

Resource Summary Report

Generated by [NIF](#) on Aug 29, 2026

B6.129-Pou2f3^{tm1Abek}/ImtRbrc

RRID:IMSR_RBRC05254

Type: Organism

Proper Citation

RRID:IMSR_RBRC05254

Organism Information

URL: <https://brc.riken.jp/mus/RBRC05254>

Proper Citation: RRID:IMSR_RBRC05254

Description: Mus musculus with name B6.129-Pou2f3^{tm1Abek}/ImtRbrc from IMSR.

Species: Mus musculus

Notes: gene symbol note: POU domain; class 2; transcription factor 3; mutant strain: Pou2f3

Affected Gene: POU domain; class 2; transcription factor 3

Genomic Alteration: targeted mutation 1; Keiko Abe

Catalog Number: RBRC05254

Database: RIKEN BioResource Research Center

Database Abbreviation: RBRC

Availability: embryo

Organism Name: B6.129-Pou2f3^{tm1Abek}/ImtRbrc

Record Creation Time: 20250513T061501+0000

Record Last Update: 20260829T053543+0000

Ratings and Alerts

No rating or validation information has been found for B6.129-Pou2f3^{tm1Abek}/ImtRbrc.

No alerts have been found for B6.129-Pou2f3^{tm1Abek}/ImtRbrc.

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 [NIF](#) .

Ahmad A, et al. (2026) Soybean-Derived Soluble Fiber Enhances Antimicrobial Proteins in the Mouse Small Intestine via a Tuft Cell-Group 2 Innate Lymphoid Cell Axis. Journal of agricultural and food chemistry, 74(23), 17952.

AlMatrouk A, et al. (2018) Chemical Exposure-Induced Changes in the Expression of Neurotrophins and Their Receptors in the Main Olfactory System of Mice Lacking TRPM5-Expressing Microvillous Cells. International journal of molecular sciences, 19(10).

Lemons K, et al. (2017) Lack of TRPM5-Expressing Microvillous Cells in Mouse Main Olfactory Epithelium Leads to Impaired Odor-Evoked Responses and Olfactory-Guided Behavior in a Challenging Chemical Environment. eNeuro, 4(3).