

Resource Summary Report

Generated by SPARC SAWG on Aug 11, 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: 20260808T050935+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 [SPARC SAWG](#) .

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⁺-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.