

Resource Summary Report

Generated by [NIF](#) on Sep 3, 2026

B6.129-Cx3cr1^{tm1Zm}

RRID:IMSR_TAC:4167

Type: Organism

Proper Citation

RRID:IMSR_TAC:4167

Organism Information

URL: <http://www.taconic.com/mouse-model/cx3cr1-knockout>

Proper Citation: RRID:IMSR_TAC:4167

Description: Mus musculus with name B6.129-Cx3cr1^{tm1Zm} from IMSR.

Species: Mus musculus

Notes: gene symbol note: C-X3-C motif chemokine receptor 1; mutant strain|congenic strain: Cx3cr1

Affected Gene: C-X3-C motif chemokine receptor 1

Genomic Alteration: targeted mutation 1; Ziad Mallat

Catalog Number: TAC:4167

Database: Taconic Biosciences

Database Abbreviation: TAC

Availability: archived

Organism Name: B6.129-Cx3cr1^{tm1Zm}

Record Creation Time: 20250513T053517+0000

Record Last Update: 20260829T044809+0000

Ratings and Alerts

No rating or validation information has been found for B6.129-Cx3cr1^{tm1Zm}.

No alerts have been found for B6.129-Cx3cr1^{tm1Zm}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Taconic Biosciences

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Izumi G, et al. (2021) CD11b+ lung dendritic cells at different stages of maturation induce Th17 or Th2 differentiation. Nature communications, 12(1), 5029.

Jeong D, et al. (2021) Soluble Fas ligand drives autoantibody-induced arthritis by binding to DR5/TRAIL-R2. eLife, 10.

Montesinos J, et al. (2020) Cocaine-induced changes in CX3CL1 and inflammatory signaling pathways in the hippocampus: Association with IL1???. Neuropharmacology, 162, 107840.

Montagud-Romero S, et al. (2020) Social defeat-induced increase in the conditioned rewarding effects of cocaine: Role of CX3CL1. Progress in neuro-psychopharmacology & biological psychiatry, 96, 109753.