

Resource Summary Report

Generated by [nidm-terms](#) on Aug 29, 2026

STOCK Tbx18^{tm3.1}(cre/ERT2)Sev/J

RRID:IMSR_JAX:031520

Type: Organism

Proper Citation

RRID:IMSR_JAX:031520

Organism Information

URL: <https://www.jax.org/strain/031520>

Proper Citation: RRID:IMSR_JAX:031520

Description: Mus musculus with name STOCK Tbx18^{tm3.1}(cre/ERT2)Sev/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: T-box18; mutant stock: Tbx18

Affected Gene: T-box18

Genomic Alteration: targeted mutation 3.1; Sylvia Evans

Catalog Number: JAX:031520

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: STOCK Tbx18^{tm3.1}(cre/ERT2)Sev/J

Record Creation Time: 20250513T053823+0000

Record Last Update: 20260829T045130+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Tbx18^{tm3.1}(cre/ERT2)Sev/J.

No alerts have been found for STOCK Tbx18^{tm3.1}(cre/ERT2)Sev/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Luo PM, et al. (2026) Ureteric stromal progenitors give rise to kidney inner cortical pericytes via an arterial mural cell intermediate. *Developmental biology*, 530, 86.

Van Hove H, et al. (2025) Interleukin-34-dependent perivascular macrophages promote vascular function in the brain. *Immunity*, 58(5), 1289.

Loan A, et al. (2024) Single-cell profiling of brain pericyte heterogeneity following ischemic stroke unveils distinct pericyte subtype-targeted neural reprogramming potential and its underlying mechanisms. *Theranostics*, 14(16), 6110.

Wang F, et al. (2023) Resolving the lineage relationship between malignant cells and vascular cells in glioblastomas. *Protein & cell*, 14(2), 105.

Derk J, et al. (2023) Formation and function of the meningeal arachnoid barrier around the developing mouse brain. *Developmental cell*, 58(8), 635.

DeSisto J, et al. (2020) Single-Cell Transcriptomic Analyses of the Developing Meninges Reveal Meningeal Fibroblast Diversity and Function. *Developmental cell*, 54(1), 43.

Cattaneo P, et al. (2020) Parallel Lineage-Tracing Studies Establish Fibroblasts as the Prevailing In Vivo Adipocyte Progenitor. *Cell reports*, 30(2), 571.