

# Resource Summary Report

Generated by [NIF](#) on Aug 19, 2026

## CBACaJ;129S-Chrna9<sup>tm1Bedv</sup>/J

RRID:IMSR\_JAX:005696

Type: Organism

### Proper Citation

RRID:IMSR\_JAX:005696

### Organism Information

**URL:** <https://www.jax.org/strain/005696>

**Proper Citation:** RRID:IMSR\_JAX:005696

**Description:** Mus musculus with name CBACaJ;129S-Chrna9<sup>tm1Bedv</sup>/J from IMSR.

**Species:** Mus musculus

**Synonyms:** CBACaJ;129S-Chrna9/J

**Notes:** gene symbol note: cholinergic receptor; nicotinic; alpha polypeptide 9; mutant stock: Chrna9

**Affected Gene:** cholinergic receptor; nicotinic; alpha polypeptide 9

**Genomic Alteration:** targeted mutation 1; Belen Elgoyhen and Douglas E Vetter

**Catalog Number:** JAX:005696

**Database:** JAX Mice and Services

**Database Abbreviation:** JAX

**Availability:** sperm

**Organism Name:** CBACaJ;129S-Chrna9<sup>tm1Bedv</sup>/J

**Record Creation Time:** 20250513T053651+0000

**Record Last Update:** 20260815T050600+0000

### Ratings and Alerts

No rating or validation information has been found for CBACaJ;129S-Chrna9<sup>tm1Bedv</sup>/J.

No alerts have been found for CBACaJ;129S-Chrna9<sup>tm1Bedv</sup>/J.

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## Data and Source Information

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

**Source Database:** JAX Mice and Services

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## Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Jagdmann S, et al. (2020) Impact of Key Nicotinic AChR Subunits on Post-Stroke Pneumococcal Pneumonia. *Vaccines*, 8(2).

Poppi LA, et al. (2018) ACh-induced hyperpolarization and decreased resistance in mammalian type II vestibular hair cells. *Journal of neurophysiology*, 119(1), 312.

Lauer AM, et al. (2017) Minimal Effects of Age and Exposure to a Noisy Environment on Hearing in Alpha9 Nicotinic Receptor Knockout Mice. *Frontiers in neuroscience*, 11, 304.