

# Resource Summary Report

Generated by [kravitz2](#) on Jul 29, 2026

[Cd86<sup>tm2Shr</sup>/Cd86<sup>tm2Shr</sup>; Cd80<sup>tm1Shr</sup>/Cd80<sup>tm1Shr</sup>;  
Tg\(Ighm-Ctla4Ig/Cd80\)1Jbs](#)

RRID:MGI:3714277

Type: Organism

## Proper Citation

RRID:MGI:3714277

## Organism Information

**URL:**

**Proper Citation:** RRID:MGI:3714277

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

**Species:** Mus musculus

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

**Phenotype:** decreased regulatory T cell number, decreased susceptibility to autoimmune diabetes, insulinitis

**Affected Gene:** Cd86, Cd80

**Genomic Alteration:** tm2Shr, tm1Shr, Tg(Ighm-Ctla4Ig/Cd80)1Jbs

**Catalog Number:** 3714277

**Background:** involves: 129S4/SvJae \* FVB/N \* NOD

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

**Database Abbreviation:** MGI

**Availability:** Availability unknown check source stock center

**Source References:** [PMID:16886063](#)

**Organism Name:** Cd86<sup>tm2Shr</sup>/Cd86<sup>tm2Shr</sup>; Cd80<sup>tm1Shr</sup>/Cd80<sup>tm1Shr</sup>; Tg(Ighm-Ctla4Ig/Cd80)1Jbs

**Record Creation Time:** 20240120T190517+0000

**Record Last Update:** 20240130T201940+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>; Tg(Ighm-Ctla4Ig/Cd80)1Jbs.

No alerts have been found for Cd86<sup>tm2Shr</sup>/Cd86<sup>tm2Shr</sup>; Cd80<sup>tm1Shr</sup>/Cd80<sup>tm1Shr</sup>; Tg(Ighm-Ctla4Ig/Cd80)1Jbs.

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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.