

Resource Summary Report

Generated by [dkNET](#) on Aug 17, 2026

[Cd28^{tm1Shr}/Cd28^{tm1Shr}; Ctla4^{tm1Shr}/Ctla4^{tm1Shr}](#)

RRID:MGI:3721947

Type: Organism

Proper Citation

RRID:MGI:3721947

Organism Information

URL:

Proper Citation: RRID:MGI:3721947

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

Species: Mus musculus

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

Phenotype: increased length of allograft survival, abnormal interferon level, decreased T cell proliferation, abnormal interleukin secretion, decreased CD4-positive, alpha beta T cell number

Affected Gene: Cd28, Ctla4

Genomic Alteration: tm1Shr

Catalog Number: 3721947

Background: C.129S4-Cd28 Ctla4

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:11285307](#)

Organism Name: Cd28^{tm1Shr}/Cd28^{tm1Shr}; Ctla4^{tm1Shr}/Ctla4^{tm1Shr}

Record Creation Time: 20240120T190503+0000

Record Last Update: 20240130T201932+0000

Ratings and Alerts

No rating or validation information has been found for Cd28^{tm1Shr}/Cd28^{tm1Shr}; Ctla4^{tm1Shr}/Ctla4^{tm1Shr}.

No alerts have been found for Cd28^{tm1Shr}/Cd28^{tm1Shr}; Ctla4^{tm1Shr}/Ctla4^{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.