

Resource Summary Report

Generated by [NIF](#) on Sep 20, 2026

KPL-1

RRID:CVCL_2094

Type: Cell Line

Proper Citation

RRID:CVCL_2094

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_2094

Proper Citation: RRID:CVCL_2094

Description: Cell line KPL-1 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Female

Disease: Invasive breast carcinoma of no special type

Defining Citation: [PMID:7710953](#), [PMID:10969801](#), [PMID:15677628](#), [PMID:15767549](#), [PMID:16142302](#), [PMID:18304946](#), [PMID:20143388](#), [PMID:20215515](#), [PMID:22460905](#), [PMID:22585861](#), [PMID:25485619](#), [PMID:26589293](#), [PMID:28889351](#), [PMID:30894373](#), [PMID:31068700](#), [PMID:31978347](#)

Comments: Population: Caucasian., Part of: JFCR45 cancer cell line panel., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE)., Problematic cell line: Contaminated. Shown to be a MCF-7 derivative (PubMed=18304946; PubMed=20143388)..

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: KPL-1

Synonyms: KPL.1, KPL1

Cross References: CLO:CLO_0007118, EFO:EFO_0002221, ArrayExpress:E-MTAB-38, ArrayExpress:E-MTAB-2706, ArrayExpress:E-MTAB-2770, BioGRID_ORCS_Cell_line:612, BioSample:SAMN03151840, BioSample:SAMN03473349, BioSample:SAMN10987693, cancercellines:CVCL_2094, Cell_Model_Passport:SIDM00147, Cosmic:2165023, Cosmic:2750517, DepMap:ACH-

000028, DSMZ:ACC-317, DSMZCellDive:ACC-317, EGA:EGAS00001000610, GEO:GSM217583, GEO:GSM274642, GEO:GSM274643, GEO:GSM344368, GEO:GSM344418, GEO:GSM459707, GEO:GSM459720, GEO:GSM459721, GEO:GSM783974, GEO:GSM887238, GEO:GSM888312, GEO:GSM1374603, IARC_TP53:21443, IGRhCellID:KPL1, LiGeA:CCLE_342, LINCS_LDP:LCL-1483, NCBI_Iran:C643, PharmacnoDB:KPL1_790_2019, Progenetix:CVCL_2094, SLKBase:3568, Wikidata:Q54900436

ID: CVCL_2094

Hierarchy: cvcl_0031

Record Creation Time: 20220427T220708+0000

Record Last Update: 20260920T004314+0000

Ratings and Alerts

No rating or validation information has been found for KPL-1.

Warning: Problematic cell line: Contaminated. Shown to be a MCF-7 derivative (PubMed=18304946; PubMed=20143388).

Registration: International Cell Line Authentication Committee, Register of Misidentified Cell Lines; ICLAC-00325.

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Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Satpathy S, et al. (2025) Integrative analysis of lung adenocarcinoma across diverse ethnicities and exposures. Cancer cell, 43(9), 1731.

Bartkowiak K, et al. (2025) Discovery of a sushi domain-containing protein 2-positive phenotype in circulating tumor cells of metastatic breast cancer patients. Scientific reports, 15(1), 3913.

Boettcher L, et al. (2025) Retinoic acid-induced 2 deficiency impairs genomic stability in breast cancer. Breast cancer research : BCR, 27(1), 137.

Goradia N, et al. (2024) Master corepressor inactivation through multivalent SLiM-induced polymerization mediated by the oncogene suppressor RAI2. *Nature communications*, 15(1), 5241.

Tognetti M, et al. (2021) Deciphering the signaling network of breast cancer improves drug sensitivity prediction. *Cell systems*, 12(5), 401.

Koundouros N, et al. (2020) Metabolic Fingerprinting Links Oncogenic PIK3CA with Enhanced Arachidonic Acid-Derived Eicosanoids. *Cell*, 181(7), 1596.