

Resource Summary Report

Generated by [RRID](#) on Jul 29, 2026

STOCK Lrig1^{tm1.1}(cre/ERT2)Rjc/J

RRID:IMSR_JAX:018418

Type: Organism

Proper Citation

RRID:IMSR_JAX:018418

Organism Information

URL: <https://www.jax.org/strain/018418>

Proper Citation: RRID:IMSR_JAX:018418

Description: Mus musculus with name STOCK Lrig1^{tm1.1}(cre/ERT2)Rjc/J from IMSR.

Species: Mus musculus

Synonyms: B6.129S6(Cg)-Lrig1/J

Notes: gene symbol note: Cre recombinase and estrogen receptor 1 (human) fusion gene|leucine-rich repeats and immunoglobulin-like domains 1; mutant stock: cre/ERT2|Lrig1

Affected Gene: Cre recombinase and estrogen receptor 1 (human) fusion gene|leucine-rich repeats and immunoglobulin-like domains 1

Genomic Alteration: targeted mutation 1.1; Robert J Coffey

Catalog Number: JAX:018418

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: STOCK Lrig1^{tm1.1}(cre/ERT2)Rjc/J

Record Creation Time: 20250513T053737+0000

Record Last Update: 20260725T044446+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Lrig1^{tm1.1}(cre/ERT2)Rjc/J.

No alerts have been found for STOCK Lrig1^{tm1.1}(cre/ERT2)Rjc/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Pilat JM, et al. (2023) SELENOP modifies sporadic colorectal carcinogenesis and WNT signaling activity through LRP5/6 interactions. The Journal of clinical investigation, 133(13).

Liu CY, et al. (2023) Wound-healing plasticity enables clonal expansion of founder progenitor cells in colitis. Developmental cell, 58(21), 2309.

Sakamoto K, et al. (2021) Disruption of the endopeptidase ADAM10-Notch signaling axis leads to skin dysbiosis and innate lymphoid cell-mediated hair follicle destruction. Immunity, 54(10), 2321.

Farrelly O, et al. (2021) Two-photon live imaging of single corneal stem cells reveals compartmentalized organization of the limbal niche. Cell stem cell, 28(7), 1233.

Bensard CL, et al. (2020) Regulation of Tumor Initiation by the Mitochondrial Pyruvate Carrier. Cell metabolism, 31(2), 284.

Jeong D, et al. (2020) LRIG1-Mediated Inhibition of EGF Receptor Signaling Regulates Neural Precursor Cell Proliferation in the Neocortex. Cell reports, 33(2), 108257.

Cheung P, et al. (2020) Regenerative Reprogramming of the Intestinal Stem Cell State via Hippo Signaling Suppresses Metastatic Colorectal Cancer. Cell stem cell, 27(4), 590.

Li Q, et al. (2020) Lats1/2 Sustain Intestinal Stem Cells and Wnt Activation through TEAD-Dependent and Independent Transcription. Cell stem cell, 26(5), 675.

Jones KB, et al. (2019) Quantitative Clonal Analysis and Single-Cell Transcriptomics Reveal Division Kinetics, Hierarchy, and Fate of Oral Epithelial Progenitor Cells. Cell stem cell, 24(1), 183.

Herring CA, et al. (2018) Unsupervised Trajectory Analysis of Single-Cell RNA-Seq and Imaging Data Reveals Alternative Tuft Cell Origins in the Gut. Cell systems, 6(1), 37.