

Resource Summary Report

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

C57BL/6N-Agtr1a^{tm1Uky}/J

RRID:IMSR_JAX:016211

Type: Organism

Proper Citation

RRID:IMSR_JAX:016211

Organism Information

URL: <https://www.jax.org/strain/016211>

Proper Citation: RRID:IMSR_JAX:016211

Description: Mus musculus with name C57BL/6N-Agtr1a^{tm1Uky}/J from IMSR.

Species: Mus musculus

Synonyms: C57BL/6N-Agtr1a/J

Notes: gene symbol note: angiotensin II receptor; type 1a; coisogenic strain|mutant strain: Agtr1a

Affected Gene: angiotensin II receptor; type 1a

Genomic Alteration: targeted mutation 1; Katherine Adams

Catalog Number: JAX:016211

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: C57BL/6N-Agtr1a^{tm1Uky}/J

Record Creation Time: 20250513T053729+0000

Record Last Update: 20260725T044438+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6N-Agtr1a^{tm1Uky}/J.

No alerts have been found for C57BL/6N-Agtr1a^{tm1Uky/J}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Yu Z, et al. (2023) Central amygdala angiotensin type 1 receptor (Agtr1) expressing neurons contribute to fear extinction. *Neuropharmacology*, 229, 109460.

Hurt RC, et al. (2015) Angiotensin type 1a receptors on corticotropin-releasing factor neurons contribute to the expression of conditioned fear. *Genes, brain, and behavior*, 14(7), 526.

Rateri DL, et al. (2012) Depletion of endothelial or smooth muscle cell-specific angiotensin II type 1a receptors does not influence aortic aneurysms or atherosclerosis in LDL receptor deficient mice. *PloS one*, 7(12), e51483.