

This database lists cell lines that are known to be cross-contaminated or otherwise misidentified.

The list acts as a preliminary guide to avoiding suspect cell lines; check each cell line that you use before you start work, to see if others have shown it to be problematic. You should also test all cell lines (e.g., by STR profiling for human cell lines) and compare with the reference stock profile before use.

Cell lines are listed in alphabetical order. Table 1 contains those cell lines where there is no authentic stock known to the list contributors. The "Contaminating Cell Line", in most cases, will have overgrown the claimed original, or will have replaced it by a technical error, and the original cells will no longer exist. Table 2 contains cell lines where some stocks have been shown to be misidentified, but where authentic stock is known to exist.

Cell lines are added after examination of cell line provenance and authentication testing data. An effort has been made to exclude synonymous cell lines that were legitimately established from the same donor e.g. where one cell line was knowingly derived from a parental cell line, or two cell lines were established separately from the same individual.

Observations made in these lists are based on published reports and details obtained from contributors, cell bank websites, and Wikipedia. "Reference PubMed ID" refers to the unique ID number assigned to publications by the PubMed database (<http://www.ncbi.nlm.nih.gov/pubmed/>). Attributions in the last two columns indicate where these misidentifications were reported and in no way imply responsibility for the cause by the authors or institutions.

Additional cell line information is available through other databases and resources. "Cellosaurus AC" refers to the unique ID number assigned to cell lines by the Cellosaurus database (<http://web.expasy.org/cellosaurus/>). Cellosaurus acts as a cell line knowledge resource with links to many other online resources.

This database of cross-contaminated or misidentified cell lines is curated by the International Cell Line Authentication Committee (ICLAC). Researchers are very welcome to submit additional information regarding misidentified cell lines not listed here, authentic stocks, or any other relevant information. Confusion may also arise from two different cell lines having the same name; information on these would also be welcome. Please contact [info@iclac.org](mailto:info@iclac.org) and copy to the ICLAC Chair, Amanda Capes-Davis ([acapdav@gmail.com](mailto:acapdav@gmail.com)). The database and more information on ICLAC can be found at:

<http://iclac.org/databases/cross-contaminations/>

The database was developed by Amanda Capes-Davis and Ian Freshney, and published in 2010. To cite the database or learn more, please refer to:

Capes-Davis A, Theodosopoulos G, Atkin I, Drexler HG, Kohara A, Macleod RA, Masters JR, Nakamura Y, Reid YA, Reddel RR, Freshney RI (2010) Check your cultures! A list of cross-contaminated or misidentified cell lines. *Int J Cancer* 127(1): 1-8. PMID: 20143388.

The authors take neither credit nor responsibility for any of the primary observations and have merely attempted to review and collate data previously available on other sites.

**Table 1. Misidentified cell lines where no authentic stock is known**

Misidentified Cell Line	Claimed Species	Claimed Cell Type	Misidentified Cell Line, Cellosaurus AC	Contaminating Cell Line	Actual Species	Actual Cell Type	Contaminating Cell Line, Cellosaurus AC	Misidentification Reported By	Reference PubMed ID
1E8 (BLIN-1 derivative)	Human	Leukemia, acute lymphoblastic, B cell precursor	CVCL_L811	NALM-6	Human	Leukemia, acute lymphoblastic, B cell precursor	CVCL_0092	Drexler et al, 2003	12592342
2008/C13*5.25 (C13, OV2008/C13)	Human	Ovarian carcinoma	CVCL_0114	ME-180	Human	Cervical carcinoma	CVCL_1401	Korch et al, 2012	22710073
222	Human	Ovarian carcinoma	CVCL_1T15	PA1	Human	Teratocarcinoma	CVCL_0479	Korch et al, 2012	22710073
2474/90	Human	Gastric carcinoma	CVCL_9556	HT-29	Human	Colon carcinoma	CVCL_0320	MacLeod et al, 1999	10508494
2563 (MAC-21)	Human	Lung carcinoma	CVCL_M629	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	Nelson-Rees et al, 1981	6451928
2957/90	Human	Gastric carcinoma	CVCL_9557	HT-29	Human	Colon carcinoma	CVCL_0320	MacLeod et al, 1999	10508494
3051/80	Human	Gastric carcinoma	CVCL_9558	HT-29	Human	Colon carcinoma	CVCL_0320	MacLeod et al, 1999	10508494
41M	Human	Ovarian carcinoma	CVCL_4993	OAW 28	Human	Ovarian carcinoma	CVCL_1614	Wilson et al, 1996	8795574
A172TR3 (U251-TR3)	Human	Glioblastoma	CVCL_1G29	U-251 MG	Human	Glioblastoma	CVCL_0021	Yip et al, 2009 [correction]	19584161
ACC2	Human	Salivary gland, adenoid cystic carcinoma	CVCL_6872	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	Phuchareon et al, 2009; Zhao et al, 2011	19557180, 21868764
ACC3	Human	Salivary gland, adenoid cystic carcinoma	CVCL_6873	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	Phuchareon et al, 2009; Zhao et al, 2011	19557180, 21868764
ACCM	Human	Salivary gland, adenoid cystic carcinoma	CVCL_6874	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	Phuchareon et al, 2009; Zhao et al, 2011	19557180, 21868764

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ACCNS	Human	Salivary gland, adenoid cystic carcinoma	CVCL_6875	Unknown	Mouse	Unknown	None	Phuchareon et al, 2009	19557180
ACCS	Human	Salivary gland, adenoid cystic carcinoma	CVCL_6876	T-24	Human	Bladder carcinoma	CVCL_0554	Phuchareon et al, 2009	19557180
ADLC-5M2	Human	Lung carcinoma	CVCL_8169	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	MacLeod et al, 1999	10508494
<i>Aedes aegypti</i> , Suito's clone	Mosquito	Not specified	CVCL_1R48	Unknown	Moth, <i>Antheraea eucalypti</i>	Not specified	None	Greene et al, 1972; Nelson-Rees et al, 1981	4402510, 6451928
<i>Aedes vexans</i> culture	Mosquito	Not specified	CVCL_1R46	Unknown	Moth, <i>Antheraea eucalypti</i>	Not specified	None	Greene et al, 1972; Nelson-Rees et al, 1981	4402510, 6451928
AG-F	Human	Lymphoma, Hodgkin	CVCL_D101	CCRF-CEM	Human	Leukemia, acute lymphoblastic, T cell	CVCL_0207	Drexler et al, 2003	12592342
AKI	Human	Melanoma	CVCL_8170	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	Yoshino et al, 2006	16643607
ALVA-31	Human	Prostate carcinoma	CVCL_4737	PC-3	Human	Prostate carcinoma	CVCL_0035	van Bokhoven et al, 2001; Varella-Garcia et al, 2001	11304728, 11433521
ALVA-41	Human	Prostate carcinoma	CVCL_4734	PC-3	Human	Prostate carcinoma	CVCL_0035	van Bokhoven et al, 2001; Pan et al, 2001; Varella-Garcia et al, 2001	11304728, 11135436, 11433521
ALVA-55	Human	Prostate carcinoma	CVCL_4736	PC-3	Human	Prostate carcinoma	CVCL_0035	van Bokhoven et al, 2003	14518029
ALVA-101	Human	Prostate carcinoma	CVCL_4735	PC-3	Human	Prostate carcinoma	CVCL_0035	van Bokhoven et al, 2003	14518029
AO	Human	Amnion	CVCL_D631	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	Nelson-Rees et al, 1981	6451928
Ao38 (BTI-Tnao38)	Black witch moth, <i>Ascalapha odorata</i>	Eggs, normal	CVCL_Z252	Unknown	Cabbage looper moth, <i>Trichoplusia ni</i>	Eggs, normal	None	Hashimoto et al, 2012	22531032
ARO	Human	Thyroid, anaplastic carcinoma	CVCL_0144	HT-29	Human	Colon carcinoma	CVCL_0320	Zhao et al, 2011	21868764
ARO81-1	Human	Thyroid, anaplastic carcinoma	CVCL_0144	HT-29	Human	Colon carcinoma	CVCL_0320	Schweppe et al, 2008	18713817
AV3	Human	Amnion	CVCL_1904	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	Gartler, 1967; Lavappa et al, 1976; Nelson-Rees et al, 1981	4864103, 1250349, 6451928
AZ521	Human	Gastric carcinoma	CVCL_2862	HuTu 80	Human	Duodenal carcinoma	CVCL_1301	JCRB website	No PMID
B2-17	Human	Astrocytoma	CVCL_2864	U-251 MG	Human	Glioblastoma	CVCL_0021	JCRB website	No PMID
BCC1/KMC	Human	Basal cell carcinoma	CVCL_A033	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	MacLeod et al, 1999	10508494
BE-13	Human	Leukemia, acute lymphoblastic, T cell	CVCL_1081	PEER	Human	Leukemia, acute lymphoblastic, T cell	CVCL_1913	Drexler et al, 2003	12592342
BHP 10-3	Human	Thyroid, papillary carcinoma	CVCL_6278	TPC-1	Human	Thyroid, papillary carcinoma	CVCL_6298	Schweppe et al, 2008	18713817
BHP 14-9	Human	Thyroid, papillary carcinoma	CVCL_6279	M14	Human	Melanoma	CVCL_1395	Schweppe et al, 2008	18713817
BHP 17-10	Human	Thyroid, papillary carcinoma	CVCL_6281	M14	Human	Melanoma	CVCL_1395	Schweppe et al, 2008	18713817

