

Resource Summary Report

Generated by [NIF](#) on Aug 21, 2026

[Cd274^{tm1Shr}/Cd274^{tm1Shr}; Tg\(TcraTcrb\)1100Mjb](#)

RRID:MGI:4397688

Type: Organism

Proper Citation

RRID:MGI:4397688

Organism Information

URL:

Proper Citation: RRID:MGI:4397688

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

Species: Mus musculus

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

Phenotype: increased susceptibility to autoimmune diabetes

Affected Gene: Tg(TcraTcrb)1100Mjb, Cd274

Genomic Alteration: Tg(TcraTcrb)1100Mjb, tm1Shr

Catalog Number: 4397688

Background: involves: C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:17911591](#)

Organism Name: Cd274^{tm1Shr}/Cd274^{tm1Shr}; Tg(TcraTcrb)1100Mjb

Record Creation Time: 20240120T190317+0000

Record Last Update: 20240130T201831+0000

Ratings and Alerts

No rating or validation information has been found for Cd274^{tm1Shr}/Cd274^{tm1Shr}; Tg(TcraTcrb)1100Mjb.

No alerts have been found for Cd274^{tm1Shr}/Cd274^{tm1Shr}; Tg(TcraTcrb)1100Mjb.

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.