

# Resource Summary Report

Generated by [nidm-terms](#) on Aug 12, 2026

[Cd86<sup>tm2Shr</sup>/Cd86<sup>tm2Shr</sup>](#); [Cd80<sup>tm1Shr</sup>/Cd80<sup>tm1Shr</sup>](#)

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<sup>tm2Shr</sup>/Cd86<sup>tm2Shr</sup>; Cd80<sup>tm1Shr</sup>/Cd80<sup>tm1Shr</sup>

**Record Creation Time:** 20240120T190603+0000

**Record Last Update:** 20240130T202007+0000

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## Ratings and Alerts

No rating or validation information has been found for Cd86<sup>tm2Shr</sup>/Cd86<sup>tm2Shr</sup>; Cd80<sup>tm1Shr</sup>/Cd80<sup>tm1Shr</sup>.

No alerts have been found for Cd86<sup>tm2Shr</sup>/Cd86<sup>tm2Shr</sup>; Cd80<sup>tm1Shr</sup>/Cd80<sup>tm1Shr</sup>.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** MGI, Mouse Genome Informatics MGI

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.