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BHP 2-7	Human	Thyroid, papillary carcinoma	CVCL_6283	TPC-1	Human	Thyroid, papillary carcinoma	CVCL_6298	Schweppe et al, 2008; Zhao et al, 2011	18713817, 21868764
BHP 5-16	Human	Thyroid, papillary carcinoma	CVCL_6284	M14	Human	Melanoma	CVCL_1395	Schweppe et al, 2008; Zhao et al, 2011	18713817, 21868764
BHP 7-13	Human	Thyroid, papillary carcinoma	CVCL_6285	TPC-1	Human	Thyroid, papillary carcinoma	CVCL_6298	Schweppe et al, 2008	18713817
BIC-1	Human	Esophageal adenocarcinoma	CVCL_8092	SW-480, SW-620	Human	Colon carcinoma	CVCL_0546 / CVCL_0547	Boonstra et al, 2010	20075370
BLIN-1	Human	Leukemia, acute lymphoblastic, B cell precursor	CVCL_8173	NALM-6	Human	Leukemia, acute lymphoblastic, B cell precursor	CVCL_0092	Drexler et al, 2003	12592342
BM-1604	Human	Prostate carcinoma	CVCL_1968	DU-145	Human	Prostate carcinoma	CVCL_0105	MacLeod et al, 1999	10508494
BrCA 5	Human	Breast carcinoma	CVCL_D280	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	Nelson-Rees and Flandermeyer, 1977; Nelson-Rees et al, 1981	557237, 6451928
BSCC-93	Human	Skin, squamous cell carcinoma	CVCL_8157	DJM-1	Human	Skin, squamous cell carcinoma	CVCL_1172	Yoshino et al, 2006; ICLAC correspondence	16643607
BT-B	Human	Bladder carcinoma	CVCL_1858	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	DSMZ website	No PMID
C13	Human	Ovarian carcinoma	CVCL_0114	ME-180	Human	Cervical carcinoma	CVCL_1401	Korch et al, 2012	22710073
C16 (MRC-5 derivative)	Human	Lung cells, fetal	CVCL_2322	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	ECACC website	No PMID
C-433	Human	Giant cell tumor, benign	CVCL_1969	RD-ES	Human	Sarcoma (Ewing's)	CVCL_2169	DSMZ website	No PMID
CAC2	Human	Salivary gland, adenoid cystic carcinoma	CVCL_6883	Unknown	Rat	Unknown	None	Phuchareon et al, 2009	19557180
CaMa (clone 15)	Human	Breast carcinoma	CVCL_1T14	Unknown	Syrian hamster and mouse	Unknown	None	Nelson-Rees et al, 1981	6451928
CaOV	Human	Ovarian carcinoma	CVCL_M091	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	Nelson-Rees et al, 1981	6451928
Caov-2	Human	Ovarian carcinoma	CVCL_6861	NIH:OVCAR-2	Human	Ovarian carcinoma	CVCL_3941	Korch et al, 2012	22710073
CaVe	Human	Gastric carcinoma	CVCL_8444	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	Nelson-Rees et al, 1981	6451928
CCL3	Human	Chordoma	CVCL_M023	Unknown	Mouse	Unknown	None	Brüderlein et al, 2010	21253487
CH1, CH1cisR	Human	Ovarian carcinoma	CVCL_4992 / CVCL_X012	PA1	Human	Teratocarcinoma	CVCL_0479	Korch et al, 2012	22710073
Chang liver	Human	Liver, normal hepatic cells	CVCL_0238	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	Garner, 1967, Lavappa et al, 1976; Nelson-Rees et al, 1981	4864103, 1250349, 6451928
CHB	Human	Astrocytoma	CVCL_1R45	Unknown	Rat	Not specified	None	Stoolmiller et al, 1972; Nelson-Rees et al, 1981	4640072, 6451928

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CHP-100	Human	Neuroblastoma	CVCL_7166	IMR-32	Human	Neuroblastoma	CVCL_0346	ECACC website	No PMID
CHP-234	Human	Neuroblastoma	CVCL_4359	Unknown	Human	Unknown	None	ATCC website	No PMID
Clom 15	Human	Glioblastoma	CVCL_1R52	Unknown	Rat	Unknown	None	Higgins et al, 2010	20951163
Clone 1-5c-4	Human	Conjunctiva	CVCL_2260	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	ECACC website	No PMID
Clone-16	Human	Pancreas, fetal endocrine cells	CVCL_1T11	Unknown	Syrian hamster	Unknown	None	Matsuba et al, 1988	2903855
Clone 1A	Rainbow trout, <i>Oncorhynchus mykiss</i>	Blood	CVCL_1T03	CHSE-214	Chinook salmon, <i>Oncorhynchus tshawytscha</i>	Embryo	CVCL_2780	Perry et al, 2001	19002917
CMP	Human	Rectal adenocarcinoma	CVCL_D297	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	Gartler, 1967; Nelson-Rees et al, 1981	4864103, 6451928
CMPII C2	Human	Rectal adenocarcinoma	CVCL_L115	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	Nelson-Rees et al, 1981	6451928
CNDT2	Human	Carcinoid tumour	CVCL_L293	Unknown	Human	Unknown	None	Ellis et al, 2010	20959409
CNE-1	Human	Nasal pharynx, carcinoma	CVCL_6888	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	Chan et al, 2008; Strong et al, 2014	18196576, 24991015
CNE-2	Human	Nasal pharynx, carcinoma	CVCL_6889	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	Chan et al, 2008; Strong et al, 2014	18196576, 24991015
CO (= COLE)	Human	Lymphoma, Hodgkin	CVCL_J653	CCRF-CEM	Human	Leukemia, acute lymphoblastic, T cell	CVCL_0207	Drexler et al, 2003	12592342
COLO-587	Human	Pancreatic carcinoma	CVCL_F641	COLO-320DM	Human	Colon carcinoma	CVCL_0219	ATCC FAQ #11058	No PMID
COLO-677	Human	Lung carcinoma, small cell	CVCL_1862	RPMI-8226	Human	Myeloma	CVCL_0014	DSMZ website	No PMID
COLO-818	Human	Melanoma	CVCL_1998	COLO-800	Human	Melanoma	CVCL_1135	MacLeod et al, 1999	10508494
CoLo-TC	Human	Colon carcinoma	CVCL_8290	COLO-205	Human	Colon carcinoma	CVCL_0218	RIKEN website	No PMID
<i>Culisita inornata</i> culture	Mosquito	Not specified	CVCL_1R47	Unknown	Moth, <i>Antheraea eucalypti</i>	Not specified	None	Greene et al, 1972; Nelson-Rees et al, 1981	4402510, 6451928
D18T	Human	Synovial cell	CVCL_8669	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	Nelson-Rees et al, 1981	6451928
D-54 MG	Human	Glioma	CVCL_5735	A-172	Human	Glioblastoma	CVCL_0131	Personal communication, D. Bigner	No PMID
D98/AH	Human	Not specified	CVCL_U961	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	Honma et al, 1992	1730567
D98/AH2 Clone B	Human	Not specified	CVCL_2884	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	ECACC website	No PMID
DAMI	Human	Leukemia, acute myeloid, M7	CVCL_4360	HEL	Human	Leukemia, acute myeloid, M6	CVCL_0001	MacLeod et al, 1997; Drexler et al, 2003	9447816, 12592342
DAPT	Human	Astrocytoma, piloid	CVCL_D279	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	Nelson-Rees et al, 1981	6451928

