

Resource Summary Report

Generated by [NIF](#) on Aug 29, 2026

[Ret^{tm1Mat}/Ret^{tm1Mat}](#)

RRID:MGI:3055375

Type: Organism

Proper Citation

RRID:MGI:3055375

Organism Information

URL:

Proper Citation: RRID:MGI:3055375

Description: Allele Detail: Targeted This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Targeted This is a legacy resource.

Phenotype: decreased kidney weight, abnormal small intestine morphology, kidney cysts, postnatal growth retardation, abnormal ureteric bud morphology, postnatal lethality, complete penetrance, abnormal colon morphology, abnormal enteric ganglia morphology, abnormal enteric nervous system morphology, distended abdomen

Affected Gene: Ret

Genomic Alteration: tm1Mat

Catalog Number: 3055375

Background: involves: 129X1/SvJ * C57BL/6J

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:15340065](#)

Organism Name: Ret^{tm1Mat}/Ret^{tm1Mat}

Record Creation Time: 20240120T190649+0000

Record Last Update: 20240130T202033+0000

Ratings and Alerts

No rating or validation information has been found for Ret^{tm1Mat}/Ret^{tm1Mat}.

No alerts have been found for Ret^{tm1Mat}/Ret^{tm1Mat}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We have not found any literature mentions for this resource.