

Resource Summary Report

Generated by [dkNET](#) on Sep 3, 2026

SD-Tspo^{em2Vpl}

RRID:RGD_150429830

Type: Organism

Proper Citation

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Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=150429830>

Proper Citation: RRID:RGD_150429830

Description: Rattus norvegicus with name SD-Tspo^{em2Vpl} 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 Rat7 founders using the following primer pairs: COMPOZr-1kbF: 50-CCTGGATATGCTGTGTCCCC-30 and COMPOZr-1kbR: 50-TGATGGGTCATTTGTGCCCT-30.; Normal PCRs generated 818 bp for WT and 652 bp for the mutant (166 bp deletion).

Catalog Number: 150429830

Background: mutant

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Unknown

Alternate IDs: 150429830

Organism Name: SD-Tspo^{em2Vpl}

Record Creation Time: 20230509T191950+0000

Record Last Update: 20260829T184955+0000

Ratings and Alerts

No rating or validation information has been found for SD-*Tspo^{em2Vpl}*.

No alerts have been found for SD-*Tspo^{em2Vpl}*.

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.