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DD	Human	Malignant histiocytosis	CVCL_J651	K-562	Human	Leukemia, chronic myeloid, blast crisis	CVCL_0004	Drexler et al, 2003	12592342
Det30A	Human	Breast carcinoma, ascitic fluid	CVCL_8674	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	Nelson-Rees et al, 1981	6451928
Detroit-6 (Det6)	Human	Sternal marrow cells	CVCL_2436	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	Gartler, 1967; Lavappa et al, 1976; Nelson-Rees et al, 1981	4864103, 1250349, 6451928
Detroit-98	Human	Sternal marrow cells	CVCL_8188	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	Gartler, 1967; Lavappa, 1978; Nelson-Rees et al, 1981	4864103, 566722, 6451928
Detroit 98/AG	Human	Sternal marrow cells	CVCL_8189	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	Lavappa, 1978; Nelson-Rees et al, 1981	566722, 6451928
Detroit 98/AH-2	Human	Sternal marrow cells	CVCL_8190	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	Lavappa, 1978; Nelson-Rees et al, 1981	566722, 6451928
Detroit 98/AH-R	Human	Sternal marrow cells	CVCL_8191	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	Lavappa, 1978; Nelson-Rees et al, 1981	566722, 6451928
Detroit 98s	Human	Sternal marrow cells	CVCL_8192	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	Lavappa, 1978; Nelson-Rees et al, 1981	566722, 6451928
DM12 (Tu-167 derivative)	Human	Oral squamous cell carcinoma	CVCL_1Q83	UM-SCC-1	Human	Oral squamous cell carcinoma (recurrence)	CVCL_7707	Zhao et al, 2011	21868764
DM14 (Tu-167 derivative)	Human	Oral squamous cell carcinoma	CVCL_1Q84	UM-SCC-1	Human	Oral squamous cell carcinoma (recurrence)	CVCL_7707	Zhao et al, 2011	21868764
DRO	Human	Thyroid, anaplastic carcinoma	CVCL_6286	A-375	Human	Melanoma	CVCL_0132	Zhao et al, 2011	21868764
DRO90-1	Human	Thyroid, anaplastic carcinoma	CVCL_6286	A-375	Human	Melanoma	CVCL_0132	Schweppe et al, 2008	18713817
DuPro-1	Human	Prostate carcinoma	CVCL_4738	PC-3	Human	Prostate carcinoma	CVCL_0035	van Bokhoven et al, 2003	14518029
EB33	Human	Prostate carcinoma	CVCL_8344	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	Nelson-Rees, 1979; Nelson-Rees et al, 1981	535908, 6451928
ECC-1	Human	Endometrial carcinoma	CVCL_7260	Ishikawa	Human	Endometrial carcinoma	CVCL_D199	Korch et al, 2012	22710073
ECTC	Cow	Thyroid, embryonic	CVCL_4518	Vero	Monkey, African green ( <i>Cercopithecus aethiops</i> )	Kidney, normal renal cells	CVCL_0059	Milanesi et al, 2003	14505435
ECV-304	Human	Endothelium, normal cells	CVCL_2029	T-24	Human	Bladder carcinoma	CVCL_0554	Dirks et al, 1999; MacLeod et al, 1999	10614862, 10508494
ED27	Human	Chorionic villus	CVCL_8345	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	Kniss et al, 2002	11869090
EEK	Horse	Kidney, embryonic renal cells	CVCL_8346	NSK	Pig, <i>Sus scrofa</i>	Kidney, normal renal cells	CVCL_8378	Milanesi et al, 2003	14505435
EH	Human	Leukemia, hairy cell	CVCL_L804	HK	Human	Leukemia, hairy cell	CVCL_L805	Drexler et al, 2003	12592342
EJ-1	Human	Bladder carcinoma	CVCL_2893	T-24	Human	Bladder carcinoma	CVCL_0554	Masters et al, 2001	11416159

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Ej138	Human	Bladder carcinoma	CVCL_2443	T-24	Human	Bladder carcinoma	CVCL_0554	Azari et al, 2007	17254797
EICo	Human	Breast carcinoma	CVCL_8686	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	Nelson-Rees et al, 1981	6451928
EPC	Carp, <i>Cyprinus carpio</i>	Epithelial papilloma	CVCL_4361	Unknown	Fathead minnow, <i>Pimephales promelas</i>	Unknown	None	ATCC website	No PMID
EPLC3-2M1	Human	Lung carcinoma	CVCL_8193	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	MacLeod et al, 1999	10508494
EPLC-65	Human	Lung carcinoma	CVCL_8194	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	MacLeod et al, 1999	10508494
ESP1	Human	Lymphoma, Burkitt	CVCL_8351	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	Nelson-Rees et al, 1981	6451928
ETK-1	Human	Cholangiocarcinoma	CVCL_1206	SSP-25	Human	Cholangiocarcinoma	CVCL_4902	Yoshino et al, 2006	16643607
EU-1	Human	Leukemia, acute lymphoblastic, B cell precursor	CVCL_8857	REH	Human	Leukemia, acute lymphoblastic, B cell precursor	CVCL_1650	Drexler et al, 2003	12592342
EU-7	Human	Leukemia, acute lymphoblastic, T cell	CVCL_8865	CCRF-CEM	Human	Leukemia, acute lymphoblastic, T cell	CVCL_0207	Drexler et al, 2003	12592342
EUE	Human	Subcutis, fetal	CVCL_7262	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	Nelson-Rees et al, 1981	6451928
EVLC2	Human	Umbilical vein endothelium, transfected	CVCL_8687	Unknown	Human	Non-endothelial?	None	Unger et al, 2002	12453433
F2-4E5	Human	Thymic epithelium	CVCL_A040	SK-HEP-1	Human	Liver carcinoma	CVCL_0525	MacLeod et al, 1999	10508494
F2-5B6	Human	Thymic epithelium	CVCL_A041	SK-HEP-1	Human	Liver carcinoma	CVCL_0525	MacLeod et al, 1999	10508494
F255A4	Human	Not specified	CVCL_8688	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	Nelson-Rees et al, 1981	6451928
FB2	Human	Thyroid, papillary carcinoma	CVCL_9917	TPC-1	Human	Thyroid, papillary carcinoma	CVCL_6298	Ribeiro et al, 2008	19087340
Fitz-HSA	Dog, <i>Canis familiaris</i>	Sarcoma (hemangiosarcoma)	CVCL_1R34	DEN-HSA	Dog, <i>Canis familiaris</i>	Sarcoma (hemangiosarcoma)	CVCL_1R33	O'Donoghue et al, 2011	21908323
FL	Human	Amnion	CVCL_1905	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	Nelson-Rees et al, 1981; Ogura et al, 1993	6451928, 8397027
Flow 13000	Human	Lung cells, embryonic fibroblast	CVCL_F664	MRC-5	Human	Lung cells, embryonic fibroblast	CVCL_0440	JCRB website	No PMID
Flow 5000	Human	Lung cells, embryonic fibroblast	CVCL_5910	Flow 1000	Human	Lung cells, embryonic fibroblast	CVCL_5615	JCRB website	No PMID
Flow 6000	Human	Lung cells, embryonic fibroblast	CVCL_F662	Flow 1000	Human	Lung cells, embryonic fibroblast	CVCL_5615	JCRB website	No PMID
Flow 7000	Human	Lung cells, embryonic fibroblast	CVCL_2904	Flow 3000	Human	Lung cells, embryonic fibroblast	CVCL_2903	JCRB website	No PMID
FQ	Human	Lymphoma, Hodgkin	CVCL_L984	OMK-210	Monkey, Owl ( <i>Aotus trivirgatus</i> )	Kidney, normal renal cells	CVCL_L983	Nelson-Rees et al, 1981; Drexler et al, 2003	6451928, 12592342
G-11 (HBT-3 derivative)	Human	Breast carcinoma	CVCL_U962	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	Nelson-Rees et al, 1981	6451928
GHE	Human	Astrocytoma	CVCL_8199	T-24	Human	Bladder carcinoma	CVCL_0554	MacLeod et al, 1999	10508494

