

Resource Summary Report

Generated by T1D on Sep 22, 2026

B6(SJL)-C1qa^{tm1c(EUCOMM)Wtsi/TennJ}

RRID:IMSR_JAX:031261

Type: Organism

Proper Citation

RRID:IMSR_JAX:031261

Organism Information

URL: <https://www.jax.org/strain/031261>

Proper Citation: RRID:IMSR_JAX:031261

Description: Mus musculus with name B6(SJL)-C1qa^{tm1c(EUCOMM)Wtsi/TennJ} from IMSR.

Species: Mus musculus

Notes: gene symbol note: complement component 1; q subcomponent; alpha polypeptide; mutant strain: C1qa

Affected Gene: complement component 1; q subcomponent; alpha polypeptide

Genomic Alteration: targeted mutation 1c; Wellcome Trust Sanger Institute

Catalog Number: JAX:031261

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6(SJL)-C1qa^{tm1c(EUCOMM)Wtsi/TennJ}

Record Creation Time: 20250513T053821+0000

Record Last Update: 20260919T055005+0000

Ratings and Alerts

No rating or validation information has been found for B6(SJL)-C1qa^{tm1c}(EUCOMM)Wtsi/TennJ.

No alerts have been found for B6(SJL)-C1qa^{tm1c}(EUCOMM)Wtsi/TennJ.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 4 mentions in open access literature.

Listed below are recent publications. The full list is available at [T1D](#).

Scott-Hewitt N, et al. (2024) Microglial-derived C1q integrates into neuronal ribonucleoprotein complexes and impacts protein homeostasis in the aging brain. *Cell*, 187(16), 4193.

Pendse M, et al. (2023) Macrophages regulate gastrointestinal motility through complement component 1q. *eLife*, 12.

Faust TE, et al. (2023) A comparative analysis of microglial inducible Cre lines. *Cell reports*, 42(9), 113031.

Yu Q, et al. (2023) C1q is essential for myelination in the central nervous system (CNS). *iScience*, 26(12), 108518.