne A, et al. (2010) A fluorescence-based assay to monitor transcriptional activity of NFAT in living cells. *The Journal of physiology*, 588(Pt 17), 3211.

Yi T, et al. (2010) Regulation of embryonic kidney branching morphogenesis and glomerular development by KISS1 receptor (Gpr54) through NFAT2- and Sp1-mediated Bmp7 expression. *The Journal of biological chemistry*, 285(23), 17811.

Gajghate S, et al. (2009) Osmolarity and intracellular calcium regulate aquaporin2 expression through TonEBP in nucleus pulposus cells of the intervertebral disc. *Journal of bone and mineral research : the official journal of the American Society for Bone and Mineral Research*, 24(6), 992.