

Resource Summary Report

Generated by [SPARC SAWG](#) on Jul 30, 2026

B6.129X1-Snap25^{tm1Mcw}/J

RRID:IMSR_JAX:004863

Type: Organism

Proper Citation

RRID:IMSR_JAX:004863

Organism Information

URL: <https://www.jax.org/strain/004863>

Proper Citation: RRID:IMSR_JAX:004863

Description: Mus musculus with name B6.129X1-Snap25^{tm1Mcw}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: synaptosomal-associated protein 25; mutant strain|congenic strain: Snap25

Affected Gene: synaptosomal-associated protein 25

Genomic Alteration: targeted mutation 1; Michael C Wilson

Catalog Number: JAX:004863

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: embryo

Organism Name: B6.129X1-Snap25^{tm1Mcw}/J

Record Creation Time: 20250513T053647+0000

Record Last Update: 20260725T044356+0000

Ratings and Alerts

No rating or validation information has been found for B6.129X1-Snap25^{tm1Mcw}/J.

No alerts have been found for B6.129X1-Snap25^{tm1Mcw}/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Raveendran VA, et al. (2024) SNARE protein SNAP25 regulates the chloride-transporter KCC2 in neurons. iScience, 27(11), 111156.

Tafoya LC, et al. (2008) The role of the t-SNARE SNAP-25 in action potential-dependent calcium signaling and expression in GABAergic and glutamatergic neurons. BMC neuroscience, 9, 105.