

Resource Summary Report

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5637

RRID:CVCL_0126

Type: Cell Line

Proper Citation

(RRID:CVCL_0126)

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_0126

Proper Citation: (RRID:CVCL_0126)

Sex: Male

Defining Citation: [PMID:327080](#), [PMID:571047](#), [PMID:833871](#), [PMID:3518877](#), [PMID:6244232](#), [PMID:6582512](#), [PMID:7459858](#), [PMID:7787250](#), [PMID:8873383](#), [PMID:9850064](#), [PMID:11416159](#), [PMID:11921286](#), [PMID:12127398](#), [PMID:15846775](#), [PMID:16885334](#), [PMID:17254797](#), [PMID:20164919](#), [PMID:20215515](#), [PMID:22460905](#), [PMID:23401075](#), [PMID:24035680](#), [PMID:24367658](#), [PMID:24459064](#), [PMID:25997541](#), [PMID:26055179](#), [PMID:26972028](#), [PMID:27141528](#), [PMID:27270441](#), [PMID:27397505](#), [PMID:29732388](#), [PMID:30894373](#), [PMID:31068700](#), [PMID:35839778](#)

Comments: Omics: Transcriptome analysis by RNAseq., Omics: Transcriptome analysis by microarray., Omics: SNP array analysis., Omics: GPI-anchored proteins analysis by proteomics., Omics: DNA methylation analysis., Omics: Deep quantitative proteome analysis., Omics: Deep exome analysis., Omics: CNV analysis., Omics: Array-based CGH., Part of: UBC-40 urothelial bladder cancer cell line index., Part of: ERK genetic alteration cell panel (ATCC TCP-1033)., Part of: COSMIC cell lines project., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE)., Part of: BLA-40 bladder carcinoma cell line panel.

Category: Cancer cell line

Name: 5637

Cross References: BTO:BTO_0003137, CLO:CLO_0001421, CLO:CLO_0050845, EFO:EFO_0002096, MCCL:MCC:0000018, CLDB:cl1, CLDB:cl105, CLDB:cl7118,

AddexBio:C0002001/8, ArrayExpress:E-MTAB-38, ArrayExpress:E-MTAB-783, ArrayExpress:E-MTAB-2770, ArrayExpress:E-MTAB-3610, ATCC:HTB-9, BCRC:60061, BCRJ:0026, BioGRID_ORCS_Cell_line:316, BioSample:SAMN01821610, BioSample:SAMN03472760, BioSample:SAMN03473359, BioSample:SAMN10987658, cancercellines:CVCL_0126, CCRID:1101HUM-PUMC000242, CCRID:3101HUMTCHu01, CCRID:3101HUMTCHu1, Cell_Model_Passport:SIDM00807, ChEMBL-Cells:ChEMBL3308352, ChEMBL-Targets:ChEMBL612565, CLS:300105, Cosmic:687452, Cosmic:715695, Cosmic:760484, Cosmic:845565, Cosmic:846281, Cosmic:928819, Cosmic:943732, Cosmic:1016892, Cosmic:1046675, Cosmic:1093983, Cosmic:1285103, Cosmic:1285998, Cosmic:1927307, Cosmic:2050427, Cosmic:2057434, Cosmic:2301520, Cosmic:2444227, Cosmic:2685930, Cosmic:2700995, Cosmic-CLP:687452, DepMap:ACH-000905, DSMZ:ACC-35, DSMZCellDive:ACC-35, EGA:EGAS00001000978, GDSC:687452, GEO:GSM136228, GEO:GSM142303, GEO:GSM142309, GEO:GSM886840, GEO:GSM887903, GEO:GSM1374370, GEO:GSM1574578, GEO:GSM1669563, IARC_TP53:3717, ICLC:HTL01017, IGRhCellID:5637, KCLB:30009, LiGeA:CCLE_867, LINCS_HMS:50001, LINCS_LDP:LCL-1702, NCBI_Iran:C450, PharmacDB:5637_20_2019, PRIDE:PXD003105, PRIDE:PXD030304, Progenetix:CVCL_0126, PubChem_Cell_line:CVCL_0126, RCB:RCB1191, RCB:RCB3676, SKY/M-FISH/CGH:17, TKG:TKG 0605, Ubigen:YC-C102, Wikidata:Q54603866

ID: CVCL_0126

Record Creation Time: 20250131T193514+0000

Record Last Update: 20250131T193545+0000

Ratings and Alerts

No rating or validation information has been found for 5637.

