

Resource Summary Report

Generated by [kravitz2](#) on Sep 15, 2026

B6.Cg-Tg(Mt1-RET)304Ina Tg(Dct-LacZ)A12Jkn/Rbrc

RRID:IMSR_RBRC05944

Type: Organism

Proper Citation

RRID:IMSR_RBRC05944

Organism Information

URL: <https://brc.riken.jp/mus/RBRC05944>

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Description: Mus musculus with name B6.Cg-Tg(Mt1-RET)304Ina Tg(Dct-LacZ)A12Jkn/Rbrc from IMSR.

Species: Mus musculus

Synonyms: B6.Cg-Tg(Dct-lacZ)A12Jkn Tg(Mt1-RET)304Ina/Rbrc

Notes: gene symbol note: transgene insertion 304; Izumi Nakashima|metallothionein 1|dopachrome tautomerase|beta-galactosidase|ret proto-oncogene|transgene insertion A12; Ian Jackson; mutant strain: Tg(Mt1-RET)304Ina|Mt1|Dct|lacZ|RET|Tg(Dct-LacZ)A12Jkn

Affected Gene: transgene insertion 304; Izumi Nakashima|metallothionein 1|dopachrome tautomerase|beta-galactosidase|ret proto-oncogene|transgene insertion A12; Ian Jackson

Genomic Alteration: transgene insertion 304; Izumi Nakashima|metallothionein 1|dopachrome tautomerase|beta-galactosidase|ret proto-oncogene|transgene insertion A12; Ian Jackson

Catalog Number: RBRC05944

Database: RIKEN BioResource Research Center

Database Abbreviation: RBRC

Availability: embryo

Organism Name: B6.Cg-Tg(Mt1-RET)304Ina Tg(Dct-LacZ)A12Jkn/Rbrc

Record Creation Time: 20250513T061506+0000

Record Last Update: 20260912T064326+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-Tg(Mt1-RET)304Ina Tg(Dct-LacZ)A12Jkn/Rbrc.

No alerts have been found for B6.Cg-Tg(Mt1-RET)304Ina Tg(Dct-LacZ)A12Jkn/Rbrc.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: RIKEN BioResource Research Center

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Ishiyama S, et al. (2017) Structure of the Dnmt1 Reader Module Complexed with a Unique Two-Mono-Ubiquitin Mark on Histone H3 Reveals the Basis for DNA Methylation Maintenance. Molecular cell, 68(2), 350.