

Resource Summary Report

Generated by [NIF](#) on Sep 22, 2026

(CAST/EiJ x B6.Cg-Tg(K18-ACE2)2PrImn/J)F1/J

RRID:IMSR_JAX:035937

Type: Organism

Proper Citation

RRID:IMSR_JAX:035937

Organism Information

URL: <https://www.jax.org/strain/035937>

Proper Citation: RRID:IMSR_JAX:035937

Description: Mus musculus with name (CAST/EiJ x B6.Cg-Tg(K18-ACE2)2PrImn/J)F1/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: transgene insertion 2; Stanley Perlman; mutant strain: Tg(K18-ACE2)2PrImn

Affected Gene: transgene insertion 2; Stanley Perlman

Genomic Alteration: transgene insertion 2; Stanley Perlman

Catalog Number: JAX:035937

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: (CAST/EiJ x B6.Cg-Tg(K18-ACE2)2PrImn/J)F1/J

Record Creation Time: 20250513T053851+0000

Record Last Update: 20260919T055034+0000

Ratings and Alerts

No rating or validation information has been found for (CAST/EiJ x B6.Cg-Tg(K18-ACE2)2PrImn/J)F1/J.

No alerts have been found for (CAST/EiJ x B6.Cg-Tg(K18-ACE2)2PrImn/J)F1/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Robertson SJ, et al. (2023) Genetically diverse mouse models of SARS-CoV-2 infection reproduce clinical variation in type I interferon and cytokine responses in COVID-19. Nature communications, 14(1), 4481.