

Resource Summary Report

Generated by [dkNET](#) on Aug 23, 2026

[Mstn^{tm1Sjl}/Mstn^{tm1Sjl}; Gdf11^{tm1Sjl}/Gdf11^{tm1Sjl}](#)

RRID:MGI:4438573

Type: Organism

Proper Citation

RRID:MGI:4438573

Organism Information

URL:

Proper Citation: RRID:MGI:4438573

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

Species: Mus musculus

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

Phenotype: abnormal pectoral girdle bone morphology, abnormal forelimb morphology, abnormal thoracic vertebrae morphology, abnormal limb morphology, abnormal hindlimb morphology, abnormal frontal bone morphology, absent sacral vertebrae, cleft palate, decreased vertebrae number, increased thoracic vertebrae number, perinatal lethality, complete penetrance, polydactyly, syndactyly, vertebral transformation, absent kidney, abnormal vertebrae morphology, domed cranium

Affected Gene: Gdf11, Mstn

Genomic Alteration: tm1Sjl

Catalog Number: 4438573

Background: involves: 129S1/Sv * 129X1/SvJ

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:19298661](#)

Organism Name: Mstn^{tm1Sjl}/Mstn^{tm1Sjl}; Gdf11^{tm1Sjl}/Gdf11^{tm1Sjl}

Record Creation Time: 20240120T190304+0000

Record Last Update: 20240130T201824+0000

Ratings and Alerts

No rating or validation information has been found for Mstn^{tm1Sjl}/Mstn^{tm1Sjl}; Gdf11^{tm1Sjl}/Gdf11^{tm1Sjl}.

No alerts have been found for Mstn^{tm1Sjl}/Mstn^{tm1Sjl}; Gdf11^{tm1Sjl}/Gdf11^{tm1Sjl}.

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.