

Resource Summary Report

Generated by [NIF](#) on Sep 16, 2026

B6.C-Tg(Pgk1-cre)1Lni/CrsJ

RRID:IMSR_JAX:020811

Type: Organism

Proper Citation

RRID:IMSR_JAX:020811

Organism Information

URL: <https://www.jax.org/strain/020811>

Proper Citation: RRID:IMSR_JAX:020811

Description: Mus musculus with name B6.C-Tg(Pgk1-cre)1Lni/CrsJ from IMSR.

Species: Mus musculus

Notes: gene symbol note: phosphoglycerate kinase 1|transgene insertion 1; Peter Lonai|mutant strain|congenic strain: Pgk1|Tg(Pgk1-cre)1Lni|

Affected Gene: phosphoglycerate kinase 1|transgene insertion 1; Peter Lonai|

Genomic Alteration: transgene insertion 1; Peter Lonai

Catalog Number: JAX:020811

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.C-Tg(Pgk1-cre)1Lni/CrsJ

Record Creation Time: 20250513T053741+0000

Record Last Update: 20260912T060527+0000

Ratings and Alerts

No rating or validation information has been found for B6.C-Tg(Pgk1-cre)1Lni/CrsJ.

No alerts have been found for B6.C-Tg(Pgk1-cre)1Lni/CrsJ.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

King A, et al. (2025) Shieldin and CST co-orchestrate DNA polymerase-dependent tailed-end joining reactions independently of 53BP1-governed repair pathway choice. *Nature structural & molecular biology*, 32(1), 86.

Prakash A, et al. (2025) Mitochondrial-activity-driven hematopoietic stem cell fate and lineage choice is first established in the aorta-gonad-mesonephros. *Cell reports*, 44(10), 116296.

Lima JDCC, et al. (2025) HIF α isoform specific activities drive cell-type specificity of VHL-associated oncogenesis. *Nature communications*, 16(1), 9185.

Kurlekar S, et al. (2024) Oncogenic Cell Tagging and Single-Cell Transcriptomics Reveal Cell Type-Specific and Time-Resolved Responses to Vhl Inactivation in the Kidney. *Cancer research*, 84(11), 1799.

Lan Q, et al. (2024) Mesenchyme instructs growth while epithelium directs branching in the mouse mammary gland. *eLife*, 13.

King A, et al. (2023) Shieldin and CST co-orchestrate DNA polymerase-dependent tailed-end joining reactions independently of 53BP1-governed repair pathway choice. *bioRxiv* : the preprint server for biology.

Beryozkin A, et al. (2021) A new mouse model for retinal degeneration due to Fam161a deficiency. *Scientific reports*, 11(1), 2030.

Le A, et al. (2020) JNK1 Signaling Downstream of the EGFR Pathway Contributes to Aldara®-Induced Skin Inflammation. *Frontiers in immunology*, 11, 604785.

Forsström S, et al. (2019) Fibroblast Growth Factor 21 Drives Dynamics of Local and Systemic Stress Responses in Mitochondrial Myopathy with mtDNA Deletions. *Cell metabolism*, 30(6), 1040.

Aitken SJ, et al. (2018) CTCF maintains regulatory homeostasis of cancer pathways. *Genome biology*, 19(1), 106.

Varol D, et al. (2017) Dicer Deficiency Differentially Impacts Microglia of the Developing and Adult Brain. *Immunity*, 46(6), 1030.