

Resource Summary Report

Generated by [NIF](#) on Aug 14, 2026

[Fbn1^{Tsk}/Fbn1⁺](#)

RRID:MGI:3619520

Type: Organism

Proper Citation

RRID:MGI:3619520

Organism Information

URL:

Proper Citation: RRID:MGI:3619520

Description: Allele Detail: Spontaneous This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Spontaneous This is a legacy resource.

Phenotype: increased total lung capacity, heart right ventricle hypertrophy, abnormal pulmonary alveolus morphology, skin fibrosis, abnormal skin physiology, abnormal hypodermis morphology, increased mast cell number, abnormal cutaneous microfibril morphology, polyuria, abnormal urinary bladder morphology, abnormal urinary bladder physiology, increased autoantibody level, abnormal aorta tunica adventitia morphology, abnormal pulmonary alveolus morphology, alveolitis, abnormal pulmonary alveolus wall morphology, overexpanded pulmonary alveoli, abnormal alveolar pore morphology, dilated pulmonary alveolar ducts, homeostasis/metabolism phenotype, abnormal lung morphology, alveolitis, overexpanded pulmonary alveoli, dilated pulmonary alveolar ducts, emphysema, abnormal pulmonary alveolus morphology, abnormal heart morphology, abnormal heart morphology, cardiac fibrosis, abnormal skin physiology, overexpanded pulmonary alveoli, skin fibrosis, abnormal cutaneous collagen fibril morphology, thick skin, abnormal uterine NK cell morphology, increased total lung capacity, increased autoantibody level, lung inflammation, increased lung compliance, abnormal bronchiole morphology, emphysema, abnormal alveolar pore morphology, increased lung compliance, alveolitis, abnormal pulmonary alveolus morphology, lung inflammation, abnormal heart right ventricle morphology, emphysema, cardiac fibrosis, thick pulmonary interalveolar septum, emphysema, abnormal pulmonary alveolus morphology, abnormal pulmonary interalveolar septum morphology, abnormal skin morphology, increased susceptibility to type IV hypersensitivity reaction

Affected Gene: Fbn1

Genomic Alteration: Tsk

Catalog Number: 3619520

Background: B6.Cg-Fbn1

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:1617705](#), [PMID:7523551](#), [PMID:6562869](#), [PMID:9490728](#), [PMID:1433576](#), [PMID:7688852](#), [PMID:1451140](#), [PMID:1587342](#), [PMID:6971670](#), [PMID:2416757](#), [PMID:4048170](#), [PMID:7721853](#), [PMID:8070538](#), [PMID:8221765](#), [PMID:6847727](#), [PMID:1576433](#), [PMID:6604585](#), [PMID:7783425](#), [PMID:7271067](#), [PMID:11168809](#), [PMID:1912584](#)

Organism Name: Fbn1^{Tsk}/Fbn1⁺

Record Creation Time: 20240120T190604+0000

Record Last Update: 20240130T202007+0000

Ratings and Alerts

No rating or validation information has been found for Fbn1^{Tsk}/Fbn1⁺.

No alerts have been found for Fbn1^{Tsk}/Fbn1⁺.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We have not found any literature mentions for this resource.