Resource Summary Report

Generated by PRECISE-TBI on Aug 28, 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 PRECISE-TBI .

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.