Resource Summary Report

Generated by NIF on Sep 13, 2026

B6.Cg-Ddit3$^{tm1.1Irt}$/J

RRID:IMSR_JAX:030816
Type: Organism

Proper Citation

RRID:IMSR_JAX:030816

Organism Information

URL: https://www.jax.org/strain/030816

Proper Citation: RRID:IMSR_JAX:030816

Description: Mus musculus with name B6.Cg-Ddit3$^{tm1.1Irt}$/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: DNA-damage inducible transcript 3; mutant strain: Ddit3

Affected Gene: DNA-damage inducible transcript 3

Genomic Alteration: targeted mutation 1.1; Ira Tabas

Catalog Number: JAX:030816

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.Cg-Ddit3$^{tm1.1Irt}$/J

Record Creation Time: 20250513T053817+0000

Record Last Update: 20260912T060554+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-Ddit3$^{tm1.1Irt}$/J.

No alerts have been found for B6.Cg-Ddit3$^{tm1.1Irt}$/J.

Data and Source Information

Source: Integrated Animals

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Somasundaram P, et al. (2026) Coordinated stimulation of axon regenerative and neurodegenerative transcriptional programs by ATF4 following optic nerve injury. eLife, 12.

Alkaslasi MR, et al. (2025) The transcriptional response of cortical neurons to concussion reveals divergent fates after injury. Nature communications, 16(1), 1097.

Alkaslasi MR, et al. (2024) The transcriptional response of cortical neurons to concussion reveals divergent fates after injury. bioRxiv : the preprint server for biology.

Gao Y, et al. (2023) Opposite modulation of functional recovery following contusive spinal cord injury in mice with oligodendrocyte-selective deletions of Atf4 and Chop/Ddit3. Scientific reports, 13(1), 9193.

Wei J, et al. (2021) HRD1-mediated METTL14 degradation regulates m6A mRNA modification to suppress ER proteotoxic liver disease. Molecular cell, 81(24), 5052.

Cao Y, et al. (2019) ER stress-induced mediator C/EBP homologous protein thwarts effector T??cell activity in tumors through T-bet repression. Nature communications, 10(1), 1280.