

Resource Summary Report

Generated by [NIF](#) on Sep 21, 2026

[Ubb^{tm1Rrk}](#)/[Ubb^{tm1Rrk}](#)

RRID:MGI:3777944

Type: Organism

Proper Citation

RRID:MGI:3777944

Organism Information

URL:

Proper Citation: RRID:MGI:3777944

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

Species: Mus musculus

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

Phenotype: female infertility, increased circulating leptin level, neuron degeneration, increased total body fat amount, decreased compensatory feeding amount, abnormal hypothalamus morphology, abnormal energy homeostasis, postnatal growth retardation, increased susceptibility to age related obesity, decreased body length, decreased body size, decreased oocyte number, decreased male germ cell number, decreased corpora lutea number, decreased ovary weight, male infertility, small ovary, arrest of male meiosis, small seminiferous tubules, thin zona pellucida, testicular atrophy, abnormal ovulation, small testis, abnormal gametogenesis, abnormal secondary ovarian follicle morphology, testis degeneration, abnormal female meiosis, decreased mature ovarian follicle number, abnormal oocyte morphology

Affected Gene: Ubb

Genomic Alteration: tm1Rrk

Catalog Number: 3777944

Background: involves: 129S1/Sv * 129X1/SvJ * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:18070917](#), [PMID:18299572](#)

Organism Name: Ubb^{tm1Rrk}/Ubb^{tm1Rrk}

Record Creation Time: 20240120T190443+0000

Record Last Update: 20240130T201951+0000

Ratings and Alerts

No rating or validation information has been found for Ubb^{tm1Rrk}/Ubb^{tm1Rrk}.

No alerts have been found for Ubb^{tm1Rrk}/Ubb^{tm1Rrk}.

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.