

Resource Summary Report

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

[Trps1^{tm1Ymur}/Trps1^{tm1Ymur}](#)

RRID:MGI:3772167

Type: Organism

Proper Citation

RRID:MGI:3772167

Organism Information

URL:

Proper Citation: RRID:MGI:3772167

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

Species: Mus musculus

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

Phenotype: cyanosis, split sternum, neonatal lethality, complete penetrance, disproportionate dwarf, abnormal sternum ossification, abnormal trachea morphology, thick pulmonary interalveolar septum, abnormal bone ossification, abnormal kidney interstitium morphology, abnormal branching involved in ureteric bud morphogenesis, abnormal kidney development, decreased renal glomerulus number, decreased nephron number, abnormal metanephric mesenchyme morphology, abnormal lung morphology, absent tracheal cartilage rings, abnormal thoracic cage morphology, respiratory distress, increased rib number, short mandible, short maxilla, short sternum, small lung, abnormal chondrocyte morphology, decreased length of long bones, abnormal hair follicle morphology

Affected Gene: Trps1

Genomic Alteration: tm1Ymur

Catalog Number: 3772167

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:17997399](#), [PMID:19820125](#)

Organism Name: Trps1^{tm1Ymur}/Trps1^{tm1Ymur}

Record Creation Time: 20240120T190447+0000

Record Last Update: 20240130T201924+0000

Ratings and Alerts

No rating or validation information has been found for Trps1^{tm1Ymur}/Trps1^{tm1Ymur}.

No alerts have been found for Trps1^{tm1Ymur}/Trps1^{tm1Ymur}.

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.