

Resource Summary Report

Generated by [RRID](#) on Jul 30, 2026

[NOD.Cg-H2-K1^{d-em1Dvs} H2-Ab1 H2-D1 Tg\(HLA-DQA1.HLA-DQB1\)1Dv Tg\(CD2-TcraA1.9.Cd4-TcrbA1.9\)1Dvs Tg\(INS*\)172Dvs/DvsJ](#)

RRID:IMSR_JAX:039056

Type: Organism

Proper Citation

RRID:IMSR_JAX:039056

Organism Information

URL: <https://www.jax.org/strain/039056>

Proper Citation: RRID:IMSR_JAX:039056

Description: Mus musculus with name NOD.Cg-H2-K1^{d-em1Dvs} H2-Ab1 H2-D1 Tg(HLA-DQA1.HLA-DQB1)1Dv Tg(CD2-TcraA1.9.Cd4-TcrbA1.9)1Dvs Tg(INS*)172Dvs/DvsJ from IMSR.

Species: Mus musculus

Notes: gene symbol note: histocompatibility 2; K1; K region|major histocompatibility complex; class II; DQ alpha 1|transgene insertion 1; Chella David|histocompatibility 2; class II antigen A; beta 1|transgene insertion 172; David V Serreze|histocompatibility 2; D region locus 1|major histocompatibility complex; class II; DQ beta 1|transgene insertion 1; David V Serreze|insulin; mutant strain|congenic strain: H2-K1|HLA-DQA1|Tg(HLA-DQA1;HLA-DQB1)1Dv|H2-Ab1|Tg(INS*)172Dvs|H2-D1|HLA-DQB1|Tg(CD2-TcraA1.9;Cd4-TcrbA1.9)1Dvs|INS

Affected Gene: histocompatibility 2; K1; K region|major histocompatibility complex; class II; DQ alpha 1|transgene insertion 1; Chella David|histocompatibility 2; class II antigen A; beta 1|transgene insertion 172; David V Serreze|histocompatibility 2; D region locus 1|major histocompatibility complex; class II; DQ beta 1|transgene insertion 1; David V Serreze|insulin

Genomic Alteration: endonuclease-mediated mutation 1; David V Serreze|transgene insertion 1; Chella David|endonuclease-mediated mutation 1; Jackson|transgene insertion 172; David V Serreze|endonuclease-mediated mutation 5; David V Serreze|transgene insertion 1; David V Serreze

Catalog Number: JAX:039056

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: NOD.Cg-H2-K1^{d-em1Dvs} H2-Ab1 H2-D1 Tg(HLA-DQA1.HLA-DQB1)1Dv Tg(CD2-TcraA1.9.Cd4-TcrbA1.9)1Dvs Tg(INS*)172Dvs/DvsJ

Record Creation Time: 20250513T053909+0000

Record Last Update: 20260725T044600+0000

Ratings and Alerts

No rating or validation information has been found for NOD.Cg-H2-K1^{d-em1Dvs} H2-Ab1 H2-D1 Tg(HLA-DQA1.HLA-DQB1)1Dv Tg(CD2-TcraA1.9.Cd4-TcrbA1.9)1Dvs Tg(INS*)172Dvs/DvsJ.

No alerts have been found for NOD.Cg-H2-K1^{d-em1Dvs} H2-Ab1 H2-D1 Tg(HLA-DQA1.HLA-DQB1)1Dv Tg(CD2-TcraA1.9.Cd4-TcrbA1.9)1Dvs Tg(INS*)172Dvs/DvsJ.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We have not found any literature mentions for this resource.