

Resource Summary Report

Generated by SPARC SAWG on Aug 10, 2026

SD-Tspo^{em1Vpl}

RRID:RGD_150429828

Type: Organism

Proper Citation

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Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=150429828>

Proper Citation: RRID:RGD_150429828

Description: Rattus norvegicus with name SD-Tspo^{em1Vpl} from RGD.

Species: Rattus norvegicus

Notes: Tspo-targeted genome editing in Sprague Dawley rats embryos by microinjecting with optimized and customized ZFNs designed for targeted gene KO. Locus-specific PCR was performed to identify Rat5 founders using the following primer pairs: CKOZFN-F: 50-AGAGCATACTCTTGCCGTCG-30 and CKOZFN-R:50-ACTCCTAAAGGGGTTGCAGG-30; Normal PCRs generated 362 bp for the WT and 273 bp for the mutant,(89 bp deletion).

Catalog Number: 150429828

Background: mutant

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Unknown

Alternate IDs: 150429828

Organism Name: SD-Tspo^{em1Vpl}

Record Creation Time: 20230509T191951+0000

Record Last Update: 20260808T193749+0000

Ratings and Alerts

No rating or validation information has been found for SD-*Tspo*^{em1Vpl}.

No alerts have been found for SD-*Tspo*^{em1Vpl}.

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.