

Resource Summary Report

Generated by PRECISE-TBI on Aug 9, 2026

C57BL/6J-Tg(Gpr88-cre)1Kmik

RRID:IMSR_RBRC10287

Type: Organism

Proper Citation

RRID:IMSR_RBRC10287

Organism Information

URL: <https://brc.riken.jp/mus/RBRC10287>

Proper Citation: RRID:IMSR_RBRC10287

Description: Mus musculus with name C57BL/6J-Tg(Gpr88-cre)1Kmik from IMSR.

Species: Mus musculus

Notes: gene symbol note: |transgene insertion 1; Katsuhiko Mikoshiba|G-protein coupled receptor 88; mutant strain: |Tg(Gpr88-cre)1Kmik|Grp88

Affected Gene: |transgene insertion 1; Katsuhiko Mikoshiba|G-protein coupled receptor 88

Genomic Alteration: |transgene insertion 1; Katsuhiko Mikoshiba|G-protein coupled receptor 88

Catalog Number: RBRC10287

Database: RIKEN BioResource Research Center

Database Abbreviation: RBRC

Availability: embryo

Organism Name: C57BL/6J-Tg(Gpr88-cre)1Kmik

Record Creation Time: 20250513T061520+0000

Record Last Update: 20260808T054907+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6J-Tg(Gpr88-cre)1Kmik.

No alerts have been found for C57BL/6J-Tg(Gpr88-cre)1Kmik.

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 [PRECISE-TBI](#) .

Kuno M, et al. (2026) PTP1B deficiency in the reward system suppressed the rewarding value of a high-fat diet. Brain research bulletin, 244, 112042.

Sun R, et al. (2021) GABAB receptor signaling in the caudate putamen is involved in binge-like consumption during a high fat diet in mice. Scientific reports, 11(1), 19296.

Mizoguchi A, et al. (2021) Glucocorticoid receptor signaling in ventral tegmental area neurons increases the rewarding value of a high-fat diet in mice. Scientific reports, 11(1), 12873.