Resource Summary Report

Generated by RRID on Sep 2, 2026

DBDmut-CA-RIT-NFAT1

RRID:Addgene_63669
Type: Plasmid

Proper Citation

RRID:Addgene_63669

Plasmid Information

URL: http://www.addgene.org/63669

Proper Citation: RRID:Addgene_63669

Insert Name: NFAT1

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: PMID:25680272

Vector Backbone Description: Backbone Marker:Anjana Rao lab; Backbone Size:6000; Vector Backbone:pRV; Vector Types:Mammalian Expression, Retroviral; Bacterial Resistance:Ampicillin

Plasmid Name: DBDmut-CA-RIT-NFAT1

Relevant Mutation: CA: PASSGSSASF mutated to PAAAGAAAAF, SPRTSPIMSP mutated to APRTAPIMAP, SPQRSRSPSPQPSP mutated to APQRARSPAPQPAP. RIT:R468A, I469A, T535G; DBD mutations: R423A, Y426A, E429A, G430A

Record Creation Time: 20220422T222404+0000

Record Last Update: 20260902T045907+0000

Ratings and Alerts

No rating or validation information has been found for DBDmut-CA-RIT-NFAT1.

No alerts have been found for DBDmut-CA-RIT-NFAT1.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

Chen WL, et al. (2025) Differential regulation of calcium-NFAT signaling pathway by Akt isoforms: unraveling effector dynamics and exhaustion of cytotoxic T lymphocytes in tumor microenvironment. Journal for immunotherapy of cancer, 13(3).

Zhu L, et al. (2022) Dapl1 controls NFATc2 activation to regulate CD8+ T cell exhaustion and responses in chronic infection and cancer. Nature cell biology, 24(7), 1165.

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