

# Resource Summary Report

Generated by [kravitz2](#) on Aug 9, 2026

## SD-*Eml1*<sup>tish</sup>/Scrb

RRID:RGD\_597538479

Type: Organism

### Proper Citation

RRID:RGD\_597538479

### Organism Information

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

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**Description:** Rattus norvegicus with name SD-*Eml1*<sup>tish</sup>/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*<sup>tish</sup>/Scrb

**Record Creation Time:** 20250225T002831+0000

**Record Last Update:** 20260808T193752+0000

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## Ratings and Alerts

No rating or validation information has been found for SD-*Em1<sup>tish</sup>*/Scrb.

No alerts have been found for SD-*Em1<sup>tish</sup>*/Scrb.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** Rat Genome Database (RGD)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.