Resource Summary Report

Generated by kravitz2 on Sep 17, 2026

B6;129P2-Cxcl12^{tm2Tng}/TngRbrc

RRID:IMSR_RBRC04200
Type: Organism

Proper Citation

RRID:IMSR_RBRC04200

Organism Information

URL: https://brc.riken.jp/mus/RBRC04200

Proper Citation: RRID:IMSR_RBRC04200

Description: Mus musculus with name B6;129P2-Cxcl12^{tm2Tng}/TngRbrc from IMSR.

Species: Mus musculus

Notes: gene symbol note: C-X-C motif chemokine ligand 12; mutant stock: Cxcl12

Affected Gene: C-X-C motif chemokine ligand 12

Genomic Alteration: targeted mutation 2; Takashi Nagasawa

Catalog Number: RBRC04200

Database: RIKEN BioResource Research Center

Database Abbreviation: RBRC

Availability: embryo

Organism Name: B6;129P2-Cxcl12^{tm2Tng}/TngRbrc

Record Creation Time: 20250513T061455+0000

Record Last Update: 20260912T064314+0000

Ratings and Alerts

No rating or validation information has been found for B6;129P2-Cxcl12^{tm2Tng}/TngRbrc.

No alerts have been found for B6;129P2-Cxcl12^{tm2Tng}/TngRbrc.

Data and Source Information

Source: Integrated Animals

Source Database: RIKEN BioResource Research Center

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at kravitz2 .

Ridge LA, et al. (2021) Dual role for CXCL12 signaling in semilunar valve development. Cell reports, 36(8), 109610.

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.

Rodda LB, et al. (2018) Single-Cell RNA Sequencing of Lymph Node Stromal Cells Reveals Niche-Associated Heterogeneity. Immunity, 48(5), 1014.