

Resource Summary Report

Generated by [NIF](#) on Sep 17, 2026

[Txnrd1^{tm1.1Marc}/Txnrd1^{tm1.1Marc}](#)

RRID:MGI:3574775

Type: Organism

Proper Citation

RRID:MGI:3574775

Organism Information

URL:

Proper Citation: RRID:MGI:3574775

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

Species: Mus musculus

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

Phenotype: short rostral-caudal axis, failure of initiation of embryo turning, absent fibroblast proliferation, decreased cell proliferation, abnormal neural tube morphology, impaired somite development, abnormal visceral yolk sac morphology, decreased embryo size, embryonic lethality during organogenesis, complete penetrance, embryonic growth arrest

Affected Gene: Txnrd1

Genomic Alteration: tm1.1Marc

Catalog Number: 3574775

Background: involves: 129P2/OlaHsd * C57BL/6J

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:15713651](#)

Organism Name: Txnrd1^{tm1.1Marc}/Txnrd1^{tm1.1Marc}

Record Creation Time: 20240120T190636+0000

Record Last Update: 20240130T202025+0000

Ratings and Alerts

No rating or validation information has been found for Txnrd1^{tm1.1Marc}/Txnrd1^{tm1.1Marc}.

No alerts have been found for Txnrd1^{tm1.1Marc}/Txnrd1^{tm1.1Marc}.

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.