

Resource Summary Report

Generated by [NIF](#) on Sep 1, 2026

C57BL/6N-Tg(Oxr1-cre)C14Stl/J

RRID:IMSR_JAX:030484

Type: Organism

Proper Citation

RRID:IMSR_JAX:030484

Organism Information

URL: <https://www.jax.org/strain/030484>

Proper Citation: RRID:IMSR_JAX:030484

Description: Mus musculus with name C57BL/6N-Tg(Oxr1-cre)C14Stl/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: oxidation resistance 1||transgene insertion C14; Susumu Tonegawa; coisogenic strain|mutant strain: Oxr1||Tg(Oxr1-cre)C14Stl

Affected Gene: oxidation resistance 1||transgene insertion C14; Susumu Tonegawa

Genomic Alteration: transgene insertion C14; Susumu Tonegawa

Catalog Number: JAX:030484

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: C57BL/6N-Tg(Oxr1-cre)C14Stl/J

Record Creation Time: 20250513T053815+0000

Record Last Update: 20260829T045120+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6N-Tg(Oxr1-cre)C14Stl/J.

No alerts have been found for C57BL/6N-Tg(Oxr1-cre)C14Stl/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](#) .

Dudok B, et al. (2021) Alternating sources of perisomatic inhibition during behavior. *Neuron*, 109(6), 997.

Bell KA, et al. (2021) The Entorhinal Cortical Alvear Pathway Differentially Excites Pyramidal Cells and Interneuron Subtypes in Hippocampal CA1. *Cerebral cortex* (New York, N.Y. : 1991), 31(5), 2382.

Beed P, et al. (2020) Layer 3 Pyramidal Cells in the Medial Entorhinal Cortex Orchestrate Up-Down States and Entrain the Deep Layers Differentially. *Cell reports*, 33(10), 108470.