

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 4, 2026

[Rbl2^{tm1Tyj}/Rbl2^{tm1Tyj}](#); [Rbl1^{tm1Tyj}/Rbl1^{tm1Tyj}](#)

RRID:MGI:3582621

Type: Organism

Proper Citation

RRID:MGI:3582621

Organism Information

URL:

Proper Citation: RRID:MGI:3582621

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

Species: Mus musculus

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

Phenotype: perinatal lethality, incomplete penetrance, delayed emergence of vibrissae, abnormal hair cycle, small incisors, enlarged sebaceous gland, abnormal hair follicle orientation, abnormal hair follicle development, abnormal guard hair morphology, abnormal keratinocyte differentiation, abnormal epidermis stratum granulosum morphology, decreased hair follicle number, underdeveloped hair follicles, abnormal awl hair morphology, parakeratosis, epidermal hyperplasia, abnormal tooth development, absent incisors, abnormal zigzag hair morphology, apnea, neonatal lethality, complete penetrance, abnormal breathing pattern, abnormal tracheal cartilage morphology, distended abdomen, short snout, short limbs, decreased body size, decreased fetal size, abnormal rib development, abnormal supraoccipital bone morphology, delayed endochondral bone ossification, abnormal humerus morphology, abnormal forelimb morphology, short ulna, short radius, abnormal long bone epiphyseal plate morphology, small thoracic cage, short humerus, interparietal bone hypoplasia, increased diameter of ulna, increased diameter of radius, abnormal craniofacial bone morphology, abnormal limb bone morphology, increased diameter of humerus, abnormal chondrocyte morphology, increased width of hypertrophic chondrocyte zone, abnormal long bone epiphyseal plate proliferative zone

Affected Gene: Rbl1, Rbl2

Genomic Alteration: tm1Tyj

Catalog Number: 3582621

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:8682294](#), [PMID:12702649](#)

Organism Name: Rbl2^{tm1Tyj}/Rbl2^{tm1Tyj}; Rbl1^{tm1Tyj}/Rbl1^{tm1Tyj}

Record Creation Time: 20240120T190627+0000

Record Last Update: 20240130T202021+0000

Ratings and Alerts

No rating or validation information has been found for Rbl2^{tm1Tyj}/Rbl2^{tm1Tyj}; Rbl1^{tm1Tyj}/Rbl1^{tm1Tyj}.

No alerts have been found for Rbl2^{tm1Tyj}/Rbl2^{tm1Tyj}; Rbl1^{tm1Tyj}/Rbl1^{tm1Tyj}.

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.