No alerts have been found for 5637.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 46 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Poulsen BE, et al. (2025) Discovery of a *Pseudomonas aeruginosa*-specific small molecule targeting outer membrane protein OprH-LPS interaction by a multiplexed screen. *Cell chemical biology*, 32(2), 307.

Schwartz L, et al. (2024) Insulin receptor signaling engages bladder urothelial defenses that limit urinary tract infection. *Cell reports*, 43(4), 114007.

Tian S, et al. (2024) Design, performance, processing, and validation of a pooled CRISPR perturbation screen for bacterial toxins. *Nature protocols*.

Birdwell CE, et al. (2024) Preclinical efficacy of targeting epigenetic mechanisms in AML with 3q26 lesions and EVI1 overexpression. *Leukemia*, 38(3), 545.

Li X, et al. (2024) Nucleoside-diphosphate kinase of uropathogenic *Escherichia coli* inhibits caspase-1-dependent pyroptosis facilitating urinary tract infection. *Cell reports*, 43(4), 114051.

Li W, et al. (2024) UBE2C-induced crosstalk between mono- and polyubiquitination of SNAT2 promotes lymphatic metastasis in bladder cancer. *The Journal of clinical investigation*, 134(13).

Poulsen BE, et al. (2024) "Multiplexed screen identifies a *Pseudomonas aeruginosa* -specific small molecule targeting the outer membrane protein OprH and its interaction with LPS". *bioRxiv* : the preprint server for biology.

Dressler FF, et al. (2024) Proteomic analysis of the urothelial cancer landscape. *Nature communications*, 15(1), 4513.

Zhao Y, et al. (2024) SUMOylation-Driven mRNA Circularization Enhances Translation and Promotes Lymphatic Metastasis of Bladder Cancer. *Cancer research*, 84(3), 434.

Ahmadi S, et al. (2024) Similar immune responses to alpha1-oleate and *Bacillus Calmette-Guérin* treatment in patients with bladder cancer. *Cancer medicine*, 13(7), e7091.

Graham K, et al. (2024) Discovery of YAP1/TAZ pathway inhibitors through phenotypic screening with potent anti-tumor activity via blockade of Rho-GTPase signaling. *Cell chemical biology*, 31(7), 1247.

Thanh HD, et al. (2024) Temozolomide promotes matrix metalloproteinase 9 expression through p38 MAPK and JNK pathways in glioblastoma cells. *Scientific reports*, 14(1), 14341.

Giliazeva A, et al. (2024) Adhesion of *Klebsiella oxytoca* to bladder or lung epithelial cells is promoted by the presence of other opportunistic pathogens. *Microbial pathogenesis*, 190, 106642.

Yan Y, et al. (2024) IMP2 drives chemoresistance by repressing cisplatin-induced apoptosis and ferroptosis via activation of IPO4 and SLC7A11 under hypoxia in bladder cancer. *Cancer cell international*, 24(1), 386.

Chen L, et al. (2023) PABPN1 regulates mRNA alternative polyadenylation to inhibit bladder cancer progression. *Cell & bioscience*, 13(1), 45.

Yao Z, et al. (2023) Proteogenomics of different urothelial bladder cancer stages reveals distinct molecular features for papillary cancer and carcinoma in situ. *Nature communications*, 14(1), 5670.

Li Y, et al. (2023) An HGF-dependent positive feedback loop between bladder cancer cells and fibroblasts mediates lymphangiogenesis and lymphatic metastasis. *Cancer communications (London, England)*, 43(12), 1289.

Zhuang J, et al. (2023) Cancer-Associated Fibroblast-Derived miR-146a-5p Generates a Niche That Promotes Bladder Cancer Stemness and Chemoresistance. *Cancer research*, 83(10), 1611.

Martin HL, et al. (2023) Affimer-mediated locking of p21-activated kinase 5 in an intermediate activation state results in kinase inhibition. *Cell reports*, 42(10), 113184.

Fan Y, et al. (2023) Targeting LYPLAL1-mediated cGAS depalmitoylation enhances the response to anti-tumor immunotherapy. *Molecular cell*, 83(19), 3520.