

Resource Summary Report

Generated by SPARC SAWG on Aug 9, 2026

B6N.FVB(Cg)-Tg(CAG-rtTA3)4288Slowe/J

RRID:IMSR_JAX:016532

Type: Organism

Proper Citation

RRID:IMSR_JAX:016532

Organism Information

URL: <https://www.jax.org/strain/016532>

Proper Citation: RRID:IMSR_JAX:016532

Description: Mus musculus with name B6N.FVB(Cg)-Tg(CAG-rtTA3)4288Slowe/J from IMSR.

Species: Mus musculus

Synonyms: B6N.Cg-Tg(CAG-rtTA3)4288Slowe/J

Notes: gene symbol note: transgene insertion 4288; Scott Lowe|reverse tetracycline-controlled transactivator|cytomegalovirus; mutant strain|congenic strain: Tg(CAG-rtTA3)4288Slowe|rtTA|CMV

Affected Gene: transgene insertion 4288; Scott Lowe|reverse tetracycline-controlled transactivator|cytomegalovirus

Genomic Alteration: transgene insertion 4288; Scott Lowe

Catalog Number: JAX:016532

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6N.FVB(Cg)-Tg(CAG-rtTA3)4288Slowe/J

Record Creation Time: 20250513T053730+0000

Record Last Update: 20260808T050935+0000

Ratings and Alerts

No rating or validation information has been found for B6N.FVB(Cg)-Tg(CAG-rtTA3)4288Slowe/J.

No alerts have been found for B6N.FVB(Cg)-Tg(CAG-rtTA3)4288Slowe/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Papismadov N, et al. (2024) p21 regulates expression of ECM components and promotes pulmonary fibrosis via CDK4 and Rb. The EMBO journal, 43(22), 5360.

Cheung P, et al. (2020) Regenerative Reprogramming of the Intestinal Stem Cell State via Hippo Signaling Suppresses Metastatic Colorectal Cancer. Cell stem cell, 27(4), 590.

Pepe-Mooney BJ, et al. (2019) Single-Cell Analysis of the Liver Epithelium Reveals Dynamic Heterogeneity and an Essential Role for YAP in Homeostasis and Regeneration. Cell stem cell, 25(1), 23.