Resource Summary Report

Generated by ASWG on Aug 9, 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: 20260808T050836+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 ASWG .

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.

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. (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.