

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 10, 2026

[Rb1^{tm1Tyj}/Rb1^{tm1Tyj}; Tg\(Rb1\)1Blg](#)

RRID:MGI:3699732

Type: Organism

Proper Citation

RRID:MGI:3699732

Organism Information

URL:

Proper Citation: RRID:MGI:3699732

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

Species: Mus musculus

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

Phenotype: increased apoptosis, abnormal vestibular hair cell morphology, increased organ of Corti supporting cell number, decreased skeletal muscle mass, increased cochlear outer hair cell number, increased cochlear inner hair cell number, increased mitotic index, hunched posture, abnormal utricular macula morphology, abnormal vestibular hair cell stereociliary bundle morphology, abnormal skeletal muscle morphology, increased apoptosis, abnormal stationary movement, abnormal myogenesis, abnormal erythropoiesis, abnormal lens development, abnormal organ of Corti morphology, increased cochlear hair cell number, polyploidy, increased vestibular hair cell number, abnormal lens fiber morphology, abnormal spine curvature, decreased skeletal muscle fiber density, perinatal lethality, complete penetrance, nervous system phenotype, abnormal skeletal muscle fiber morphology

Affected Gene: Rb1

Genomic Alteration: Tg(Rb1)1Blg, tm1Tyj

Catalog Number: 3699732

Background: involves: 129S2/SvPas * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:8957005](#), [PMID:15843406](#)

Organism Name: Rb1^{tm1Tyj}/Rb1^{tm1Tyj}; Tg(Rb1)1Blg

Record Creation Time: 20240120T190530+0000

Record Last Update: 20240130T202029+0000

Ratings and Alerts

No rating or validation information has been found for Rb1^{tm1Tyj}/Rb1^{tm1Tyj}; Tg(Rb1)1Blg.

No alerts have been found for Rb1^{tm1Tyj}/Rb1^{tm1Tyj}; Tg(Rb1)1Blg.

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.