

Resource Summary Report

Generated by [NIF](#) on Sep 21, 2026

B6.Cg-Cd274^{tm3.1Shr}/J

RRID:IMSR_JAX:036255

Type: Organism

Proper Citation

RRID:IMSR_JAX:036255

Organism Information

URL: <https://www.jax.org/strain/036255>

Proper Citation: RRID:IMSR_JAX:036255

Description: Mus musculus with name B6.Cg-Cd274^{tm3.1Shr}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: CD274 antigen; mutant strain|congenic strain: Cd274

Affected Gene: CD274 antigen

Genomic Alteration: targeted mutation 3.1; Arlene H Sharpe

Catalog Number: JAX:036255

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: B6.Cg-Cd274^{tm3.1Shr}/J

Record Creation Time: 20250513T053852+0000

Record Last Update: 20260919T055035+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-Cd274^{tm3.1Shr}/J.

No alerts have been found for B6.Cg-Cd274^{tm3.1Shr}/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Frank K, et al. (2026) PD-L1 is an intrinsic switch for natural killer cell-mediated, TRAIL-dependent antiviral function. Cell reports, 45(2), 116939.

Pei S, et al. (2026) Neutrophil regulation of immunotherapy for cancer is controlled by type II interferon. Immunity, 59(7), 1982.

Borys SM, et al. (2024) NK cells restrain cytotoxic CD8+ T cells in the submandibular gland via PD-1-PD-L1. Science immunology, 9(102), eadl2967.