

Resource Summary Report

Generated by T1D on Sep 20, 2026

B6.129(SJL)-Oxtr^{tm1.1Wsy/J}

RRID:IMSR_JAX:008471

Type: Organism

Proper Citation

RRID:IMSR_JAX:008471

Organism Information

URL: <https://www.jax.org/strain/008471>

Proper Citation: RRID:IMSR_JAX:008471

Description: Mus musculus with name B6.129(SJL)-Oxtr^{tm1.1Wsy/J} from IMSR.

Species: Mus musculus

Notes: gene symbol note: oxytocin receptor; congenic strain: Oxtr

Affected Gene: oxytocin receptor

Genomic Alteration: targeted mutation 1.1; W Scott Young III

Catalog Number: JAX:008471

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.129(SJL)-Oxtr^{tm1.1Wsy/J}

Record Creation Time: 20250513T053709+0000

Record Last Update: 20260919T054857+0000

Ratings and Alerts

No rating or validation information has been found for B6.129(SJL)-Oxtr^{tm1.1Wsy/J}.

Warning: Please note, Elsevier Star Methods has a sample table that includes this RRID. All references to this RRID may not be authentic.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 89 mentions in open access literature.

Listed below are recent publications. The full list is available at [T1D](#).

Xie H, et al. (2026) Dual recombinases-mediated genetic tracing reveals no postnatal neo-oogenesis in mice. *iScience*, 29(5), 115830.

Siddiqui M, et al. (2026) Density-adjusted analysis of cell interactions to decipher tissue landscape changes. *iScience*, 29(6), 115815.

Xie Z, et al. (2026) Filtering of artificial chimeric reads generated by ligation preparation method of nanopore sequencing. *iScience*, 29(5), 115695.

Siliezar-Doyle J, et al. (2026) Translatome profiling of spinal cord astrocytes reveals distinct gene signatures associated with acute and chronic pain. *iScience*, 29(5), 115719.

Xiao B, et al. (2026) MAP3K1 integrates RhoA/ROCK signaling to regulate epithelial morphogenesis. *iScience*, 29(6), 115853.

Hung YC, et al. (2026) Hilar mossy cell oxytocin receptor signaling regulates adult hippocampal neurogenesis and context discrimination in mice. *Journal of biomedical science*, 33(1), 17.

Wong FY, et al. (2026) Multiplex serological profiling reveals diverse avian and mammalian influenza A virus exposure in swine. *iScience*, 29(5), 115743.

Cai L, et al. (2026) Comparative analysis of breast cancer burden in China, India, and the United States. *iScience*, 29(5), 115718.

Chang R, et al. (2025) Olink proteomics reveals TNFRSF9 as a biomarker for abdominal aortic aneurysms. *iScience*, 28(7), 112828.

Coppi S, et al. (2025) Feeling pain from a rubber hand: Nociceptive drift in the rubber hand illusion. *iScience*, 28(6), 112690.

Zhao Y, et al. (2025) Origin and development of uniparental and polyploid blastomeres. *iScience*, 28(5), 112337.

Boccia T, et al. (2025) Adjuvant conditioning shapes the adaptive immune response promoting immunotolerance via NLRP3/interleukin-1. *iScience*, 28(6), 112653.

Louca S, et al. (2025) National antibiotic consumption is strongly related to the prevalence of antibiotic resistance across bacterial clades. *iScience*, 28(2), 111712.

Keng VW, et al. (2025) ANKRD17 induces pro-survival signaling pathways that enhance cellular invasion and migration during hepatocellular carcinoma tumorigenesis. *iScience*, 28(5), 112463.

Wolf J, et al. (2025) Substrate diffusion electrodes allow for the electrochemical hydrogenation of concentrated alkynol substrate feeds. *iScience*, 28(2), 111789.

Zhang Q, et al. (2025) A tumor microenvironment model for glioma diagnosis and therapeutic evaluation based on the analysis of tissues and biological fluids. *iScience*, 28(7), 112881.

Pastor-Escuredo D, et al. (2025) Unsupervised spatiotemporal classification of deformation patterns of embryonic tissues matches their fate map. *iScience*, 28(3), 111753.

Benman W, et al. (2025) Multiplexed dynamic control of temperature to probe and observe mammalian cells. *Cell systems*, 16(3), 101234.

Conway FM, et al. (2025) Development and evaluation of an international teleproctoring program for bronchoscopic procedures. *iScience*, 28(3), 111653.

Uwamizu A, et al. (2025) Autocrine/paracrine lysophosphatidylserine signaling suppresses B cell aggregation and tertiary lymphoid structure formation. *iScience*, 28(5), 112420.