

Resource Summary Report

Generated by [NIF](#) on Sep 17, 2026

B6.129S2-Cd207^{tm3.1}(HBEGF/EGFP)Mal/J

RRID:IMSR_JAX:016940

Type: Organism

Proper Citation

RRID:IMSR_JAX:016940

Organism Information

URL: <https://www.jax.org/strain/016940>

Proper Citation: RRID:IMSR_JAX:016940

Description: Mus musculus with name B6.129S2-Cd207^{tm3.1}(HBEGF/EGFP)Mal/J from IMSR.

Species: Mus musculus

Synonyms: B6.129S2-Cd207/J. B6.129S2-Cd207/J

Notes: gene symbol note: Simian Diphtheria Toxin Receptor; Enhanced Green Fluorescent Protein|CD207 antigen; mutant strain|congenic strain: DTR/EGFP|Cd207

Affected Gene: Simian Diphtheria Toxin Receptor; Enhanced Green Fluorescent Protein|CD207 antigen

Genomic Alteration: targeted mutation 3.1; Bernard Malissen

Catalog Number: JAX:016940

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.129S2-Cd207^{tm3.1}(HBEGF/EGFP)Mal/J

Record Creation Time: 20250513T053731+0000

Record Last Update: 20260912T060517+0000

Ratings and Alerts

No rating or validation information has been found for B6.129S2-Cd207^{tm3.1(HBEGF/EGFP)Mal/J}.

No alerts have been found for B6.129S2-Cd207^{tm3.1(HBEGF/EGFP)Mal/J}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 12 mentions in open access literature.

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

Tatsumi N, et al. (2025) CD301b⁺ dendritic cell-derived IL-2 dictates CD4⁺ T helper cell differentiation. *Nature communications*, 16(1), 2002.

Fima R, et al. (2024) Loss of embryonically-derived Kupffer cells during hypercholesterolemia accelerates atherosclerosis development. *Nature communications*, 15(1), 8341.

Cros A, et al. (2023) Homeostatic activation of aryl hydrocarbon receptor by dietary ligands dampens cutaneous allergic responses by controlling Langerhans cells migration. *eLife*, 12.

Anderton H, et al. (2022) Langerhans cells are an essential cellular intermediary in chronic dermatitis. *Cell reports*, 39(10), 110922.

Viladomiu M, et al. (2022) Agr2-associated ER stress promotes adherent-invasive *E. coli* dysbiosis and triggers CD103⁺ dendritic cell IL-23-dependent ileocolitis. *Cell reports*, 41(7), 111637.

Viladomiu M, et al. (2021) Adherent-invasive *E. coli* metabolism of propanediol in Crohn's disease regulates phagocytes to drive intestinal inflammation. *Cell host & microbe*, 29(4), 607.

Tran S, et al. (2020) Impaired Kupffer Cell Self-Renewal Alters the Liver Response to Lipid Overload during Non-alcoholic Steatohepatitis. *Immunity*, 53(3), 627.

Menares E, et al. (2019) Tissue-resident memory CD8⁺ T cells amplify anti-tumor immunity by triggering antigen spreading through dendritic cells. *Nature communications*, 10(1), 4401.

Janela B, et al. (2019) A Subset of Type I Conventional Dendritic Cells Controls Cutaneous Bacterial Infections through VEGF β -Mediated Recruitment of Neutrophils. *Immunity*, 50(4), 1069.

Kurup SP, et al. (2019) Monocyte-Derived CD11c⁺ Cells Acquire Plasmodium from Hepatocytes to Prime CD8 T Cell Immunity to Liver-Stage Malaria. *Cell host & microbe*, 25(4), 565.

Choi EY, et al. (2017) Langerhans cells prevent subbasal nerve damage and upregulate neurotrophic factors in dry eye disease. *PloS one*, 12(4), e0176153.

Kumamoto Y, et al. (2016) CD301b⁺ dendritic cells suppress T follicular helper cells and antibody responses to protein antigens. *eLife*, 5.