Resource Summary Report

Generated by NIF on Aug 26, 2026

CBACaJ;129S-Chrna9^{tm1Bedv}/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^{tm1Bedv}/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^{tm1Bedv}/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^{tm1Bedv}/J.

No alerts have been found for CBACaJ;129S-Chrna9^{tm1Bedv}/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 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.