

Resource Summary Report

Generated by [kravitz2](#) on Jul 31, 2026

B6.Cg-Tg(SNCA)OVX37Rwm Snca^{tm1Rosl}/J

RRID:IMSR_JAX:023837

Type: Organism

Proper Citation

RRID:IMSR_JAX:023837

Organism Information

URL: <https://www.jax.org/strain/023837>

Proper Citation: RRID:IMSR_JAX:023837

Description: Mus musculus with name B6.Cg-Tg(SNCA)OVX37Rwm Snca^{tm1Rosl}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: synuclein; alpha|transgene insertion OVX37; Richard Wade-Martins|synuclein alpha; mutant strain|congenic strain: Snca|Tg(SNCA)OVX37Rwm|SNCA

Affected Gene: synuclein; alpha|transgene insertion OVX37; Richard Wade-Martins|synuclein alpha

Genomic Alteration: targeted mutation 1; Arnon Rosenthal|transgene insertion OVX37; Richard Wade-Martins

Catalog Number: JAX:023837

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: B6.Cg-Tg(SNCA)OVX37Rwm Snca^{tm1Rosl}/J

Record Creation Time: 20250513T053749+0000

Record Last Update: 20260725T044456+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-Tg(SNCA)OVX37Rwm Snca^{tm1Rosl/J}.

No alerts have been found for B6.Cg-Tg(SNCA)OVX37Rwm Snca^{tm1Rosl/J}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 4 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Mahul-Mellier AL, et al. (2025) Differential role of C-terminal truncations on alpha-synuclein pathology and Lewy body formation. NPJ Parkinson's disease, 11(1), 261.

Brimblecombe KR, et al. (2024) Inhibition of striatal dopamine release by the L-type calcium channel inhibitor isradipine co-varies with risk factors for Parkinson's. The European journal of neuroscience, 59(6), 1242.

Kilfeather P, et al. (2024) Single-cell spatial transcriptomic and translatomic profiling of dopaminergic neurons in health, aging, and disease. Cell reports, 43(3), 113784.

Wang H, et al. (2023) C/EBP β /AEP is age-dependently activated in Parkinson's disease and mediates α -synuclein in the gut and brain. NPJ Parkinson's disease, 9(1), 1.