

Resource Summary Report

Generated by [kravitz2](#) on Sep 5, 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: 20260905T044453+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 [kravitz2](#) .

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.