Resource Summary Report

Generated by dkNET on Sep 12, 2026

C57BL/6-Tg(Nms-icre)20Ywa/J

RRID:IMSR_JAX:027205
Type: Organism

Proper Citation

RRID:IMSR_JAX:027205

Organism Information

URL: https://www.jax.org/strain/027205

Proper Citation: RRID:IMSR_JAX:027205

Description: Mus musculus with name C57BL/6-Tg(Nms-icre)20Ywa/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: |transgene insertion 20; Masashi Yanagisawa|neuromedin S; coisogenic strain|mutant strain: |Tg(Nms-icre)20Ywa|Nms

Affected Gene: |transgene insertion 20; Masashi Yanagisawa|neuromedin S

Genomic Alteration: transgene insertion 20; Masashi Yanagisawa

Catalog Number: JAX:027205

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: C57BL/6-Tg(Nms-icre)20Ywa/J

Record Creation Time: 20250513T053759+0000

Record Last Update: 20260905T044537+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6-Tg(Nms-icre)20Ywa/J.

No alerts have been found for C57BL/6-Tg(Nms-icre)20Ywa/J.

Data and Source Information

Source: Integrated Animals

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 5 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET .

Van Loh BM, et al. (2026) The Transcription Factors Six3 and Six6 in Neuromedin-S Neurons Differentially Affect Circadian Rhythms. Journal of neuroscience research, 104(4), e70123.

Zhai Q, et al. (2022) Time-restricted feeding entrains long-term behavioral changes through the IGF2-KCC2 pathway. iScience, 25(5), 104267.

Grippo RM, et al. (2020) Dopamine Signaling in the Suprachiasmatic Nucleus Enables Weight Gain Associated with Hedonic Feeding. Current biology : CB, 30(2), 196.

Shan Y, et al. (2020) Dual-Color Single-Cell Imaging of the Suprachiasmatic Nucleus Reveals a Circadian Role in Network Synchrony. Neuron, 108(1), 164.

Ishibashi M, et al. (2016) Hypocretin/Orexin Peptides Alter Spike Encoding by Serotonergic Dorsal Raphe Neurons through Two Distinct Mechanisms That Increase the Late Afterhyperpolarization. The Journal of neuroscience : the official journal of the Society for Neuroscience, 36(39), 10097.