

Resource Summary Report

Generated by SPARC SAWG on Aug 9, 2026

C57BL/6NTac-Cacna1a^{em1(IMPC)}H/H

RRID:IMSR_EM:12442

Type: Organism

Proper Citation

RRID:IMSR_EM:12442

Organism Information

URL: <https://www.infrafrontier.eu/emma/strain-details/?q=12442>

Proper Citation: RRID:IMSR_EM:12442

Description: Mus musculus with name C57BL/6NTac-Cacna1a^{em1(IMPC)}H/H from IMSR.

Species: Mus musculus

Synonyms: C57BL/6N-Cacna1a/H

Notes: gene symbol note: calcium channel; voltage-dependent; P/Q type; alpha 1A subunit; mutant strain: Cacna1a

Affected Gene: calcium channel; voltage-dependent; P/Q type; alpha 1A subunit

Genomic Alteration: endonuclease-mediated mutation 1; Harwell

Catalog Number: EM:12442

Database: European Mouse Mutant Archive

Database Abbreviation: EMMA

Availability: sperm

Alternate IDs: MGI:6407775, IMSR_HAR:8978

Organism Name: C57BL/6NTac-Cacna1a^{em1(IMPC)}H/H

Record Creation Time: 20250513T062312+0000

Record Last Update: 20260808T055818+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6NTac-Cacna1a^{em1(IMPC)}H/H.

No alerts have been found for C57BL/6NTac-Cacna1a^{em1(IMPC)}H/H.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: European Mouse Mutant Archive

Usage and Citation Metrics

We have not found any literature mentions for this resource.