

Resource Summary Report

Generated by [dkNET](#) on Sep 7, 2026

[Sox10^{tm1Weg}/Sox10⁺; Erbb3^{msp1}/Erbb3^{msp1}](#)

RRID:MGI:3807570

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:3807570

Description: Allele Detail: Chemically induced (ENU), Targeted This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Chemically induced (ENU), Targeted This is a legacy resource.

Phenotype: hypopigmentation, lethality throughout fetal growth and development, incomplete penetrance, preweaning lethality, complete penetrance, embryonic lethality during organogenesis, incomplete penetrance

Affected Gene: Erbb3, Sox10

Genomic Alteration: tm1Weg, msp1

Catalog Number: 3807570

Background: involves: 129S1/Sv * 129X1/SvJ * BALB/cJ * C57BL/6J

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:18773073](#)

Organism Name: Sox10^{tm1Weg}/Sox10⁺; Erbb3^{msp1}/Erbb3^{msp1}

Record Creation Time: 20240120T190420+0000

Record Last Update: 20240130T201908+0000

Ratings and Alerts

No rating or validation information has been found for Sox10^{tm1Weg}/Sox10⁺; Erbb3^{msp1}/Erbb3^{msp1}.

No alerts have been found for Sox10^{tm1Weg}/Sox10⁺; Erbb3^{msp1}/Erbb3^{msp1}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Buac K, et al. (2008) A Sox10 expression screen identifies an amino acid essential for Erbb3 function. PLoS genetics, 4(9), e1000177.