

# Resource Summary Report

Generated by ASWG on Aug 12, 2026

## C57BL/6N-Adcyap1r1<sup>tm1a(KOMP)Wtsi</sup>/B07Rbrc

RRID:IMSR\_RBRC05676

Type: Organism

### Proper Citation

RRID:IMSR\_RBRC05676

### Organism Information

**URL:** <https://brc.riken.jp/mus/RBRC05676>

**Proper Citation:** RRID:IMSR\_RBRC05676

**Description:** Mus musculus with name C57BL/6N-Adcyap1r1<sup>tm1a(KOMP)Wtsi</sup>/B07Rbrc from IMSR.

**Species:** Mus musculus

**Synonyms:** C57BL/6N-Adcyap1r1/Rbrc

**Notes:** gene symbol note: adenylate cyclase activating polypeptide 1 receptor 1; mutant strain: Adcyap1r1

**Affected Gene:** adenylate cyclase activating polypeptide 1 receptor 1

**Genomic Alteration:** targeted mutation 1e; Wellcome Trust Sanger Institute

**Catalog Number:** RBRC05676

**Database:** RIKEN BioResource Research Center

**Database Abbreviation:** RBRC

**Availability:** sperm

**Organism Name:** C57BL/6N-Adcyap1r1<sup>tm1a(KOMP)Wtsi</sup>/B07Rbrc

**Record Creation Time:** 20250513T061504+0000

**Record Last Update:** 20260808T054850+0000

### Ratings and Alerts

No rating or validation information has been found for C57BL/6N-Adcyap1r1<sup>tm1a(KOMP)Wtsi</sup>/B07Rbrc.

No alerts have been found for C57BL/6N-Adcyap1r1<sup>tm1a(KOMP)Wtsi</sup>/B07Rbrc.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** RIKEN BioResource Research Center

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## Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Van C, et al. (2021) Targeted deletion of PAC1 receptors in retinal neurons enhances neuron loss and axonopathy in a model of multiple sclerosis and optic neuritis. Neurobiology of disease, 160, 105524.