

Resource Summary Report

Generated by [NIF](#) on Aug 15, 2026

STOCK Tg(Tagln-cre)1Her/J

RRID:IMSR_JAX:004746

Type: Organism

Proper Citation

RRID:IMSR_JAX:004746

Organism Information

URL: <https://www.jax.org/strain/004746>

Proper Citation: RRID:IMSR_JAX:004746

Description: Mus musculus with name STOCK Tg(Tagln-cre)1Her/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: transgelin||transgene insertion 1; Joachim Herz; mutant stock: Tagln||Tg(Tagln-cre)1Her

Affected Gene: transgelin||transgene insertion 1; Joachim Herz

Genomic Alteration: transgene insertion 1; Joachim Herz

Catalog Number: JAX:004746

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: embryo

Organism Name: STOCK Tg(Tagln-cre)1Her/J

Record Creation Time: 20250513T053646+0000

Record Last Update: 20260815T050555+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Tg(Tagln-cre)1Her/J.

No alerts have been found for STOCK Tg(Tagln-cre)1Her/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Pietilä R, et al. (2023) Molecular anatomy of adult mouse leptomeninges. Neuron, 111(23), 3745.

Zhou Y, et al. (2023) SMYD2 regulates vascular smooth muscle cell phenotypic switching and intimal hyperplasia via interaction with myocardin. Cellular and molecular life sciences : CMLS, 80(9), 264.

Zhou Y, et al. (2023) SMYD2 Regulates Vascular Smooth Muscle Cell Phenotypic Switching and Intimal Hyperplasia via Interaction with Myocardin. Research square.

Zhou X, et al. (2022) SM22⁺-lineage niche cells regulate intramembranous bone regeneration via PDGFR α -triggered hydrogen sulfide production. Cell reports, 39(5), 110750.

Tischfield MA, et al. (2017) Cerebral Vein Malformations Result from Loss of Twist1 Expression and BMP Signaling from Skull Progenitor Cells and Dura. Developmental cell, 42(5), 445.