

Resource Summary Report

Generated by [kravitz2](#) on Aug 22, 2026

[Zbtb20^{tm1Stoy}/Zbtb20^{tm1Stoy}](#)

RRID:MGI:5693950

Type: Organism

Proper Citation

RRID:MGI:5693950

Organism Information

URL:

Proper Citation: RRID:MGI:5693950

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, eye hemorrhage, disheveled coat, hyperactivity, small hippocampus, abnormal Ammon gyrus morphology, abnormal hippocampus CA1 region morphology, abnormal dentate gyrus morphology, abnormal subiculum morphology, decreased dentate gyrus size, premature death, decreased body size, decreased body length

Affected Gene: Zbtb20

Genomic Alteration: tm1Stoy

Catalog Number: 5693950

Background: involves: 129S2/SvPas

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:22689450](#)

Organism Name: Zbtb20^{tm1Stoy}/Zbtb20^{tm1Stoy}

Record Creation Time: 20240120T185934+0000

Record Last Update: 20240130T201621+0000

Ratings and Alerts

No rating or validation information has been found for Zbtb20^{tm1Stoy}/Zbtb20^{tm1Stoy}.

No alerts have been found for Zbtb20^{tm1Stoy}/Zbtb20^{tm1Stoy}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Ripamonti S, et al. (2020) SUMOylation controls the neurodevelopmental function of the transcription factor Zbtb20. Journal of neurochemistry, 154(6), 647.

Daniel JA, et al. (2017) Analysis of SUMO1-conjugation at synapses. eLife, 6.