

Resource Summary Report

Generated by [NIF](#) on Aug 2, 2026

B6:129S5-Mto1^{Gt(OST444607)}Lex

RRID:IMSR_TAC:TF2551

Type: Organism

Proper Citation

RRID:IMSR_TAC:TF2551

Organism Information

URL: <https://www.taconic.com/knockout-mouse/mto1-trapped>

Proper Citation: RRID:IMSR_TAC:TF2551

Description: Mus musculus with name B6:129S5-Mto1^{Gt(OST444607)}Lex from IMSR.

Species: Mus musculus

Notes: gene symbol note: mitochondrial tRNA translation optimization 1; mutant strain: Mto1

Affected Gene: mitochondrial tRNA translation optimization 1

Genomic Alteration: gene trap OST444607; Lexicon Genetics

Catalog Number: TAC:TF2551

Database: Taconic Biosciences

Database Abbreviation: TAC

Availability: archived

Organism Name: B6:129S5-Mto1^{Gt(OST444607)}Lex

Record Creation Time: 20250513T053541+0000

Record Last Update: 20260801T050236+0000

Ratings and Alerts

No rating or validation information has been found for B6:129S5-Mto1^{Gt(OST444607)}Lex.

No alerts have been found for B6:129S5-Mto1^{Gt(OST444607)}Lex.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Taconic Biosciences

Usage and Citation Metrics

We have not found any literature mentions for this resource.