

Resource Summary Report

Generated by T1D on Sep 19, 2026

B6.FVB-Tg(Adipoq-cre)1Evdr/J

RRID:IMSR_JAX:028020

Type: Organism

Proper Citation

RRID:IMSR_JAX:028020

Organism Information

URL: <https://www.jax.org/strain/028020>

Proper Citation: RRID:IMSR_JAX:028020

Description: Mus musculus with name B6.FVB-Tg(Adipoq-cre)1Evdr/J from IMSR.

Species: Mus musculus

Synonyms: B6;FVB-Tg(Adipoq-cre)1Evdr/J. B6J.FVB-Tg(Adipoq-cre)1Evdr/J

Notes: gene symbol note: |transgene insertion 1; Evan Rosen|adiponectin; C1Q and collagen domain containing; mutant strain|congenic strain: |Tg(Adipoq-cre)1Evdr|Adipoq

Affected Gene: |transgene insertion 1; Evan Rosen|adiponectin; C1Q and collagen domain containing

Genomic Alteration: transgene insertion 1; Evan Rosen

Catalog Number: JAX:028020

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: B6.FVB-Tg(Adipoq-cre)1Evdr/J

Record Creation Time: 20250513T053802+0000

Record Last Update: 20260919T054947+0000

Ratings and Alerts

No rating or validation information has been found for B6.FVB-Tg(Adipoq-cre)¹Evdr/J.

No alerts have been found for B6.FVB-Tg(Adipoq-cre)¹Evdr/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 41 mentions in open access literature.

Listed below are recent publications. The full list is available at [T1D](#) .

Tiash S, et al. (2026) Immune cells regulate circulating adipocyte extracellular vesicle levels in response to metabolic shifts. *Cell metabolism*, 38(5), 929.

Plucińska K, et al. (2026) Cell type-specific proximity labeling of organ secretomes reveals energy balance-dependent proteomic remodeling. *bioRxiv : the preprint server for biology*.

Yao L, et al. (2026) PDGF signaling regulates the adipocyte-to-fibroblast transition in wound healing. *Cell reports*, 45(6), 117421.

Kim AR, et al. (2026) Connexin-43-Mediated Gap Junction Coupling Between Adipocytes Regulates Norepinephrine-Induced Ca²⁺ Responses in Perivascular Adipose Tissue. *Cells*, 15(10).

Nnyamah C, et al. (2026) Adipocyte-specific FFA2 deletion leads to increased adipose inflammation and is associated with altered intestinal lipid handling in mice. *Physiological reports*, 14(9), e70875.

Shchukina I, et al. (2026) Inflammaging in aged tissues drives remodeling of the CD8⁺ T cell compartment. *Cell reports*, 45(5), 117303.

Shchukina I, et al. (2025) Inflammaging in aged tissues drives remodeling of the CD8⁺ T cell compartment. *bioRxiv : the preprint server for biology*.

Peña de la Sancha P, et al. (2025) Lipolysis-derived fatty acids are needed for homeostatic control of sterol element-binding protein-1c driven hepatic lipogenesis. *Communications biology*, 8(1), 588.

Naderi J, et al. (2025) Ceramide-induced FGF13 impairs systemic metabolic health. *Cell metabolism*, 37(5), 1206.

Dumesic PA, et al. (2025) RBM43 controls PGC1 β translation and a PGC1 β -STING signaling axis. *Cell metabolism*, 37(3), 742.

Xiong X, et al. (2025) Clock Modulation by Naringenin via ROR γ Suppresses Lipogenesis and Promotes Adipose Tissue Browning. *bioRxiv : the preprint server for biology*.

Wang H, et al. (2025) Adipocyte-specific Steap4 deficiency reduced thermogenesis and energy expenditure in mice. *iScience*, 28(2), 111903.

Tai KY, et al. (2025) Adipocyte lipolysis activates epithelial stem cells for hair regeneration through fatty acid metabolic signaling. *Cell metabolism*, 37(11), 2202.

Li C, et al. (2025) Liver-breast communication of adipocyte-oriented exosomes drives primary mammary cancer progression. *Cell metabolism*.

Ono Y, et al. (2025) Adipocyte Leptin Signaling Regulates Glycemia and Cardiovascular Function via Enhancing Brown Adipose Tissue Thermogenesis in Obese Male Mice. *bioRxiv : the preprint server for biology*.

Griesel BA, et al. (2024) PFKFB3 protein in adipose tissue contributes to whole body glucose homeostasis. *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*, 38(23), e70254.

Wang G, et al. (2024) Adipose-tissue Treg cells restrain differentiation of stromal adipocyte precursors to promote insulin sensitivity and metabolic homeostasis. *Immunity*, 57(6), 1345.

Xie X, et al. (2024) Adipose Triglyceride Lipase-Mediated Adipocyte Lipolysis Exacerbates Acute Pancreatitis Severity in Mouse Models and Patients. *The American journal of pathology*, 194(8), 1494.

Hanscom M, et al. (2024) Innervation of adipocytes is limited in mouse perivascular adipose tissue. *American journal of physiology. Heart and circulatory physiology*, 327(1), H155.

Bareja A, et al. (2024) Liver-derived plasminogen mediates muscle stem cell expansion during caloric restriction through the plasminogen receptor Plg-RKT. *Cell reports*, 43(3), 113881.