

Resource Summary Report

Generated by [dkNET](#) on Sep 10, 2026

SHR-Zbtb16^{em1lpcv+/-}

RRID:RGD_126848794

Type: Organism

Proper Citation

RRID:RGD_126848794

Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=126848794>

Proper Citation: RRID:RGD_126848794

Description: Rattus norvegicus with name SHR-Zbtb16^{em1lpcv+/-} from RGD.

Species: Rattus norvegicus

Notes: TALEN was used to target Zbtb16 (Plzf) in the SHR and one founder with a deletion of G at position 93 of the coding sequence (c.93delG) was identified. That deletion resulted in a frameshift downstream glycine 31 (p.Gly31fs). The frameshift mutation caused the incorporation of 20 aberrant amino acids downstream of the deleted G, followed by a stop codon. The founder was bred with SHR to generate more heterozygous animals. The homozygous animals die perinatally because of multiple developmental abnormalities.

Catalog Number: 126848794

Background: mutant

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Unknown

Alternate IDs: 126848794

Organism Name: SHR-Zbtb16^{em1lpcv+/-}

Record Creation Time: 20230509T191951+0000

Record Last Update: 20260905T135243+0000

Ratings and Alerts

No rating or validation information has been found for SHR-*Zbtb16*^{em1pcv+/-}.

No alerts have been found for SHR-*Zbtb16*^{em1pcv+/-}.

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.