

Resource Summary Report

Generated by [NIF](#) on Aug 16, 2026

C57BL/6-Tmem173^{em1Tsse}

RRID:IMSR_RBRC09881

Type: Organism

Proper Citation

RRID:IMSR_RBRC09881

Organism Information

URL: <https://brc.riken.jp/mus/RBRC09881>

Proper Citation: RRID:IMSR_RBRC09881

Description: Mus musculus with name C57BL/6-Tmem173^{em1Tsse} from IMSR.

Species: Mus musculus

Synonyms: C57BL/6-Sting1

Notes: gene symbol note: stimulator of interferon response cGAMP interactor 1; mutant strain: Sting1

Affected Gene: stimulator of interferon response cGAMP interactor 1

Genomic Alteration: endonuclease-mediated mutation 1; Tsukasa Seya

Catalog Number: RBRC09881

Database: RIKEN BioResource Research Center

Database Abbreviation: RBRC

Availability: embryo

Organism Name: C57BL/6-Tmem173^{em1Tsse}

Record Creation Time: 20250513T061517+0000

Record Last Update: 20260815T054844+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6-Tmem173^{em1Tsse}.

No alerts have been found for C57BL/6-Tmem173^{em1Tsse}.

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 [NIF](#) .

Maekawa H, et al. (2019) Mitochondrial Damage Causes Inflammation via cGAS-STING Signaling in Acute Kidney Injury. Cell reports, 29(5), 1261.