

Resource Summary Report

Generated by [ASWG](#) on Aug 9, 2026

[Cd86^{tm2Shr}/Cd86^{tm2Shr}](#); [Cd80^{tm1Shr}/Cd80^{tm1Shr}](#)

RRID:MGI:3620124

Type: Organism

Proper Citation

RRID:MGI:3620124

Organism Information

URL:

Proper Citation: RRID:MGI:3620124

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

Species: Mus musculus

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

Phenotype: insulinitis, abnormal cytokine secretion, abnormal CD4-positive, alpha-beta T cell physiology, increased susceptibility to autoimmune diabetes

Affected Gene: Cd80, Cd86

Genomic Alteration: tm2Shr, tm1Shr

Catalog Number: 3620124

Background: involves: 129S4/SvJae * NOD

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:10795741](#)

Organism Name: Cd86^{tm2Shr}/Cd86^{tm2Shr}; Cd80^{tm1Shr}/Cd80^{tm1Shr}

Record Creation Time: 20240120T190603+0000

Record Last Update: 20240130T202007+0000

Ratings and Alerts

No rating or validation information has been found for Cd86^{tm2Shr}/Cd86^{tm2Shr}; Cd80^{tm1Shr}/Cd80^{tm1Shr}.

No alerts have been found for Cd86^{tm2Shr}/Cd86^{tm2Shr}; Cd80^{tm1Shr}/Cd80^{tm1Shr}.

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.