

Resource Summary Report

Generated by [NIF](#) on Sep 8, 2026

C57BL/6-Ccr7^{tm1.1Dnc}/J

RRID:IMSR_JAX:027913

Type: Organism

Proper Citation

RRID:IMSR_JAX:027913

Organism Information

URL: <https://www.jax.org/strain/027913>

Proper Citation: RRID:IMSR_JAX:027913

Description: Mus musculus with name C57BL/6-Ccr7^{tm1.1Dnc}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: C-C motif chemokine receptor 7|; coisogenic strain|mutant strain: Ccr7|

Affected Gene: C-C motif chemokine receptor 7|

Genomic Alteration: targeted mutation 1.1; Donald N Cook

Catalog Number: JAX:027913

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: C57BL/6-Ccr7^{tm1.1Dnc}/J

Record Creation Time: 20250513T053802+0000

Record Last Update: 20260905T044539+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6-Ccr7^{tm1.1Dnc}/J.

No alerts have been found for C57BL/6-Ccr7^{tm1.1Dnc}/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Alouche N, et al. (2026) Homeostatic mature dendritic cells instruct fibroblast specialization via Notch2 signaling to establish T cell niches. *Immunity*, 59(6), 1688.

Meiser P, et al. (2023) A distinct stimulatory cDC1 subpopulation amplifies CD8+ T cell responses in tumors for protective anti-cancer immunity. *Cancer cell*, 41(8), 1498.

Rivera CA, et al. (2022) Epithelial colonization by gut dendritic cells promotes their functional diversification. *Immunity*, 55(1), 129.

Da Mesquita S, et al. (2021) Aging-associated deficit in CCR7 is linked to worsened glymphatic function, cognition, neuroinflammation, and β -amyloid pathology. *Science advances*, 7(21).

Louveau A, et al. (2018) CNS lymphatic drainage and neuroinflammation are regulated by meningeal lymphatic vasculature. *Nature neuroscience*, 21(10), 1380.