

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 19, 2026

[Cd86^{tm2Shr}/Cd86^{tm2Shr}; Cd80^{tm1Shr}/Cd80^{tm1Shr};
Tg\(Ighm-Ctla4Ig/Cd80\)1Jbs](#)

RRID:MGI:3714277

Type: Organism

Proper Citation

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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^{tm2Shr}/Cd86^{tm2Shr}; Cd80^{tm1Shr}/Cd80^{tm1Shr}; Tg(Ighm-Ctla4Ig/Cd80)1Jbs

Record Creation Time: 20240120T190517+0000

Record Last Update: 20240130T201940+0000

Ratings and Alerts

No rating or validation information has been found for Cd86^{tm2Shr}/Cd86^{tm2Shr}; Cd80^{tm1Shr}/Cd80^{tm1Shr}; Tg(Ighm-Ctla4Ig/Cd80)1Jbs.

No alerts have been found for Cd86^{tm2Shr}/Cd86^{tm2Shr}; Cd80^{tm1Shr}/Cd80^{tm1Shr}; Tg(Ighm-Ctla4Ig/Cd80)1Jbs.

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.