

Resource Summary Report

Generated by [NIF](#) on Sep 8, 2026

C57BL/6N-Trpv4^{em1}(cre/ERT2)Amc/J

RRID:IMSR_JAX:029582

Type: Organism

Proper Citation

RRID:IMSR_JAX:029582

Organism Information

URL: <https://www.jax.org/strain/029582>

Proper Citation: RRID:IMSR_JAX:029582

Description: Mus musculus with name C57BL/6N-Trpv4^{em1}(cre/ERT2)Amc/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: transient receptor potential cation channel; subfamily V; member 4|Cre recombinase and estrogen receptor 1 (human) fusion gene; coisogenic strain|mutant strain: Trpv4|cre/ERT2

Affected Gene: transient receptor potential cation channel; subfamily V; member 4|Cre recombinase and estrogen receptor 1 (human) fusion gene

Genomic Alteration: endonuclease-mediated mutation 1; Andrew P McMahon

Catalog Number: JAX:029582

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: C57BL/6N-Trpv4^{em1}(cre/ERT2)Amc/J

Record Creation Time: 20250513T053809+0000

Record Last Update: 20260905T044546+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6N-Trpv4^{em1(cre/ERT2)Amc}/J.

No alerts have been found for C57BL/6N-Trpv4^{em1(cre/ERT2)Amc}/J.

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.