

Resource Summary Report

Generated by [RRID](#) on Aug 3, 2026

STOCK *Gba1^{tm1Rlp} Snca^{tm1Nbm}* Tg(SNCA)1Nbm/Mmjax

RRID:MMRRC_037801-JAX

Type: Organism

Proper Citation

RRID:MMRRC_037801-JAX

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=37801

Proper Citation: RRID:MMRRC_037801-JAX

Description: Mus musculus with name STOCK *Gba1^{tm1Rlp} Snca^{tm1Nbm}*
Tg(SNCA)1Nbm/Mmjax from MMRRC.

Species: Mus musculus

Notes: Research areas: Models for Human Disease, Neurobiology; Mutation Type:
Targeted Mutation ; Collection:

Phenotype: enlarged liver [MP:0000599]| reddish skin [MP:0001190]| wrinkled skin [MP:0001211]| hyperkeratosis [MP:0001242]| decreased body weight [MP:0001262]| postnatal lethality [MP:0002082]| increased liver weight [MP:0002981]| increased spleen weight [MP:0004952]| postnatal lethality [MP:0011085]| kyphosis [MP:0000160]| weakness [MP:0000746]| abnormal hippocampus morphology [MP:0000807]| abnormal spinal nerve morphology [MP:0001077]| weight loss [MP:0001263]| hypoactivity [MP:0001402]| impaired coordination [MP:0001405]| abnormal gait [MP:0001406]| short stride length [MP:0001407]| abnormal posture [MP:0001504]| abnormal digestive system physiology [MP:0001663]| abnormal reflex [MP:0001961]| abnormal motor capabilities/coordination/movement [MP:0002066]| premature death [MP:0002083]| gliosis [MP:0002183]| abnormal male preputial gland morphology [MP:0002717]| abnormal ventral spinal root morphology [MP:0003993]| neuronal intranuclear inclusions [MP:0004191]| abnormal spinal cord ventral horn morphology [MP:0005112]| abnormal axon morphology [MP:0005404]| axon degeneration [MP:0005405]| abnormal intestinal transit time [MP:0006001]| abnormal large intestinal transit time [MP:0006003]| slow postnatal weight gain [MP:0008489]| alpha-synuclein inclusion body [MP:0008493]

Affected Gene: *Gba1*||*Snca*||SNCA|

Catalog Number: 037801-JAX

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:25351739](#)

Alternate IDs: MMRRC_37801-JAX, MMRRC_037801, MMRRC_3781

Organism Name: STOCK *Gba1^{tm1Rlp} Snca^{tm1Nbm}* Tg(SNCA)1Nbm/Mmjax

Record Creation Time: 20230308T055153+0000

Record Last Update: 20260801T124407+0000

Ratings and Alerts

No rating or validation information has been found for STOCK *Gba1^{tm1Rlp} Snca^{tm1Nbm}* Tg(SNCA)1Nbm/Mmjax.

No alerts have been found for STOCK *Gba1^{tm1Rlp} Snca^{tm1Nbm}* Tg(SNCA)1Nbm/Mmjax.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Mutant Mouse Resource and Research Center (MMRRC)

Usage and Citation Metrics

We have not found any literature mentions for this resource.