

Resource Summary Report

Generated by SPARC SAWG on Aug 9, 2026

129;FVB-Tg(PTH-cre)4167Slib/J

RRID:IMSR_JAX:005989

Type: Organism

Proper Citation

RRID:IMSR_JAX:005989

Organism Information

URL: <https://www.jax.org/strain/005989>

Proper Citation: RRID:IMSR_JAX:005989

Description: Mus musculus with name 129;FVB-Tg(PTH-cre)4167Slib/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: transgene insertion 4167; Steven K Libutti||parathyroid hormone; mutant stock: Tg(PTH-cre)4167Slib||PTH

Affected Gene: transgene insertion 4167; Steven K Libutti||parathyroid hormone

Genomic Alteration: transgene insertion 4167; Steven K Libutti

Catalog Number: JAX:005989

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: 129;FVB-Tg(PTH-cre)4167Slib/J

Record Creation Time: 20250513T053653+0000

Record Last Update: 20260808T050856+0000

Ratings and Alerts

No rating or validation information has been found for 129;FVB-Tg(PTH-cre)4167Slib/J.

No alerts have been found for 129;FVB-Tg(PTH-cre)4167Slib/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 [SPARC SAWG](#) .

Zhang L, et al. (2026) PTH-induced behavioral and metabolic alterations in mouse models of hyperparathyroidism. iScience, 29(7), 116650.

Tu CL, et al. (2026) Amyloid-?? as a target to suppress tonic PTH hypersecretion in hyperparathyroidism due to vitamin D deficiency. Science translational medicine, 18(841), eadz2837.

Zhang L, et al. (2023) Bidirectional control of parathyroid hormone and bone mass by subfornical organ. Neuron, 111(12), 1914.

Marneros AG, et al. (2021) Magnesium and Calcium Homeostasis Depend on KCTD1 Function in the Distal Nephron. Cell reports, 34(2), 108616.