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Girardi heart	Human	Heart, normal cells	CVCL_2254	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	Gartler, 1967; Lavappa, 1978; Nelson-Rees et al, 1981	4864103, 566722, 6451928
GM1312	Human	Myeloma	CVCL_J111	Correct name, incorrect cell type	Human	EBV+ B-lymphoblastoid cell line	None	Drexler et al, 2003	12592342
GOS-3	Human	Glioma, mixed astro-oligodendroglioma	CVCL_2050	U-343 MG	Human	Glioblastoma	CVCL_4773	DSMZ website	No PMID
GPS-M	Guinea pig	Spleen, adult cells	CVCL_1R31	Strain L-M	Mouse	Connective tissue	CVCL_4535	Nelson-Rees et al, 1981	6451928
GPS-PD	Guinea pig	Spleen, adult cells	CVCL_1R32	Strain L-M	Mouse	Connective tissue	CVCL_4535	Nelson-Rees et al, 1981	6451928
GRES-X	Human	Liver, hepatic myofibroblast	CVCL_7667	Unknown	Rat	Unknown	None	MacLeod et al, 1999	10508494
GT3TKB	Human	Gastric carcinoma	CVCL_1237	RERF-LC-A1	Human	Lung carcinoma	CVCL_4402	Yoshino et al, 2006	16643607
H-494	Human	Prostate carcinoma	CVCL_7669	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	Williams, 1980	6244232
H7D7A and derivatives	Human	Liver, normal cells (SV40-transformed)	CVCL_1T06	HepG2	Human	Liver, hepatocellular carcinoma	CVCL_0027	van Pelt et al, 2003	12619888
H7D7B and derivatives	Human	Liver, normal cells (SV40-transformed)	CVCL_1T07	HepG2	Human	Liver, hepatocellular carcinoma	CVCL_0027	van Pelt et al, 2003	12619888
H7D7C and derivatives	Human	Liver, normal cells (SV40-transformed)	CVCL_1T08	HepG2	Human	Liver, hepatocellular carcinoma	CVCL_0027	van Pelt et al, 2003	12619888
H7D7D and derivatives	Human	Liver, normal cells (SV40-transformed)	CVCL_1T09	HepG2	Human	Liver, hepatocellular carcinoma	CVCL_0027	van Pelt et al, 2003	12619888
HAC15	Human	Adrenal gland, adrenal cortex carcinoma	CVCL_S898	NCI-H295R	Human	Adrenal gland, adrenal cortex carcinoma	CVCL_0458	Wang and Rainey, 2012	21924324
HAG	Human	Thyroid adenoma (goitre)	CVCL_8223	T-24	Human	Bladder carcinoma	CVCL_0554	MacLeod et al, 1999	10508494
HBC	Human	Breast carcinoma, invasive ductal tumor	CVCL_M630	Unknown	Rat	Unknown	None	Nelson-Rees and Flandermeyer, 1977; Nelson-Rees et al, 1981	557237, 6451928
HBL-100	Human	Breast carcinoma	CVCL_4362	Unknown	Human	Unknown	None	Yoshino et al, 2006; ATCC website	16643607
HBT-3	Human	Breast carcinoma	CVCL_D281	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	Nelson-Rees et al, 1981	6451928
HBT-39b	Human	Breast carcinoma	CVCL_J652	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	Nelson-Rees et al, 1981	6451928
HBT-E (HBT-3 clone)	Human	Breast carcinoma	CVCL_M746	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	Nelson-Rees et al, 1981	6451928
HCE	Human	Cervical carcinoma	CVCL_M619	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	Nelson-Rees et al, 1981	6451928
HCu-10	Human	Esophageal squamous cell carcinoma	CVCL_M850	Hcu-10, Hcu-18, Hcu-22, Hcu-27, Hcu-33, Hcu-37, Hcu-39 (synonymous cell lines, donor origin unknown)	Human	Esophageal squamous cell carcinoma	CVCL_M850 / CVCL_M852 / CVCL_M853 / CVCL_M854 / CVCL_M855 / CVCL_M856 / CVCL_M857	van Helden et al, 1988	3167823

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HCu-18	Human	Esophageal squamous cell carcinoma	CVCL_M852	Hcu-10, Hcu-18, Hcu-22, Hcu-27, Hcu-33, Hcu-37, Hcu-39 (synonymous cell lines, donor origin unknown)	Human	Esophageal squamous cell carcinoma	CVCL_M850 / CVCL_M852 / CVCL_M853 / CVCL_M854 / CVCL_M855 / CVCL_M856 / CVCL_M857	van Helden et al, 1988	3167823
HCu-22	Human	Esophageal squamous cell carcinoma	CVCL_M853	Hcu-10, Hcu-18, Hcu-22, Hcu-27, Hcu-33, Hcu-37, Hcu-39 (synonymous cell lines, donor origin unknown)	Human	Esophageal squamous cell carcinoma	CVCL_M850 / CVCL_M852 / CVCL_M853 / CVCL_M854 / CVCL_M855 / CVCL_M856 / CVCL_M857	van Helden et al, 1988	3167823
HCu-27	Human	Esophageal squamous cell carcinoma	CVCL_M854	Hcu-10, Hcu-18, Hcu-22, Hcu-27, Hcu-33, Hcu-37, Hcu-39 (synonymous cell lines, donor origin unknown)	Human	Esophageal squamous cell carcinoma	CVCL_M850 / CVCL_M852 / CVCL_M853 / CVCL_M854 / CVCL_M855 / CVCL_M856 / CVCL_M857	van Helden et al, 1988	3167823
HCu-33	Human	Esophageal squamous cell carcinoma	CVCL_M855	Hcu-10, Hcu-18, Hcu-22, Hcu-27, Hcu-33, Hcu-37, Hcu-39 (synonymous cell lines, donor origin unknown)	Human	Esophageal squamous cell carcinoma	CVCL_M850 / CVCL_M852 / CVCL_M853 / CVCL_M854 / CVCL_M855 / CVCL_M856 / CVCL_M857	van Helden et al, 1988	3167823
HCu-37	Human	Esophageal squamous cell carcinoma	CVCL_M856	Hcu-10, Hcu-18, Hcu-22, Hcu-27, Hcu-33, Hcu-37, Hcu-39 (synonymous cell lines, donor origin unknown)	Human	Esophageal squamous cell carcinoma	CVCL_M850 / CVCL_M852 / CVCL_M853 / CVCL_M854 / CVCL_M855 / CVCL_M856 / CVCL_M857	van Helden et al, 1988	3167823
HCu-39	Human	Esophageal squamous cell carcinoma	CVCL_M857	Hcu-10, Hcu-18, Hcu-22, Hcu-27, Hcu-33, Hcu-37, Hcu-39 (synonymous cell lines, donor origin unknown)	Human	Esophageal squamous cell carcinoma	CVCL_M850 / CVCL_M852 / CVCL_M853 / CVCL_M854 / CVCL_M855 / CVCL_M856 / CVCL_M857	van Helden et al, 1988	3167823
HCV-29Tmv (HCV-29 derivative)	Human	Bladder, tumorigenic urothelial cells	CVCL_8229	T-24	Human	Bladder carcinoma	CVCL_0554	Christensen et al, 1993	8105864
HEC-155	Human	Uterine adenocarcinoma	CVCL_2926	HEC-155, HEC-180 (synonymous cell lines, donor origin unknown)	Human	Uterine carcinoma	CVCL_8313 / CVCL_2926	JCRB website	No PMID
HEC-180	Human	Uterine adenocarcinoma	CVCL_8313	HEC-155, HEC-180 (synonymous cell lines, donor origin unknown)	Human	Uterine adenocarcinoma	CVCL_8313 / CVCL_2926	JCRB website	No PMID
HEK	Human	Kidney, embryonic renal cells	CVCL_M624	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	Nelson-Rees et al, 1981	6451928
HEK/HRV (HEK derivative)	Human	Kidney, transformed embryonic renal cells	CVCL_M625	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	Nelson-Rees et al, 1981	6451928



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HEL-R66	Human	Not specified	CVCL_1R39	Unknown	Monkey, African green ( <i>Cercopithecus aethiops</i> )	Unknown	None	Nelson-Rees et al, 1981	6451928, 7236009
HEp-2 (H.Ep.-2)	Human	Laryngeal carcinoma	CVCL_1906	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	Gartler, 1967; Nelson-Rees et al, 1981; Chen, 1988	4864103, 6451928, 3180844
Hep-2C	Human	Laryngeal carcinoma	CVCL_2940	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	ECACC website	No PMID
Hep2 (Clone 2B)	Human	Laryngeal carcinoma	CVCL_2817	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	ECACC website	No PMID
HES	Human	Endometrium	CVCL_W635	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	Korch et al, 2012; Kniss & Summerfield, 2014	22710073, 24520087
HIMEG-1	Human	Leukemia, chronic myeloid	CVCL_8439	HL-60	Human	Leukemia, acute myeloid, M2	CVCL_0002	Drexler et al, 2003	12592342
HKB-1	Human	Lymphoma, Hodgkin	CVCL_5290	Unknown	Human	Unknown	None	Drexler et al, 2003	12592342
HKMUS	Human	Cervical carcinoma	CVCL_8776	SKG-II-SF	Human	Cervical carcinoma	CVCL_8159	RIKEN website	No PMID
HKMUS-SF	Human	Cervical carcinoma	CVCL_8230	SKG-II-SF	Human	Cervical carcinoma	CVCL_8159	Yoshino et al, 2006	16643607
HL111783	Human	Lung carcinoma	CVCL_8231	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	Yoshino et al, 2006	16643607
HMV-1	Human	Melanoma	CVCL_8233	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	MacLeod et al, 1999	10508494
HPB-MLT	Human	Leukemia, acute lymphoblastic, T cell	CVCL_7959	HPB-ALL	Human	Leukemia, acute lymphoblastic, T cell	CVCL_1820	Drexler et al, 2003	12592342
HPC-36M (HPC-36 derivative)	Human	Prostate carcinoma	CVCL_8446	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	Masters et al, 2001	11416159
hPTC	Human	Thyroid, papillary cell	CVCL_8224	Unknown	Pig, <i>Sus scrofa</i>	Unknown	None	MacLeod et al, 1999	10508494
Hs 677.St	Human	Gastric tissue, normal	CVCL_F646	Unknown	Mouse	Unknown	None	ATCC FAQ #1072	No PMID
HSC-41	Human	Gastric carcinoma	CVCL_8355	HSC-42	Human	Gastric carcinoma	CVCL_0316	JCRB website	No PMID
HSG	Human	Salivary gland, submandibular	CVCL_2517	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	ECACC website	No PMID
HSG-AZA1	Human	Salivary gland, submandibular	CVCL_A047	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	JCRB website	No PMID
HSG-AZA3	Human	Salivary gland, submandibular	CVCL_A048	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	JCRB website	No PMID
HSGc-C5	Human	Oral carcinoma	CVCL_2951	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	JCRB website	No PMID
HS-SULTAN	Human	Myeloma	CVCL_2516	JIOYE	Human	Lymphoma, Burkitt	CVCL_1317	Drexler et al, 2001; Drexler et al, 2003	11732505, 12592342
HSY	Human	Salivary gland, parotid	CVCL_B032	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	JCRB website	No PMID
hTERT-EEC	Human	Endometrium, immortalized	CVCL_X007	MCF-7	Human	Breast carcinoma	CVCL_0031	Korch et al, 2012	22710073
Hu1734	Human	Bladder, non-malignant urothelial cells	CVCL_8451	HCV-29	Human	Bladder, non-malignant urothelial cells	CVCL_8228	Christensen et al, 1993	7905254
Hu456	Human	Bladder, tumorigenic urothelial cells	CVCL_8238	T-24	Human	Bladder carcinoma	CVCL_0554	Christensen et al, 1993	8105864

