Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 6, 2024

B6;FVB-Snca^{em1Mwcr}/J

RRID:IMSR_JAX:036763
Type: Organism

Proper Citation

RRID:IMSR_JAX:036763

Organism Information

URL: https://www.jax.org/strain/036763

Proper Citation: RRID:IMSR_JAX:036763

Description: Mus musculus with name B6;FVB-Snca^{em1Mwcr}/J from IMSR.

Species: Mus musculus

Synonyms: B6.FVB-Snca/J

Notes: gene symbol note: synuclein; alpha; mutant stock: Snca

Affected Gene: synuclein; alpha

Genomic Alteration: endonuclease-mediated mutation 1; Maxime Rousseaux

Catalog Number: JAX:036763

Database: International Mouse Resource Center IMSR, JAX

Database Abbreviation: IMSR

Availability: sperm

Organism Name: B6;FVB-Snca^{em1Mwcr}/J

Ratings and Alerts

No rating or validation information has been found for B6;FVB-Snca^{em1Mwcr}/J.

No alerts have been found for B6;FVB-Snca^{em1Mwcr}/J.

Data and Source Information

Source: Integrated Animals

Source Database: International Mouse Resource Center IMSR, JAX

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Geertsma HM, et al. (2024) A topographical atlas of ?-synuclein dosage and cell type-specific expression in adult mouse brain and peripheral organs. NPJ Parkinson's disease, 10(1), 65.

Geertsma HM, et al. (2022) Constitutive nuclear accumulation of endogenous alpha-synuclein in mice causes motor impairment and cortical dysfunction, independent of protein aggregation. Human molecular genetics, 31(21), 3613.

Chen L, et al. (2022) Synaptic location is a determinant of the detrimental effects of ?-synuclein pathology to glutamatergic transmission in the basolateral amygdala. eLife, 11.