

Resource Summary Report

Generated by [ASWG](#) on Aug 12, 2026

B6.Cg-Xcr1^{tm2}(HBEGF/Venus)Ksho

RRID:IMSR_RBRC09485

Type: Organism

Proper Citation

RRID:IMSR_RBRC09485

Organism Information

URL: <https://brc.riken.jp/mus/RBRC09485>

Proper Citation: RRID:IMSR_RBRC09485

Description: Mus musculus with name B6.Cg-Xcr1^{tm2}(HBEGF/Venus)Ksho from IMSR.

Species: Mus musculus

Notes: gene symbol note: chemokine (C motif) receptor 1; mutant strain: Xcr1

Affected Gene: chemokine (C motif) receptor 1

Genomic Alteration: targeted mutation 2; Tsuneyasu Kaisho

Catalog Number: RBRC09485

Database: RIKEN BioResource Research Center

Database Abbreviation: RBRC

Availability: embryo

Organism Name: B6.Cg-Xcr1^{tm2}(HBEGF/Venus)Ksho

Record Creation Time: 20250513T061514+0000

Record Last Update: 20260808T054901+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-Xcr1^{tm2}(HBEGF/Venus)Ksho.

No alerts have been found for B6.Cg-Xcr1^{tm2}(HBEGF/Venus)Ksho.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: RIKEN BioResource Research Center

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

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.

de Mingo Pulido Á, et al. (2021) The inhibitory receptor TIM-3 limits activation of the cGAS-STING pathway in intra-tumoral dendritic cells by suppressing extracellular DNA uptake. *Immunity*, 54(6), 1154.

Flommersfeld S, et al. (2021) Fate mapping of single NK cells identifies a type 1 innate lymphoid-like lineage that bridges innate and adaptive recognition of viral infection. *Immunity*, 54(10), 2288.

Tsuchiya N, et al. (2019) Type I Interferon Delivery by iPSC-Derived Myeloid Cells Elicits Antitumor Immunity via XCR1+ Dendritic Cells. *Cell reports*, 29(1), 162.