

Resource Summary Report

Generated by [SPARC SAWG](#) on Jul 30, 2026

BALB/c-Ffar4^{tm1Kync}

RRID:IMSR_RBRC10195

Type: Organism

Proper Citation

RRID:IMSR_RBRC10195

Organism Information

URL: <https://brc.riken.jp/mus/RBRC10195>

Proper Citation: RRID:IMSR_RBRC10195

Description: Mus musculus with name BALB/c-Ffar4^{tm1Kync} from IMSR.

Species: Mus musculus

Notes: gene symbol note: free fatty acid receptor 4; mutant strain: Ffar4

Affected Gene: free fatty acid receptor 4

Genomic Alteration: targeted mutation 1; Shigenobu Matsumura

Catalog Number: RBRC10195

Database: RIKEN BioResource Research Center

Database Abbreviation: RBRC

Availability: embryo

Organism Name: BALB/c-Ffar4^{tm1Kync}

Record Creation Time: 20250513T061519+0000

Record Last Update: 20260725T052205+0000

Ratings and Alerts

No rating or validation information has been found for BALB/c-Ffar4^{tm1Kync}.

No alerts have been found for BALB/c-Ffar4^{tm1Kync}.

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 [SPARC SAWG](#) .

Hagihara M, et al. (2025) Clostridium butyricum-altered lung microbiome is associated with enhanced anti-influenza effects via G-protein-coupled receptor120. iScience, 28(10), 113502.