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Hu549	Human	Bladder, tumorigenic urothelial cells	CVCL_8239	T-24	Human	Bladder carcinoma	CVCL_0554	Christensen et al, 1993	8105864
Hu609	Human	Bladder, non-malignant urothelial cells	CVCL_8240	J82	Human	Bladder carcinoma	CVCL_0359	Christensen et al, 1993; Masters et al, 2001	7905254, 11416159
Hu609Tmv (Hu609 derivative)	Human	Bladder, tumorigenic urothelial cells	CVCL_8242	T-24	Human	Bladder carcinoma	CVCL_0554	Christensen et al, 1993	8105864
Hu961a, Hu961t (Hu961 derivatives)	Human	Bladder, tumorigenic urothelial cells	CVCL_8243	T-24	Human	Bladder carcinoma	CVCL_0554	Christensen et al, 1993; Masters et al, 2001	8105864, 11416159
HuK <sup>o</sup> 39	Human	Kidney, normal renal cells	CVCL_8283	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	Nelson-Rees et al, 1981	6451928
HuL-1	Human	Liver, hepatocellular carcinoma	CVCL_8357	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	JCRB website	No PMID
Hut	Human	Not specified	CVCL_M861	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	Nelson-Rees et al, 1981	6451928
IMC-2	Human	Maxillary carcinoma	CVCL_8245	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	MacLeod et al, 1999	10508494
IMC-3	Human	Maxillary carcinoma	CVCL_8246	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	Masters et al, 2001	11416159
IMC-4	Human	Maxillary carcinoma	CVCL_8247	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	RIKEN website	No PMID
Intestine 407 (Int-407, HEI)	Human	Intestinal cells (jejunum/ileum), embryonic	CVCL_1907	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	Gartler, 1967; Lavappa, 1978; Nelson-Rees et al, 1981	4864103, 566722, 6451928
IPDDC-A2	Human	Astrocytoma	CVCL_7169	Unknown	Rat	Unknown	None	ECACC website	No PMID
IPRB	Human	Glioblastoma	CVCL_1R53	Unknown	Rat	Unknown	None	Higgins et al, 2010	20951163
IPRI-OL-7	White marked tussock moth, <i>Orgyia leucostigma</i>	Neonate larvae	CVCL_Z490	IPRI-CF-124	Eastern spruce budworm, <i>Choristoneura fumiferana</i>	Neonate larvae	CVCL_Z480	Harvey and Sohi, 1985	No PMID
IPRI-OL-11	White marked tussock moth, <i>Orgyia leucostigma</i>	Neonate larvae	CVCL_Z489	IPRI-CF-124	Eastern spruce budworm, <i>Choristoneura fumiferana</i>	Neonate larvae	CVCL_Z480	Harvey and Sohi, 1985	No PMID
IPTP/98	Human	Glioblastoma	CVCL_7168	Unknown	Rat	Unknown	None	ECACC website	No PMID
IST-1	Human	Placenta	CVCL_F642	SK-OV-3	Human	Ovarian carcinoma	CVCL_0532	ATCC FAQ #1068	No PMID
J-111	Human	Leukemia, acute myeloid, M5	CVCL_2965	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	Gartler, 1967; Nelson-Rees et al, 1981; Drexler et al, 2003	4864103, 6451928, 12592342
J96	Human	Leukemia	CVCL_3990	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	Nelson-Rees et al, 1981	6451928
JCA-1	Human	Prostate carcinoma	CVCL_4015	T-24	Human	Bladder carcinoma	CVCL_0554	van Bokhoven et al, 2001	11522622
JHC	Human	Placenta	CVCL_M093	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	Nelson-Rees et al, 1981	6451928

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JHT (JHC derivative)	Human	Placenta	CVCL_M620	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	Nelson-Rees et al, 1981	6451928
JHU012	Human	Oral squamous cell carcinoma (lymph node)	CVCL_5987	JHU022	Human	Laryngeal squamous cell carcinoma (lymph node)	CVCL_5991	Zhao et al, 2011	21868764
JHU013 (JHU012 derivative)	Human	Oral squamous cell carcinoma (lymph node)	CVCL_5988	FaDu	Human	Hypopharyngeal squamous cell carcinoma	CVCL_1218	Zhao et al, 2011	21868764
JHU019	Human	Oropharyngeal squamous cell carcinoma	CVCL_5989	PC-3	Human	Prostate carcinoma	CVCL_0035	Zhao et al, 2011	21868764
JHU028	Human	Oral squamous cell carcinoma	CVCL_5992	A549	Human	Lung carcinoma	CVCL_0023	Zhao et al, 2011	21868764
JMAR (Tu-167 derivative)	Human	Oral squamous cell carcinoma	CVCL_1Q86	UM-SCC-1	Human	Oral squamous cell carcinoma (recurrence)	CVCL_7707	Zhao et al, 2011	21868764
JOSK-I	Human	Leukemia, acute myeloid, M4	CVCL_2082	U-937	Human	Lymphoma, histiocytic	CVCL_0007	MacLeod et al, 1999; Drexler et al, 2003	10508494, 12592342
JOSK-K	Human	Leukemia, acute myeloid, M5	CVCL_8141	U-937	Human	Lymphoma, histiocytic	CVCL_0007	MacLeod et al, 1999; Drexler et al, 2003	10508494, 12592342
JOSK-M	Human	Leukemia, chronic myeloid, blast crisis	CVCL_2083	U-937	Human	Lymphoma, histiocytic	CVCL_0007	MacLeod et al, 1999; Drexler et al, 2003	10508494, 12592342
JOSK-S	Human	Leukemia, acute myeloid, M5	CVCL_8142	U-937	Human	Lymphoma, histiocytic	CVCL_0007	MacLeod et al, 1999; Drexler et al, 2003	10508494, 12592342
JTC-17	Human	Skin	CVCL_8362	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	Honma et al, 1992; JCRB website	1730567
JTC-3	Human	Not specified	CVCL_A034	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	Ogura et al, 1997	9556756
K051	Human	Leukemia, acute myeloid, M2	CVCL_3000	K-562	Human	Leukemia, chronic myeloid, blast crisis	CVCL_0004	Drexler et al, 2003	12592342
K1	Human	Thyroid, papillary carcinoma	CVCL_2537	GLAG-66	Human	Thyroid, papillary carcinoma	CVCL_9918	Ribeiro et al, 2008; Schweppe et al, 2008	19087340, 18713817
K2	Human	Thyroid, papillary carcinoma	CVCL_6308	GLAG-66	Human	Thyroid, papillary carcinoma	CVCL_9918	Ribeiro et al, 2008; Schweppe et al, 2008	19087340, 18713817
KAK1	Human	Thyroid, follicular adenoma	CVCL_6301	HT-29	Human	Colon carcinoma	CVCL_0320	van Staveren et al, 2007; Schweppe et al, 2008	17804723, 18713817
KAT10	Human	Thyroid, papillary carcinoma	CVCL_6302	HT-29	Human	Colon carcinoma	CVCL_0320	van Staveren et al, 2007; Schweppe et al, 2008	17804723, 18713817
KAT4	Human	Thyroid, anaplastic carcinoma	CVCL_6304	HT-29	Human	Colon carcinoma	CVCL_0320	van Staveren et al, 2007; Schweppe et al, 2008	17804723, 18713817
KAT5	Human	Thyroid, papillary carcinoma	CVCL_0370	HT-29	Human	Colon carcinoma	CVCL_0320	Schweppe et al, 2008	18713817
KAT50	Human	Thyroid, differentiated cells	CVCL_6305	HT-29	Human	Colon carcinoma	CVCL_0320	Schweppe et al, 2008	18713817

