

Resource Summary Report

Generated by [NIF](#) on Sep 11, 2026

B6;FVB-Tg(Zfp423-EGFP)7Brsp/J

RRID:IMSR_JAX:019381

Type: Organism

Proper Citation

RRID:IMSR_JAX:019381

Organism Information

URL: <https://www.jax.org/strain/019381>

Proper Citation: RRID:IMSR_JAX:019381

Description: Mus musculus with name B6;FVB-Tg(Zfp423-EGFP)7Brsp/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: zinc finger protein 423||transgene insertion 7; Bruce M Spiegelman; mutant stock: Zfp423||Tg(Zfp423-EGFP)7Brsp

Affected Gene: zinc finger protein 423||transgene insertion 7; Bruce M Spiegelman

Genomic Alteration: transgene insertion 7; Bruce M Spiegelman

Catalog Number: JAX:019381

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6;FVB-Tg(Zfp423-EGFP)7Brsp/J

Record Creation Time: 20250513T053741+0000

Record Last Update: 20260905T044522+0000

Ratings and Alerts

No rating or validation information has been found for B6;FVB-Tg(Zfp423-EGFP)7Brsp/J.

No alerts have been found for B6;FVB-Tg(Zfp423-EGFP)7Brsp/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 [NIF](#) .

Roth L, et al. (2023) Thyroid hormones regulate Zfp423 expression in regionally distinct adipose depots through direct and cell-autonomous action. Cell reports, 42(2), 112088.

Ambrosi TH, et al. (2017) Adipocyte Accumulation in the Bone Marrow during Obesity and Aging Impairs Stem Cell-Based Hematopoietic and Bone Regeneration. Cell stem cell, 20(6), 771.

Malhotra D, et al. (2016) Tolerance is established in polyclonal CD4(+) T cells by distinct mechanisms, according to self-peptide expression patterns. Nature immunology, 17(2), 187.