

# Resource Summary Report

Generated by [NIF](#) on Aug 24, 2026

## B6.Cg-Tg(SYC-SB16)1Jtak/JtakRbrc

RRID:IMSR\_RBRC02100

Type: Organism

### Proper Citation

RRID:IMSR\_RBRC02100

### Organism Information

**URL:** <https://brc.riken.jp/mus/RBRC02100>

**Proper Citation:** RRID:IMSR\_RBRC02100

**Description:** Mus musculus with name B6.Cg-Tg(SYC-SB16)1Jtak/JtakRbrc from IMSR.

**Species:** Mus musculus

**Notes:** gene symbol note: synaptonemal complex protein 1|transgene insertion 1; Junji Takeda|stub; mutant stock: Sycp1|Tg(SYC-sb16)1Jtak|sb

**Affected Gene:** synaptonemal complex protein 1|transgene insertion 1; Junji Takeda|stub

**Genomic Alteration:** synaptonemal complex protein 1|transgene insertion 1; Junji Takeda|stub

**Catalog Number:** RBRC02100

**Database:** RIKEN BioResource Research Center

**Database Abbreviation:** RBRC

**Availability:** embryo

**Organism Name:** B6.Cg-Tg(SYC-SB16)1Jtak/JtakRbrc

**Record Creation Time:** 20250513T061442+0000

**Record Last Update:** 20260815T054755+0000

### Ratings and Alerts

No rating or validation information has been found for B6.Cg-Tg(SYC-SB16)1Jtak/JtakRbrc.

No alerts have been found for B6.Cg-Tg(SYC-SB16)1Jtak/JtakRbrc.

---

## 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 [NIF](#) .

Waanders L, et al. (2023) Ectopic expression of cGAS in Salmonella typhimurium enhances STING-mediated IFN-?? response in human macrophages and dendritic cells. Journal for immunotherapy of cancer, 11(4).

Schierack P, et al. (2011) E. coli Nissle 1917 Affects Salmonella adhesion to porcine intestinal epithelial cells. PloS one, 6(2), e14712.

Hoffmann C, et al. (2010) In macrophages, caspase-1 activation by SopE and the type III secretion system-1 of S. typhimurium can proceed in the absence of flagellin. PloS one, 5(8), e12477.

Chen LM, et al. (1999) Requirement of p21-activated kinase (PAK) for Salmonella typhimurium-induced nuclear responses. The Journal of experimental medicine, 189(9), 1479.