

Resource Summary Report

Generated by [kravitz2](#) on Aug 23, 2026

B6.Cg-Arc^{tm1.1Rpa/J}

RRID:IMSR_JAX:033170

Type: Organism

Proper Citation

RRID:IMSR_JAX:033170

Organism Information

URL: <https://www.jax.org/strain/033170>

Proper Citation: RRID:IMSR_JAX:033170

Description: Mus musculus with name B6.Cg-Arc^{tm1.1Rpa/J} from IMSR.

Species: Mus musculus

Notes: gene symbol note: activity regulated cytoskeletal-associated protein; mutant strain|congenic strain: Arc

Affected Gene: activity regulated cytoskeletal-associated protein

Genomic Alteration: targeted mutation 1.1; Richard D Palmiter

Catalog Number: JAX:033170

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.Cg-Arc^{tm1.1Rpa/J}

Record Creation Time: 20250513T053833+0000

Record Last Update: 20260815T050743+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-Arc^{tm1.1Rpa/J}.

No alerts have been found for B6.Cg-Arc^{tm1.1Rpa/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 [kravitz2](#) .

Tyagi M, et al. (2026) Arc mediates intercellular tau transmission via extracellular vesicles. Cell, 189(15), 4706.

Jenks KR, et al. (2020) Experience-Dependent Development and Maintenance of Binocular Neurons in the Mouse Visual Cortex. Cell reports, 30(6), 1982.