

Resource Summary Report

Generated by [dkNET](#) on Sep 11, 2026

SD-Pbk^{em1Dfult}

RRID:RGD_598092510

Type: Organism

Proper Citation

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Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=598092510>

Proper Citation: RRID:RGD_598092510

Description: Rattus norvegicus with name SD-Pbk^{em1Dfult} from RGD.

Species: Rattus norvegicus

Notes: we used CRISPR-Cas9 technology to generate a PBK KO rat. Cas9 editing of exon 4 in the rat PBK gene resulted in the insertion of a single "T" resulting in a frame shift and premature termination of the PBK protein. PMCID: PMC11650665 Availability Contact Email: dfulton@augusta.edu at Augusta University

Catalog Number: 598092510

Background: mutant

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Live Animals; Cryopreserved Sperm (as of 2025-03-21)

Alternate IDs: 598092510

Organism Name: SD-Pbk^{em1Dfult}

Record Creation Time: 20250416T090752+0000

Record Last Update: 20260905T135246+0000

Ratings and Alerts

No rating or validation information has been found for SD-*Pbk^{em1D}*full.

No alerts have been found for SD-*Pbk^{em1D}*full.

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.