

Resource Summary Report

Generated by [NIF](#) on Sep 9, 2026

129-Comt^{tm1(COMT)}Xzho/J

RRID:IMSR_JAX:027990

Type: Organism

Proper Citation

RRID:IMSR_JAX:027990

Organism Information

URL: <https://www.jax.org/strain/027990>

Proper Citation: RRID:IMSR_JAX:027990

Description: Mus musculus with name 129-Comt^{tm1(COMT)}Xzho/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: catechol-O-methyltransferase; coisogenic strain|mutant strain: Comt|COMT

Affected Gene: catechol-O-methyltransferase

Genomic Alteration: targeted mutation 1; Xianjin Zhou

Catalog Number: JAX:027990

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: 129-Comt^{tm1(COMT)}Xzho/J

Record Creation Time: 20250513T053802+0000

Record Last Update: 20260905T044540+0000

Ratings and Alerts

No rating or validation information has been found for 129-Comt^{tm1(COMT)}Xzho/J.

No alerts have been found for 129-Comt^{tm1(COMT)}Xzho/J.

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](#) .

Risbrough V, et al. (2014) Generation and characterization of humanized mice carrying COMT158 Met/Val alleles. Neuropsychopharmacology : official publication of the American College of Neuropsychopharmacology, 39(8), 1823.