

Resource Summary Report

Generated by [NIF](#) on Sep 6, 2026

FVB-Tg(CAG-cat.-Twist1)1Dbsp/J

RRID:IMSR_JAX:018543

Type: Organism

Proper Citation

RRID:IMSR_JAX:018543

Organism Information

URL: <https://www.jax.org/strain/018543>

Proper Citation: RRID:IMSR_JAX:018543

Description: Mus musculus with name FVB-Tg(CAG-cat.-Twist1)1Dbsp/J from IMSR.

Species: Mus musculus

Synonyms: FVB-Tg(CAG-cat.Twist1)1Dbsp/J

Notes: gene symbol note: transgene insertion 1; Douglas B Spicer|twist basic helix-loop-helix transcription factor 1|cytomegalovirus; coisogenic strain|mutant strain: Tg(CAG-cat;-Twist1)1Dbsp|Twist1|CMV

Affected Gene: transgene insertion 1; Douglas B Spicer|twist basic helix-loop-helix transcription factor 1|cytomegalovirus

Genomic Alteration: transgene insertion 1; Douglas B Spicer

Catalog Number: JAX:018543

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: FVB-Tg(CAG-cat.-Twist1)1Dbsp/J

Record Creation Time: 20250513T053738+0000

Record Last Update: 20260905T044520+0000

Ratings and Alerts

No rating or validation information has been found for FVB-Tg(CAG-cat.-Twist1)1Dbsp/J.

No alerts have been found for FVB-Tg(CAG-cat.-Twist1)1Dbsp/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Parajuli P, et al. (2018) Twist1 Activation in Muscle Progenitor Cells Causes Muscle Loss Akin to Cancer Cachexia. Developmental cell, 45(6), 712.