

Resource Summary Report

Generated by [NIF](#) on Aug 27, 2026

B6.Cg-Fbn1^{Tsk}/J

RRID:IMSR_JAX:014632

Type: Organism

Proper Citation

RRID:IMSR_JAX:014632

Organism Information

URL: <https://www.jax.org/strain/014632>

Proper Citation: RRID:IMSR_JAX:014632

Description: Mus musculus with name B6.Cg-Fbn1^{Tsk}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: fibrillin 1; mutant strain|congenic strain: Fbn1

Affected Gene: fibrillin 1

Genomic Alteration: tight skin

Catalog Number: JAX:014632

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.Cg-Fbn1^{Tsk}/J

Record Creation Time: 20250513T053728+0000

Record Last Update: 20260815T050639+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-Fbn1^{Tsk}/J.

No alerts have been found for B6.Cg-Fbn1^{Tsk}/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Ko MK, et al. (2022) Fibrillin-1 mutant mouse captures defining features of human primary open glaucoma including anomalous aqueous humor TGF beta-2. Scientific reports, 12(1), 10623.

Gyrfi AH, et al. (2021) Engrailed 1 coordinates cytoskeletal reorganization to induce myofibroblast differentiation. The Journal of experimental medicine, 218(9).

Wu HJ, et al. (2018) Enlarged Optic Nerve Axons and Reduced Visual Function in Mice with Defective Microfibrils. eNeuro, 5(5).

Chen C, et al. (2015) mTOR inhibition rescues osteopenia in mice with systemic sclerosis. The Journal of experimental medicine, 212(1), 73.

Chen C, et al. (2014) Telomerase governs immunomodulatory properties of mesenchymal stem cells by regulating FAS ligand expression. EMBO molecular medicine, 6(3), 322.

Noda S, et al. (2014) Simultaneous downregulation of KLF5 and Fli1 is a key feature underlying systemic sclerosis. Nature communications, 5, 5797.