

Resource Summary Report

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

B6.Cg-Tg(Lck-cre)I540Jxm/J

RRID:IMSR_JAX:006889

Type: Organism

Proper Citation

RRID:IMSR_JAX:006889

Organism Information

URL: <https://www.jax.org/strain/006889>

Proper Citation: RRID:IMSR_JAX:006889

Description: Mus musculus with name B6.Cg-Tg(Lck-cre)I540Jxm/J from IMSR.

Species: Mus musculus

Synonyms: B6(CBA)-Tg(Lck-cre)I540Jxm/J

Notes: gene symbol note: lck proto-oncogene; Src family tyrosine kinase||transgene insertion I540; Jamey Marth; mutant strain: Lck||Tg(Lck-cre)I540Jxm

Affected Gene: lck proto-oncogene; Src family tyrosine kinase||transgene insertion I540; Jamey Marth

Genomic Alteration: transgene insertion I540; Jamey Marth

Catalog Number: JAX:006889

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.Cg-Tg(Lck-cre)I540Jxm/J

Record Creation Time: 20250513T053659+0000

Record Last Update: 20260725T044413+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-Tg(Lck-cre)I540Jxm/J.

No alerts have been found for B6.Cg-Tg(Lck-cre)I540Jxm/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Wiede F, et al. (2022) PTP1B Is an Intracellular Checkpoint that Limits T-cell and CAR T-cell Antitumor Immunity. Cancer discovery, 12(3), 752.

Goh PK, et al. (2022) PTPN2 elicits cell autonomous and non-cell autonomous effects on antitumor immunity in triple-negative breast cancer. Science advances, 8(8), eabk3338.

Jin W, et al. (2011) The effect of conditional EFNB1 deletion in the T cell compartment on T cell development and function. BMC immunology, 12, 68.