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KAT7	Human	Thyroid, benign follicular hyperplasia	CVCL_6306	HT-29	Human	Colon carcinoma	CVCL_0320	Schwepe et al, 2008	18713817
KB	Human	Oral carcinoma	CVCL_0372	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	Gartler, 1967; Lavappa et al, 1976; Nelson-Rees et al, 1981	4864103, 1250349, 6451928
KB-3-1	Human	Oral carcinoma	CVCL_2088	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	DSMZ website	No PMID
KB-V1	Human	Oral carcinoma	CVCL_2089	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	DSMZ website	No PMID
KCI-MOH1	Human	Pancreatic carcinoma	CVCL_2090	HPAC	Human	Pancreatic carcinoma	CVCL_3517	DSMZ website	No PMID
KM20	Human	Colon carcinoma	CVCL_L095	HT-29	Human	Colon carcinoma	CVCL_0320	Roschke et al, 2005	15703300
KM20L2 (KM20 derivative)	Human	Colon carcinoma	CVCL_D889	HT-29	Human	Colon carcinoma	CVCL_0320	Roschke et al, 2005	15703300
KM-3	Human	Leukemia, acute lymphoblastic, B cell precursor	CVCL_0011	REH	Human	Leukemia, acute lymphoblastic, B cell precursor	CVCL_1650	Drexler et al, 2003	12592342
KM3	Human	Melanoma	CVCL_1R51	Unknown	Rat	Not specified	None	Moseley et al, 2003	12740908
KMS-21-BM	Human	Myeloma	CVCL_2991	Unknown	Human	Unknown	None	Drexler et al, 2003	12592342
KMT-2	Human	Umbilical cord blood	CVCL_5301	KG-1	Human	Leukemia	CVCL_0374	Yoshino et al, 2006	16643607
KNS-89	Human	Gliosarcoma	CVCL_2800	U-251 MG	Human	Glioblastoma	CVCL_0021	JCRB website	No PMID
KOSC-3	Human	Oral carcinoma	CVCL_2789	Ca9-22	Human	Oral carcinoma	CVCL_1102	JCRB website	No PMID
KP-1N	Human	Pancreatic carcinoma	CVCL_3002	PANC-1	Human	Pancreatic carcinoma	CVCL_0480	JCRB website	No PMID
KPB-M15	Human	Leukemia, chronic myeloid, blast crisis	CVCL_5308	KYO-1	Human	Leukemia, chronic myeloid, blast crisis	CVCL_2095	Drexler et al, 2003	12592342
KPL-1	Human	Breast carcinoma	CVCL_2094	MCF-7	Human	Breast carcinoma	CVCL_0031	DSMZ website	No PMID
KP-P1	Human	Prostate carcinoma	CVCL_D283	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	Nelson-Rees et al, 1981	6451928
KSY-1	Human	Sarcoma (Kaposi)	CVCL_F660	T-24	Human	Bladder carcinoma	CVCL_0554	Stürzl et al, 2012; ATCC FAQ #1061	22987579
KU7	Human	Bladder carcinoma	CVCL_4714	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	Jäger et al, 2013	23500642
KU-YS	Human	Neuroblastoma	CVCL_E131	KU-SN	Human	Neuroectodermal tumor	CVCL_8730	RIKEN website	No PMID
L-132	Human	Lung cells, embryonic	CVCL_1908	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	Lavappa, 1978; Nelson-Rees et al, 1981	566722, 6451928
L-41 (J96 derivative)	Human	Leukemia, bone marrow	CVCL_7170	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	ECACC website	No PMID
LC5 (L-132 derivative)	Human	Lung cells, embryonic	CVCL_5G52	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	Lavappa, 1978; Nelson-Rees et al, 1981	566722, 6451928

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LC5-HIV (L-132 derivative)	Human	Lung cells, embryonic	CVCL_5G53	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	Lavappa, 1978; Nelson-Rees et al, 1981	566722, 6451928
LED-Ti	Human	Cervical carcinoma	CVCL_8438	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	Nelson-Rees et al, 1981	6451928
LLC-15MB	Human	Breast carcinoma	CVCL_B055	M14	Human	Melanoma	CVCL_1395	Thompson et al, 2004	15679051
LN-319	Human	Glioma, anaplastic astrocytoma	CVCL_3958	LN-992	Human	Glioblastoma	CVCL_6845	Bady et al, 2012	22570425
LN-443	Human	Glioblastoma	CVCL_3960	LN-444	Human	Glioblastoma, recurrence (different donor)	CVCL_3961	Bady et al, 2012	22570425
LR10.6	Human	Leukemia, acute lymphoblastic, B cell precursor	CVCL_8260	NALM-6	Human	Leukemia, acute lymphoblastic, B cell precursor	CVCL_0092	MacLeod et al, 1999; Drexler et al, 2003	10508494, 12592342
LT-1	Frog, grass	Kidney, renal adenocarcinoma	CVCL_1R49	TH and FHM	TH = box turtle; FHM = fathead minnow	TH = heart; FHM = unspecified	CVCL_3820 / CVCL_4324	Nelson-Rees et al, 1981	6451928
LU	Human	Lung cells, fetal	CVCL_M631	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	Nelson-Rees et al, 1981	6451928
LU 106	Human	Lung cells, embryonic	CVCL_8892	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	Nelson-Rees et al, 1981	6451928
Lu-130	Human	Lung carcinoma	CVCL_6862	Lu-134A, B	Human	Lung carcinoma	CVCL_1387 / CVCL_1388	Yoshino et al, 2006	16643607
M10T	Human	Synovial cell	CVCL_M094	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	Nelson-Rees et al, 1981	6451928
M4A4 and derivatives (MDA-MB-435 derivatives)	Human	Breast carcinoma	CVCL_B057	M14	Human	Melanoma	CVCL_1395	ATCC website	No PMID
MA-1	Human	Lymphoma, MALT	CVCL_M665	Pfeiffer	Human	Lymphoma, non-Hodgkin	CVCL_3326	Capes-Davis et al, 2013	23907998
MA-104	Monkey, Rhesus ( <i>Macaca mulatta</i> )	Kidney, embryonic renal cells	CVCL_3845	Unknown, possibly Vero	Monkey, African green ( <i>Cercopithecus aethiops</i> )	Kidney, normal renal cells	None	Whitaker and Hayward, 1985; Milanesi et al, 2003; ATCC FAQ #1067	4043530, 14505435
MA-111	Rabbit	Kidney, newborn	CVCL_U963	Unknown, possibly Vero	Monkey, African green ( <i>Cercopithecus aethiops</i> )	Kidney, normal renal cells	None	Nelson-Rees et al, 1981	6451928
MA-160	Human	Prostate adenoma	CVCL_8261	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	Nelson-Rees, 1977; Nelson-Rees et al, 1981	562836, 6451928
Mash-1	Human	Schwannoma	CVCL_8158	MMac	Human	Melanoma	CVCL_5951	Yoshino et al, 2006; ICLAC correspondence	16643607
MaTu	Human	Breast carcinoma	CVCL_5328	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	MacLeod et al, 1999	10508494
MC-4000	Human	Breast carcinoma	CVCL_5331	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	MacLeod et al, 1999	10508494
McCoy	Human	Not specified	CVCL_3742	Strain L	Mouse	Connective tissue	CVCL_0462	Nelson-Rees et al, 1981	6451928
MCF-7/AdrR (NCI/ADR-RES)	Human	Breast carcinoma	CVCL_1452	OVCAR-8	Human	Ovarian carcinoma	CVCL_1629	Liscovitch and Ravid, 2007	16504380

