

Resource Summary Report

Generated by PRECISE-TBI on Aug 8, 2026

PCK-P2rx7^{em8Mcwi}

RRID:RGD_12790679

Type: Organism

Proper Citation

RRID:RGD_12790679

Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=12790679>

Proper Citation: RRID:RGD_12790679

Description: Rattus norvegicus with name PCK-P2rx7^{em8Mcwi} from RGD.

Species: Rattus norvegicus

Notes: CRISPR/Cas9 system was used to introduce a mutation in the P2rx7 gene of PCK/CrljCrl-Pkhd1pck/Crl rat embryos. The resulting mutation is a 1-bp insertion in Exon 2 of the P2rx7 gene. Contact MCW rat distribution at mcwcustomrats@mcw.edu

Catalog Number: 12790679

Background: mutant

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Cryopreserved Sperm (as of 2021-11-03)

Alternate IDs: 12790679

Organism Name: PCK-P2rx7^{em8Mcwi}

Record Creation Time: 20230509T191947+0000

Record Last Update: 20260808T193743+0000

Ratings and Alerts

No rating or validation information has been found for PCK-P2rx7^{em8Mcwi}.

No alerts have been found for PCK-*P2rx7^{em8Mcowi}*.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Rat Genome Database (RGD)

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [PRECISE-TBI](#) .

Paka P, et al. (2018) A small molecule fibrokinase inhibitor in a model of fibropolycystic hepatorenal disease. World journal of nephrology, 7(5), 96.