

Resource Summary Report

Generated by [RRID](#) on Jul 30, 2026

FVB;129S6-Snca^{tm1Nbm} Tg(SNCA)1Nbm/J

RRID:IMSR_JAX:010710

Type: Organism

Proper Citation

RRID:IMSR_JAX:010710

Organism Information

URL: <https://www.jax.org/strain/010710>

Proper Citation: RRID:IMSR_JAX:010710

Description: Mus musculus with name FVB;129S6-Snca^{tm1Nbm} Tg(SNCA)1Nbm/J from IMSR.

Species: Mus musculus

Synonyms: PAC-Tg(SNCAWT);Snca-/-

Notes: gene symbol note: synuclein; alpha|synuclein alpha|transgene insertion 1; Robert L Nussbaum; mutant stock: Snca|SNCA|Tg(SNCA)1Nbm

Affected Gene: synuclein; alpha|synuclein alpha|transgene insertion 1; Robert L Nussbaum

Genomic Alteration: targeted mutation 1; Robert L Nussbaum|transgene insertion 1; Robert L Nussbaum

Catalog Number: JAX:010710

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: FVB;129S6-Snca^{tm1Nbm} Tg(SNCA)1Nbm/J

Record Creation Time: 20250513T053717+0000

Record Last Update: 20260725T044427+0000

Ratings and Alerts

No rating or validation information has been found for FVB;129S6-Snca^{tm1Nbm} Tg(SNCA)1Nbm/J.

No alerts have been found for FVB;129S6-Snca^{tm1Nbm} Tg(SNCA)1Nbm/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 [RRID](#) .

Mercado G, et al. (2024) Chronic urinary tract infections cause persistent microglial changes in a humanized α -synuclein mouse model. *Journal of Parkinson's disease*, 14(8), 1559.

Migdalska-Richards A, et al. (2016) Ambroxol effects in glucocerebrosidase and α -synuclein transgenic mice. *Annals of neurology*, 80(5), 766.

Bernis ME, et al. (2015) Prion-like propagation of human brain-derived alpha-synuclein in transgenic mice expressing human wild-type alpha-synuclein. *Acta neuropathologica communications*, 3, 75.