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MDA-MB-435	Human	Breast carcinoma	CVCL_0417	M14	Human	Melanoma	CVCL_1395	Ellison et al, 2002; Christgen et al, 2007; Rae et al, 2007	12354931, 17786032, 17004106
MDA-N (MDA-MB-435 derivative)	Human	Breast carcinoma, HER2/ERBB2-transfected	CVCL_1910	M14	Human	Melanoma	CVCL_1395	Lorenzi et al, 2009	19372543
MDS	Human	Leukemia, chronic myelomonocytic	CVCL_L807	JURKAT	Human	Leukemia, acute lymphoblastic, T cell	CVCL_0065	Drexler et al, 2003	12592342
MEL-HO	Human	Melanoma	CVCL_1402	MEL-HO, MEL-WEI (synonymous cell lines, donor origin unknown)	Human	Unknown	CVCL_1402 / CVCL_3981	MacLeod et al, 1999	10508494
MEL-WEI	Human	Melanoma	CVCL_3981	MEL-HO, MEL-WEI (synonymous cell lines, donor origin unknown)	Human	Unknown	CVCL_1402 / CVCL_3981	MacLeod et al, 1999	10508494
MGH-U1 (EJ)	Human	Bladder carcinoma	CVCL_2443	T-24	Human	Bladder carcinoma	CVCL_0554	O'Toole et al, 1983; Lin et al, 1985	6823318, 4027986
MGH-U2 (HM)	Human	Bladder carcinoma	CVCL_9826	T-24	Human	Bladder carcinoma	CVCL_0554	O'Toole et al, 1983; Lin et al, 1985	6823318, 4027986
MHH-225	Human	Leukemia, acute myeloid, M7	CVCL_8894	JURKAT	Human	Leukemia, acute lymphoblastic, T cell	CVCL_0065	Drexler et al, 2003	12592342
Minnesota EE	Human	Esophageal epithelium	CVCL_8264	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	Gartler, 1967; Lavappa, 1978; Nelson-Rees et al, 1981	4864103, 566722, 6451928
MKB-1	Human	Leukemia, acute myeloid	CVCL_8265	CCRF-CEM	Human	Leukemia, acute lymphoblastic, T cell	CVCL_0207	MacLeod et al, 1999; Drexler et al, 2003	10508494, 12592342
MKN28	Human	Gastric carcinoma	CVCL_1416	MKN74	Human	Gastric carcinoma	CVCL_2791	JCRB website	No PMID
MOBS-1	Human	Leukemia, acute myeloid, M5	CVCL_8442	U-937	Human	Lymphoma, histiocytic	CVCL_0007	Drexler et al, 2003	12592342
MOLT-15	Human	Leukemia, acute lymphoblastic, T cell	CVCL_8150	CTV-1	Human	Leukemia, acute myeloid, M5	CVCL_1150	MacLeod et al, 1999; Drexler et al, 2003	10508494, 12592342
MPanc-96	Human	Pancreatic carcinoma	CVCL_7165	AsPC-1	Human	Pancreatic carcinoma	CVCL_0152	ATCC website	No PMID
MRO87-1	Human	Thyroid, follicular carcinoma	CVCL_6310	HT-29	Human	Colon carcinoma	CVCL_0320	Schweppe et al, 2008	18713817
MS (Monkey Stable)	Monkey	Kidney, normal renal cells	CVCL_4243	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	Milanesi et al, 2003	14505435
MT-1 [Multiple cell lines with same name, see Cellosaurus]	Human	Breast carcinoma	CVCL_0441	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	MacLeod et al, 1999	10508494
MT-3 [Multiple cell lines with same name, see Cellosaurus]	Human	Breast carcinoma	CVCL_2129	LS-174T (LS-180 derivative)	Human	Colon carcinoma	CVCL_1384	Yu et al, 2015	25877200
MUTZ-1	Human	Leukemia, acute myeloid, M2	CVCL_1431	Namalwa	Human	Lymphoma, Burkitt	CVCL_0067	Drexler et al, 2009	19344951

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MV522	Human	Lung carcinoma	CVCL_7204	HT-29	Human	Colon carcinoma	CVCL_0320	ATCC FAQ #1075	No PMID
NC-37	Human	Lymphoblastoid cell line, normal donor	CVCL_3042	Raji	Human	Lymphoma, Burkitt	CVCL_0511	JCRB website	No PMID
NCC16	Human	Cervical carcinoma	CVCL_U219	PHK16-0b	Human	Skin, immortalised keratinocytes	CVCL_3123	JCRB website	No PMID
NCI-H1264	Human	Lung carcinoma	CVCL_3970	NCI-H157, NCI-H1264 (synonymous cell lines, donor origin unknown)	Human	Lung carcinoma	CVCL_0463 / CVCL_3970	ATCC FAQ #930, #931	No PMID
NCI-H1304	Human	Lung carcinoma, small cell	CVCL_1462	NCI-H1304, NCI-H1870 (synonymous cell lines, donor origin unknown)	Human	Lung carcinoma, small cell	CVCL_1502 / CVCL_1462	ATCC FAQ #1069	No PMID
NCI-H1514	Human	Lung carcinoma	CVCL_4363	Unknown	Human	Unknown	None	Durkin et al, 2000; ATCC website	10949990
NCI-H157	Human	Lung carcinoma	CVCL_0463	NCI-H157, NCI-H1264 (synonymous cell lines, donor origin unknown)	Human	Lung carcinoma	CVCL_0463 / CVCL_3970	ATCC FAQ #930, #931	No PMID
NCI-H1622	Human	Lung carcinoma	CVCL_4364	Unknown	Human	Unknown	None	ATCC website	No PMID
NCI-H1870	Human	Lung carcinoma, small cell	CVCL_1502	NCI-H1304, NCI-H1870 (synonymous cell lines, donor origin unknown)	Human	Lung carcinoma, small cell	CVCL_1502 / CVCL_1462	ATCC FAQ #1069	No PMID
NCI-H249	Human	Lung carcinoma, small cell	CVCL_A537	NCI-H69	Human	Lung carcinoma, small cell	CVCL_1579	ATCC FAQ #1073	No PMID
NCI-H513	Human	Mesothelioma	CVCL_A570	NCI-H125	Human	Lung carcinoma	CVCL_3968	ATCC FAQ #1060	No PMID
NCI-H592	Human	Lung carcinoma, small cell	CVCL_A590	NCI-H69	Human	Lung carcinoma, small cell	CVCL_1579	ATCC FAQ #1070, #1073	No PMID
NCI-H60	Human	Lung carcinoma, small cell	CVCL_A592	NCI-N417	Human	Lung carcinoma, small cell	CVCL_1602	ATCC FAQ #1064	No PMID
NCI-H630	Human	Metastatic sample	CVCL_1572	Mixture	Human	Unknown	None	ATCC FAQ #1065	No PMID
NCI-H738	Human	Lung carcinoma	CVCL_4365	Unknown	Human	Unknown	None	ATCC website	No PMID
NCOL-1	Human	Intestinal cells, normal colon	CVCL_8375	LoVo	Human	Colon carcinoma	CVCL_0399	Melcher et al, 2005	15771911
NCTC 2544	Human	Skin epithelium	CVCL_0461	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	Gartler, 1967; Lavappa, 1978; Nelson-Rees et al, 1981	4864103, 566722, 6451928
NCTC 3075	Human	Not specified	CVCL_8156	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	Lavappa, 1978; Nelson-Rees et al, 1981	566722, 6451928
ND-1	Human	Prostate carcinoma	CVCL_4781	DU-145	Human	Prostate carcinoma	CVCL_0105	van Bokhoven et al, 2001	11304728
NM2C5 and derivatives (MDA-MB-435 derivatives)	Human	Breast carcinoma	CVCL_B064	M14	Human	Melanoma	CVCL_1395	ATCC website	No PMID
NOI-90	Human	Lymphoma, non-Hodgkin, natural killer cell	CVCL_8462	REH	Human	Leukemia, acute lymphoblastic, B cell precursor	CVCL_1650	Drexler et al, 2003	12592342
NOSE06	Human	Ovary, normal	CVCL_X010	DOV-13	Human	Ovarian carcinoma	CVCL_6774	Korch et al, 2012	22710073
NOSE07	Human	Ovary, normal	CVCL_X011	DOV-13	Human	Ovarian carcinoma	CVCL_6774	Korch et al, 2012	22710073

