

Resource Summary Report

Generated by [NIF](#) on Aug 14, 2026

[Satb2^{tm1Rug}/Satb2^{tm1Rug}](#)

RRID:MGI:3696453

Type: Organism

Proper Citation

RRID:MGI:3696453

Organism Information

URL:

Proper Citation: RRID:MGI:3696453

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

Species: Mus musculus

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

Phenotype: abnormal hyoid bone morphology, abnormal hyoid bone lesser horn morphology, absent thyroid cartilage, micrognathia, cleft secondary palate, cleft upper lip, abnormal first pharyngeal arch morphology, abnormal bone structure, abnormal palate morphology, abnormal premaxilla morphology, abnormal cranium morphology, short mandible, decreased tongue size, impaired osteoblast differentiation, abnormal temporal bone morphology, absent lower incisors, abnormal bone ossification, abnormal nasal bone morphology, abnormal trabecular bone morphology, abnormal maxilla morphology, abnormal frontal bone morphology, abnormal hindlimb morphology, palatal shelves fail to meet at midline, abnormal bone mineralization, perinatal lethality, complete penetrance, abnormal hyoid bone body morphology, abnormal mandible morphology, short maxilla

Affected Gene: Satb2

Genomic Alteration: tm1Rug

Catalog Number: 3696453

Background: Not Specified

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:16751105](#)

Organism Name: Satb2^{tm1Rug}/Satb2^{tm1Rug}

Record Creation Time: 20240120T190534+0000

Record Last Update: 20240130T201950+0000

Ratings and Alerts

No rating or validation information has been found for Satb2^{tm1Rug}/Satb2^{tm1Rug}.

No alerts have been found for Satb2^{tm1Rug}/Satb2^{tm1Rug}.

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.