

Resource Summary Report

Generated by [nidm-terms](#) on Aug 10, 2026

SD-*Eml1*^{tish}/Scrb

RRID:RGD_597538479

Type: Organism

Proper Citation

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Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=597538479>

Proper Citation: RRID:RGD_597538479

Description: Rattus norvegicus with name SD-*Eml1*^{tish}/Scrb from RGD.

Species: Rattus norvegicus

Notes: The first tish animals were identified on the basis of postmortem histological analyses during the course of unrelated experiments using a strain of Sprague Dawley rats maintained at the University of Virginia. It is called tish (telencephalic internal structural heterotopia) rat. The brain of this mutant animal exhibits a large region of heterotopic gray matter that is located bilaterally beneath the neocortex. Mild to moderate ventriculomegaly is also observed in most tish animals. A breeding colony was established by identifying living relatives of deceased tish individuals, and then these relatives were screened using magnetic resonance imaging (MRI). The tish is identified recessive to wild type by breeding. The mutation was identified as a 1215 bp deletion in the unannotated exon 1 of *Eml1* genome (Rnor_6.0; ENSRNOG00000043143). University of Virginia, Charlottesville, VA, United States

Catalog Number: 597538479

Background: mutant

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Unknown

Alternate IDs: 597538479

Organism Name: SD-*Eml1*^{tish}/Scrb

Record Creation Time: 20250225T002831+0000

Record Last Update: 20260808T193752+0000

Ratings and Alerts

No rating or validation information has been found for SD-*Em1^{tish}*/Scrb.

No alerts have been found for SD-*Em1^{tish}*/Scrb.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Rat Genome Database (RGD)

Usage and Citation Metrics

We have not found any literature mentions for this resource.