

Resource Summary Report

Generated by [T1D](#) on Sep 19, 2026

[Tg\(HLA-DQA1/HLA-DQB1\)1Dv; Tg\(HLA-DRB1\)31Dmz; H2-Ab1^{tm1Gru}/H2-Ab1^{tm1Gru}; Tg\(Ins2-CD80\)3B7Flv](#)

RRID:MGI:3639133

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:3639133

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

Species: Mus musculus

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

Phenotype: abnormal CD4-positive, alpha beta T cell morphology, salivary gland inflammation, decreased susceptibility to autoimmune diabetes, abnormal CD8-positive, alpha beta T cell morphology

Affected Gene: H2-Ab1

Genomic Alteration: tm1Gru, Tg(Ins2-CD80)3B7Flv, Tg(HLA-DRB1)31Dmz, Tg(HLA-DQA1, HLA-DQB1)1Dv

Catalog Number: 3639133

Background: involves: 129S2/SvPas * C57BL/6 * C57BL/10SnJ * CBA * SJL

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:11285306](#)

Organism Name: Tg(HLA-DQA1/HLA-DQB1)1Dv; Tg(HLA-DRB1)31Dmz; H2-Ab1^{tm1Gru}/H2-Ab1^{tm1Gru}; Tg(Ins2-CD80)3B7Flv

Record Creation Time: 20240120T190553+0000

Record Last Update: 20240130T202000+0000

Ratings and Alerts

No rating or validation information has been found for Tg(HLA-DQA1/HLA-DQB1)1Dv; Tg(HLA-DRB1)31Dmz; H2-Ab1^{tm1Gru}/H2-Ab1^{tm1Gru}; Tg(Ins2-CD80)3B7Flv.

No alerts have been found for Tg(HLA-DQA1/HLA-DQB1)1Dv; Tg(HLA-DRB1)31Dmz; H2-Ab1^{tm1Gru}/H2-Ab1^{tm1Gru}; Tg(Ins2-CD80)3B7Flv.

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.