

Resource Summary Report

Generated by [RRID](#) on Jul 30, 2026

B6;129S4-Sox9^{tm1.1Tlu}/J

RRID:IMSR_JAX:030137

Type: Organism

Proper Citation

RRID:IMSR_JAX:030137

Organism Information

URL: <https://www.jax.org/strain/030137>

Proper Citation: RRID:IMSR_JAX:030137

Description: Mus musculus with name B6;129S4-Sox9^{tm1.1Tlu}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: |SRY (sex determining region Y)-box 9; mutant stock: |Sox9

Affected Gene: |SRY (sex determining region Y)-box 9

Genomic Alteration: targeted mutation 1.1 Thomas Lufkin

Catalog Number: JAX:030137

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: B6;129S4-Sox9^{tm1.1Tlu}/J

Record Creation Time: 20250513T053812+0000

Record Last Update: 20260725T044516+0000

Ratings and Alerts

No rating or validation information has been found for B6;129S4-Sox9^{tm1.1Tlu}/J.

No alerts have been found for B6;129S4-Sox9^{tm1.1Tlu}/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Ke X, et al. (2025) Morphogenesis and regeneration share a conserved core transition cell state program that controls lung epithelial cell fate. *Developmental cell*, 60(6), 819.

Parada C, et al. (2022) Mechanical feedback defines organizing centers to drive digit emergence. *Developmental cell*, 57(7), 854.

Hu H, et al. (2022) Dental niche cells directly contribute to tooth reconstitution and morphogenesis. *Cell reports*, 41(10), 111737.

Xie C, et al. (2021) Endoderm development requires centrioles to restrain p53-mediated apoptosis in the absence of ERK activity. *Developmental cell*, 56(24), 3334.

van Gastel N, et al. (2020) Lipid availability determines fate of skeletal progenitor cells via SOX9. *Nature*, 579(7797), 111.

Yang CL, et al. (2020) Lineage-restricted sympathoadrenal progenitors confer neuroblastoma origin and its tumorigenicity. *Oncotarget*, 11(24), 2357.