

Resource Summary Report

Generated by [NIF](#) on Sep 23, 2026

PCCL3

RRID:CVCL_6712

Type: Cell Line

Proper Citation

RRID:CVCL_6712

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_6712

Proper Citation: RRID:CVCL_6712

Description: Cell line PCCL3 is a Spontaneously immortalized cell line with a species of origin Rattus norvegicus (Rat)

Sex: Sex unspecified

Defining Citation: [PMID:3670314](#), [PMID:7478522](#)

Category: Spontaneously immortalized cell line

Organism: Rattus norvegicus (Rat)

Name: PCCL3

Synonyms: PC Cl 3, PC Cl3, PCCl3, PCCL-3, PCCL 3

Cross References: BTO:BTO_0003800, EFO:EFO_0022751, BCRJ:0204, Wikidata:Q54938636

ID: CVCL_6712

Record Creation Time: 20220427T221415+0000

Record Last Update: 20260920T005420+0000

Ratings and Alerts

No rating or validation information has been found for PCCL3.

Warning: Discontinued: BCRJ; 0204

Data and Source Information

Source: [CelloSaurus](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Rodrigues-Dos-Santos K, et al. (2025) Unique and Conserved Endoplasmic Reticulum Stress Responses in Neuroendocrine Cells. *Cells*, 14(19).

Rodrigues-Dos-Santos K, et al. (2025) Unique and conserved endoplasmic reticulum stress responses in neuroendocrine cells. *bioRxiv : the preprint server for biology*.

de Almeida DC, et al. (2025) Expression, localization and regulation of NADPH oxidases in pancreatic beta cells. *Redox report : communications in free radical research*, 30(1), 2568300.

Iglesias-Hernandez P, et al. (2025) Impact of nanoplastics on thyroid function: Unraveling cellular biokinetics, molecular mechanisms and human risk assessment. *Journal of hazardous materials*, 498, 139890.

Kurashige T, et al. (2020) Hormonal Regulation of Autophagy in Thyroid PCCL3 Cells and the Thyroids of Male Mice. *Journal of the Endocrine Society*, 4(7), bvaa054.

García-Ibáñez Y, et al. (2020) RAS Subcellular Localization Inversely Regulates Thyroid Tumor Growth and Dissemination. *Cancers*, 12(9).

Kurashige T, et al. (2020) Reevaluation of the Effect of Iodine on Thyroid Cell Survival and Function Using PCCL3 and Nthy-ori 3-1 Cells. *Journal of the Endocrine Society*, 4(11), bvaa146.

Faria M, et al. (2019) Antagonistic effects of RAC1 and tumor-related RAC1b on NIS expression in thyroid. *Journal of molecular endocrinology*, 63(4), 309.