

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 10, 2026

B6.129S4-Lyn^{tm1Sor}/J

RRID:IMSR_JAX:003515

Type: Organism

Proper Citation

RRID:IMSR_JAX:003515

Organism Information

URL: <https://www.jax.org/strain/003515>

Proper Citation: RRID:IMSR_JAX:003515

Description: Mus musculus with name B6.129S4-Lyn^{tm1Sor}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: Lyn proto-oncogene; Src family tyrosine kinase; mutant strain|congenic strain: Lyn

Affected Gene: Lyn proto-oncogene; Src family tyrosine kinase

Genomic Alteration: targeted mutation 1; Philippe Soriano

Catalog Number: JAX:003515

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: embryo

Organism Name: B6.129S4-Lyn^{tm1Sor}/J

Record Creation Time: 20250513T053639+0000

Record Last Update: 20260808T050841+0000

Ratings and Alerts

No rating or validation information has been found for B6.129S4-Lyn^{tm1Sor}/J.

No alerts have been found for B6.129S4-Lyn^{tm1Sor}/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Islam R, et al. (2026) Microglial Lyn Kinase-TRPV4 axis mediates social deficits in a maternal immune activation model. Journal of neuroinflammation, 23(1).

Peng C, et al. (2012) LSK derived LSK- cells have a high apoptotic rate related to survival regulation of hematopoietic and leukemic stem cells. PloS one, 7(6), e38614.