

Resource Summary Report

Generated by [NIF](#) on Aug 27, 2026

C57BL/6J-Tbk1^{em3Lutzy/1J}

RRID:IMSR_JAX:027080

Type: Organism

Proper Citation

RRID:IMSR_JAX:027080

Organism Information

URL: <https://www.jax.org/strain/027080>

Proper Citation: RRID:IMSR_JAX:027080

Description: Mus musculus with name C57BL/6J-Tbk1^{em3Lutzy/1J} from IMSR.

Species: Mus musculus

Notes: gene symbol note: TANK-binding kinase 1; coisogenic strain|mutant strain: Tbk1

Affected Gene: TANK-binding kinase 1

Genomic Alteration: endonuclease-mediated mutation 3; Cathy Lutz

Catalog Number: JAX:027080

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: C57BL/6J-Tbk1^{em3Lutzy/1J}

Record Creation Time: 20250513T053759+0000

Record Last Update: 20260815T050712+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6J-Tbk1^{em3Lutzy/1J}.

No alerts have been found for C57BL/6J-Tbk1^{em3Lutzy/1J}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Gerbino V, et al. (2020) The Loss of TBK1 Kinase Activity in Motor Neurons or in All Cell Types Differentially Impacts ALS Disease Progression in SOD1 Mice. Neuron, 106(5), 789.