

Resource Summary Report

Generated by T1D on Sep 21, 2026

B6.Cg-Thy1^a Tg(CD2-Tcra.-Tcrb)27Glkm/J

RRID:IMSR_JAX:035728

Type: Organism

Proper Citation

RRID:IMSR_JAX:035728

Organism Information

URL: <https://www.jax.org/strain/035728>

Proper Citation: RRID:IMSR_JAX:035728

Description: Mus musculus with name B6.Cg-Thy1^a Tg(CD2-Tcra.-Tcrb)27Glkm/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: transgene insertion 27; Michael Glickman|thymus cell antigen 1; theta; mutant strain|congenic strain: Tg(CD2-Tcra;-Tcrb)27Glkm|Thy1

Affected Gene: transgene insertion 27; Michael Glickman|thymus cell antigen 1; theta

Genomic Alteration: transgene insertion 27; Michael Glickman|a variant

Catalog Number: JAX:035728

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.Cg-Thy1^a Tg(CD2-Tcra.-Tcrb)27Glkm/J

Record Creation Time: 20250513T053850+0000

Record Last Update: 20260919T055033+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-Thy1^a Tg(CD2-Tcra.-Tcrb)27Glkm/J.

No alerts have been found for B6.Cg-Thy1^a Tg(CD2-Tcra.-Tcrb)27Glkm/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [T1D](#).

Shamskhov EA, et al. (2026) Monocytic niches escape T cell surveillance and promote Mycobacterium tuberculosis persistence in lymph nodes. Immunity.

Liu D, et al. (2025) APOE protects against severe infection with Mycobacterium tuberculosis by restraining production of neutrophil extracellular traps. PLoS pathogens, 21(6), e1013267.