Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 4, 2025

129S-Wls$^{tm1.1Lan}$/J

RRID:IMSR_JAX:012888
Type: Organism

Proper Citation

RRID:IMSR_JAX:012888

Organism Information

URL: https://www.jax.org/strain/012888

Proper Citation: RRID:IMSR_JAX:012888

Description: Mus musculus with name 129S-Wls$^{tm1.1Lan}$/J from IMSR.

Species: Mus musculus

Synonyms: 129-Wls/J

Notes: gene symbol note: wntless WNT ligand secretion mediator; coisogenic strain|mutant strain: Wls

Affected Gene: wntless WNT ligand secretion mediator

Genomic Alteration: targeted mutation 1.1; Richard A Lang

Catalog Number: JAX:012888

Database: International Mouse Resource Center IMSR, JAX

Database Abbreviation: IMSR

Availability: sperm

Alternate IDs: IMSR_JAX:12888

Organism Name: 129S-Wls$^{tm1.1Lan}$/J

Record Creation Time: 20230509T193305+0000

Record Last Update: 20240104T174949+0000

Ratings and Alerts

No rating or validation information has been found for 129S-Wls$^{tm1.1Lan}$/J.

No alerts have been found for 129S-Wls$^{tm1.1Lan}$/J.

Data and Source Information

Source: Integrated Animals

Source Database: International Mouse Resource Center IMSR, JAX

Usage and Citation Metrics

We found 11 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Zhou D, et al. (2022) Non-canonical Wnt/calcium signaling is protective against podocyte injury and glomerulosclerosis. Kidney international, 102(1), 96.

Kim JE, et al. (2022) Gut microbiota promotes stem cell differentiation through macrophage and mesenchymal niches in early postnatal development. Immunity, 55(12), 2300.

Lee S, et al. (2021) Notch-Wnt signal crosstalk regulates proliferation and differentiation of osteoprogenitor cells during intramembranous bone healing. NPJ Regenerative medicine, 6(1), 29.

Zhang S, et al. (2021) HIF? Regulates Developmental Myelination Independent of Autocrine Wnt Signaling. The Journal of neuroscience : the official journal of the Society for Neuroscience, 41(2), 251.

Russell JP, et al. (2021) Pituitary stem cells produce paracrine WNT signals to control the expansion of their descendant progenitor cells. eLife, 10.

Jing J, et al. (2021) Reciprocal interaction between mesenchymal stem cells and transit amplifying cells regulates tissue homeostasis. eLife, 10.

Chavali M, et al. (2020) Wnt-Dependent Oligodendroglial-Endothelial Interactions Regulate White Matter Vascularization and Attenuate Injury. Neuron, 108(6), 1130.

Abaricia JO, et al. (2020) Wnt signaling modulates macrophage polarization and is regulated by biomaterial surface properties. Biomaterials, 243, 119920.

Zhang S, et al. (2020) Glial type specific regulation of CNS angiogenesis by HIF?-activated different signaling pathways. Nature communications, 11(1), 2027.

Ma R, et al. (2020) Metabolic and non-metabolic liver zonation is established non-synchronously and requires sinusoidal Wnts. eLife, 9.

Cha B, et al. (2018) Complementary Wnt Sources Regulate Lymphatic Vascular Development via PROX1-Dependent Wnt/?-Catenin Signaling. Cell reports, 25(3), 571.