

Resource Summary Report

Generated by [NIF](#) on Sep 6, 2026

B6.129P2-Lgr6^{tm2.1}(cre/ERT2)Cle/J

RRID:IMSR_JAX:016934

Type: Organism

Proper Citation

RRID:IMSR_JAX:016934

Organism Information

URL: <https://www.jax.org/strain/016934>

Proper Citation: RRID:IMSR_JAX:016934

Description: Mus musculus with name B6.129P2-Lgr6^{tm2.1}(cre/ERT2)Cle/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: leucine-rich repeat-containing G protein-coupled receptor 6|Cre recombinase and estrogen receptor 1 (human) fusion gene|; mutant strain|congenic strain: Lgr6|cre/ERT2|

Affected Gene: leucine-rich repeat-containing G protein-coupled receptor 6|Cre recombinase and estrogen receptor 1 (human) fusion gene|

Genomic Alteration: targeted mutation 2.1; Hans Clevers

Catalog Number: JAX:016934

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.129P2-Lgr6^{tm2.1}(cre/ERT2)Cle/J

Record Creation Time: 20250513T053731+0000

Record Last Update: 20260905T044514+0000

Ratings and Alerts

No rating or validation information has been found for B6.129P2-Lgr6^{tm2.1(cre/ERT2)Cle/J}.

No alerts have been found for B6.129P2-Lgr6^{tm2.1(cre/ERT2)Cle/J}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Snitow ME, et al. (2025) Stc1-expressing myofibroblasts are a developmentally distinct lineage cleared through apoptosis in the neonatal lung. Cell reports, 45(1), 116750.

Lyu H, et al. (2022) Niche-mediated repair of airways is directed in an occupant-dependent manner. Cell reports, 41(12), 111863.

Huang S, et al. (2021) Lgr6 marks epidermal stem cells with a nerve-dependent role in wound re-epithelialization. Cell stem cell, 28(9), 1582.

Sun X, et al. (2020) Coordinated hedgehog signaling induces new hair follicles in adult skin. eLife, 9.

Joost S, et al. (2018) Single-Cell Transcriptomics of Traced Epidermal and Hair Follicle Stem Cells Reveals Rapid Adaptations during Wound Healing. Cell reports, 25(3), 585.

Cheng CC, et al. (2018) Hair follicle epidermal stem cells define a niche for tactile sensation. eLife, 7.

Lee JH, et al. (2017) Anatomically and Functionally Distinct Lung Mesenchymal Populations Marked by Lgr5 and Lgr6. Cell, 170(6), 1149.