

Resource Summary Report

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

B6;129P2-Cxcr4^{tm2Tng}/TngRbrc

RRID:IMSR_RBRC04198

Type: Organism

Proper Citation

RRID:IMSR_RBRC04198

Organism Information

URL: <https://brc.riken.jp/mus/RBRC04198>

Proper Citation: RRID:IMSR_RBRC04198

Description: Mus musculus with name B6;129P2-Cxcr4^{tm2Tng}/TngRbrc from IMSR.

Species: Mus musculus

Notes: gene symbol note: C-X-C motif chemokine receptor 4; mutant stock: Cxcr4

Affected Gene: C-X-C motif chemokine receptor 4

Genomic Alteration: targeted mutation 2; Takashi Nagasawa

Catalog Number: RBRC04198

Database: RIKEN BioResource Research Center

Database Abbreviation: RBRC

Availability: embryo

Organism Name: B6;129P2-Cxcr4^{tm2Tng}/TngRbrc

Record Creation Time: 20250513T061455+0000

Record Last Update: 20260905T052427+0000

Ratings and Alerts

No rating or validation information has been found for B6;129P2-Cxcr4^{tm2Tng}/TngRbrc.

No alerts have been found for B6;129P2-Cxcr4^{tm2Tng}/TngRbrc.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: RIKEN BioResource Research Center

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Shimba A, et al. (2018) Glucocorticoids Drive Diurnal Oscillations in T Cell Distribution and Responses by Inducing Interleukin-7 Receptor and CXCR4. Immunity, 48(2), 286.