

# Resource Summary Report

Generated by [kravitz2](#) on Aug 24, 2026

## B6(SJL)-C1qa<sup>tm1c</sup>(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<sup>tm1c</sup>(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<sup>tm1c</sup>(EUCOMM)Wtsi/TennJ

**Record Creation Time:** 20250513T053821+0000

**Record Last Update:** 20260815T050734+0000

### Ratings and Alerts

No rating or validation information has been found for B6(SJL)-C1qa<sup>tm1c</sup>(EUCOMM)Wtsi/TennJ.

No alerts have been found for B6(SJL)-C1qa<sup>tm1c</sup>(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 [kravitz2](#) .

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.