

Resource Summary Report

Generated by [NIF](#) on Sep 1, 2026

B6.129S2-Lck^{tm1Mak}/J

RRID:IMSR_JAX:002817

Type: Organism

Proper Citation

RRID:IMSR_JAX:002817

Organism Information

URL: <https://www.jax.org/strain/002817>

Proper Citation: RRID:IMSR_JAX:002817

Description: Mus musculus with name B6.129S2-Lck^{tm1Mak}/J from IMSR.

Species: Mus musculus

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

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

Genomic Alteration: targeted mutation 1; Tak Mak

Catalog Number: JAX:002817

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: embryo

Organism Name: B6.129S2-Lck^{tm1Mak}/J

Record Creation Time: 20250513T053635+0000

Record Last Update: 20260829T044925+0000

Ratings and Alerts

No rating or validation information has been found for B6.129S2-Lck^{tm1Mak}/J.

No alerts have been found for B6.129S2-Lck^{tm1Mak}/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Märklin M, et al. (2020) Genetic Loss of LCK Kinase Leads to Acceleration of Chronic Lymphocytic Leukemia. *Frontiers in immunology*, 11, 1995.

Wiede F, et al. (2020) PTPN2 phosphatase deletion in T cells promotes anti-tumour immunity and CAR T-cell efficacy in solid tumours. *The EMBO journal*, 39(2), e103637.

Wiede F, et al. (2017) PTPN2 regulates T cell lineage commitment and ?? versus ?? specification. *The Journal of experimental medicine*, 214(9), 2733.

Laird RM, et al. (2010) Roles of the Src tyrosine kinases Lck and Fyn in regulating gammadeltaTCR signal strength. *PloS one*, 5(1), e8899.