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NPA87	Human	Thyroid, papillary carcinoma	CVCL_0467	M14	Human	Melanoma	CVCL_1395	Schweppe et al, 2008; Zhao et al, 2011	18713817, 21868764
NS-3	Human	Gastric carcinoma	CVCL_8377	COLO 201	Human	Colon carcinoma	CVCL_1987	JCRB website	No PMID
OCM-3	Human	Melanoma, primary uveal	CVCL_6937	SK-MEL-28	Human	Melanoma, primary skin	CVCL_0526	Folberg et al, 2008; Griewank et al, 2012	18689700, 22236444
OCM-8	Human	Melanoma, primary uveal	CVCL_6938	SK-MEL-28	Human	Melanoma, primary skin	CVCL_0526	Folberg et al, 2008; Griewank et al, 2012	18689700, 22236444
OCUM-6	Human	Gastric carcinoma	CVCL_8387	OCUM-11	Human	Gastric carcinoma	CVCL_8379	JCRB website	No PMID
OE	Human	Endometrium	CVCL_J350	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	Nelson-Rees et al, 1981; Ogura et al, 1997	6451928, 9556756
OF	Human	Not specified	CVCL_M621	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	Ogura et al, 1997	9556756
OLGA-PH-J/92 (OL-J/92)	Crayfish, <i>Orconectes limosus</i>	Brain, cerebral ganglion	CVCL_U272	Unknown	Unknown, similar to amoeba species	Unknown	None	Lee et al, 2011; ATCC website	21938590
ONCO-DG-1	Human	Thyroid, papillary carcinoma	CVCL_1882	OVCAR-3	Human	Ovarian carcinoma	CVCL_0465	DSMZ website	No PMID
OS 187	Human	Sarcoma (osteosarcoma)	CVCL_1R50	HCT-15	Human	Colon carcinoma	CVCL_0292	Zhang et al, 2013 [retraction]	24046071
OST	Human	Sarcoma (osteosarcoma)	CVCL_8399	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	Personal communication, R. Nardone	No PMID
OU-AML-1	Human	Leukemia, acute myeloid, M4	CVCL_8391	OCI/AML2	Human	Leukemia, acute myeloid, M4	CVCL_1619	Drexler et al, 2003	12592342
OU-AML-2	Human	Leukemia, acute myeloid, M2	CVCL_8392	OCI/AML2	Human	Leukemia, acute myeloid, M4	CVCL_1619	Drexler et al, 2003	12592342
OU-AML-3	Human	Leukemia, acute myeloid, M4	CVCL_8393	OCI/AML2	Human	Leukemia, acute myeloid, M4	CVCL_1619	Drexler et al, 2003	12592342
OU-AML-4	Human	Leukemia, acute myeloid, M2	CVCL_8394	OCI/AML2	Human	Leukemia, acute myeloid, M4	CVCL_1619	Drexler et al, 2003	12592342
OU-AML-5	Human	Leukemia, acute myeloid, M5	CVCL_8395	OCI/AML2	Human	Leukemia, acute myeloid, M4	CVCL_1619	Drexler et al, 2003	12592342
OU-AML-6	Human	Leukemia, acute myeloid, M1	CVCL_8396	OCI/AML2	Human	Leukemia, acute myeloid, M4	CVCL_1619	Drexler et al, 2003	12592342
OU-AML-7	Human	Leukemia, acute myeloid, M4	CVCL_8397	OCI/AML2	Human	Leukemia, acute myeloid, M4	CVCL_1619	Drexler et al, 2003	12592342
OU-AML-8	Human	Leukemia, acute myeloid, M4	CVCL_8398	OCI/AML2	Human	Leukemia, acute myeloid, M4	CVCL_1619	Drexler et al, 2003	12592342
OV-1063	Human	Ovarian carcinoma	CVCL_4366	DU-145	Human	Prostate carcinoma	CVCL_0105	ATCC website; personal communication, E. Hall	No PMID
OV2008 (A2008)	Human	Ovarian carcinoma	CVCL_0473	ME-180	Human	Cervical carcinoma	CVCL_1401	Korch et al, 2012	22710073
Ovary1847	Human	Ovarian carcinoma	CVCL_D703	NIH:OVCAR-8	Human	Ovarian carcinoma	CVCL_1629	Korch et al, 2012	22710073
OVMIU	Human	Ovarian carcinoma	CVCL_3112	OVSAYO	Human	Ovarian carcinoma	CVCL_3115	JCRB website	No PMID



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P1-1A3	Human	Thymic epithelium	CVCL_A042	SK-HEP-1	Human	Liver carcinoma	CVCL_0525	MacLeod et al, 1999	10508494
P1-4D6	Human	Thymic epithelium	CVCL_A046	SK-HEP-1	Human	Liver carcinoma	CVCL_0525	MacLeod et al, 1999	10508494
P39/TSUGANE (P39/TSU)	Human	Leukemia, acute myeloid, M2	CVCL_0478	HL-60	Human	Leukemia, acute myeloid, M2	CVCL_0002	Drexler et al, 2003; JCRB website	12592342
Panc 01.28	Human	Pancreatic adenocarcinoma	CVCL_7666	Panc 01.28, Panc 06.03 (synonymous cell lines, donor origin unknown)	Human	Pancreatic adenocarcinoma	CVCL_7666 / CVCL_7665	Yu et al, 2015	25877200
Panc 06.03	Human	Pancreatic adenocarcinoma	CVCL_7665	Panc 01.28, Panc 06.03 (synonymous cell lines, donor origin unknown)	Human	Pancreatic adenocarcinoma	CVCL_7666 / CVCL_7665	Yu et al, 2015	25877200
PBEI	Human	Leukemia, acute lymphoblastic, B cell precursor	CVCL_8270	NALM-6	Human	Leukemia, acute lymphoblastic, B cell precursor	CVCL_0092	MacLeod et al, 1999; Drexler et al, 2003	10508494, 12592342
PC-93	Human	Prostate carcinoma	CVCL_4888	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	van Bokhoven et al, 2003	14518029
PC-MDS	Human	Myelodysplastic syndrome, therapy-related	CVCL_1Q81	K-562	Human	Leukemia, chronic myeloid, blast crisis	CVCL_0004	Drexler et al, 2009	19344951
PCI-22A	Human	Oral squamous cell carcinoma	CVCL_1T56	Unknown, does not match other cell line from same donor	Human	Unknown	None	Zhao et al, 2011	21868764
PCI-22B	Human	Oral squamous cell carcinoma (lymph node)	CVCL_1T57	Unknown, does not match other cell line from same donor	Human	Unknown	None	Zhao et al, 2011	21868764
PCI-3	Human	Oropharyngeal squamous cell carcinoma	CVCL_C169	PC-3	Human	Prostate carcinoma	CVCL_0035	Zhao et al, 2011	21868764
PEAZ-1	Human	Prostate carcinoma	CVCL_8437	HT-1080	Human	Sarcoma (fibrosarcoma)	CVCL_0317	van Bokhoven, 2004; Schmelz et al, 2001 [erratum]	11433418 [erratum]
PH61-N	Human	Not specified	CVCL_D282	MIA PaCa-2	Human	Pancreatic carcinoma	CVCL_0428	JCRB website	No PMID
PLB-985	Human	Leukemia, acute myeloid, M4	CVCL_2162	HL-60	Human	Leukemia, acute myeloid, M2	CVCL_0002	Drexler et al, 2003	12592342
PPC-1	Human	Prostate carcinoma	CVCL_4778	PC-3	Human	Prostate carcinoma	CVCL_0035	Chen, 1993	8428522
PSV811	Human	Skin fibroblast, Werner's syndrome	CVCL_3142	WI-38	Human	Lung, normal diploid fibroblasts	CVCL_0579	JCRB website	No PMID
RAMAK-1	Human	Muscle synovium	CVCL_8271	T-24	Human	Bladder carcinoma	CVCL_0554	MacLeod et al, 1999	10508494
RB	Human	Lymphoma, Hodgkin	CVCL_L985	OMK-210	Monkey, Owl ( <i>Aotus trivirgatus</i> )	Kidney, normal renal cells	CVCL_L983	Nelson-Rees et al, 1981; Drexler et al, 2003	6451928, 12592342
RBHF-1	Human	Liver, hepatoma	CVCL_Y465	Unknown	Non-human	Unknown	None	MacLeod et al, 1999	10508494
RC-2A	Human	Leukemia, acute myeloid, M4	CVCL_L808	CCRF-CEM	Human	Leukemia, acute lymphoblastic, T cell	CVCL_0207	Drexler et al, 2003	12592342
RED-3	Human	Leukemia, acute myeloid	CVCL_8907	HL-60	Human	Leukemia, acute myeloid, M2	CVCL_0002	Drexler et al, 2003	12592342

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REH-6	Human	Leukemia, acute lymphoblastic, B cell precursor	CVCL_L803	Unknown	Mouse	Unknown	None	Drexler et al, 2003	12592342
REPC	Human	Kidney, normal renal cells	CVCL_W815	Hep 3B	Human	Liver, hepatocellular carcinoma	CVCL_0326	Frede et al, 2014 [retraction]	21406725
RERF-LC-MA	Human	Lung carcinoma, small cell	CVCL_3153	SK-MES-1	Human	Lung, squamous cell	CVCL_0630	Capes-Davis et al, 2013	23136038
RERF-LC-OK	Human	Lung carcinoma	CVCL_3154	Marcus	Human	Astrocytoma	CVCL_3019	JCRB website	No PMID
RGC-5	Rat	Retinal ganglion	CVCL_4059	661W	Mouse	Retina, photoreceptor cells	CVCL_6240	Van Bergen et al, 2009; Krishnamoorthy et al, 2013	19443730, 23975727
RM-10	Human	Leukemia, chronic myeloid, blast crisis	CVCL_8463	K-562	Human	Leukemia, chronic myeloid, blast crisis	CVCL_0004	Drexler et al, 2003	12592342
RMUG-L	Human	Ovarian carcinoma	CVCL_3157	SNG-II	Human	Endometrial carcinoma	CVCL_3170	JCRB website	No PMID
RO-D81-1	Human	Thyroid, medullary carcinoma	CVCL_M779	HT-29	Human	Colon carcinoma	CVCL_0320	Dadon et al, 2013	23472229
RO-H85-1	Human	Thyroid, medullary carcinoma	CVCL_A666	647-V	Human	Bladder carcinoma	CVCL_1049	Dadon et al, 2013	23472229
RPMI-4788	Human	Colon carcinoma	CVCL_0U46	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	Capes-Davis et al, 2013	23136038
RPMI-6666	Human	Lymphoma, Hodgkin	CVCL_1665	Correct name, incorrect cell type	Human	EBV+ B-lymphoblastoid cell line	None	Drexler et al, 2003	12592342
RPTC-1	Human	Thyroid, papillary carcinoma	CVCL_V277	TPC-1	Human	Thyroid, papillary carcinoma	CVCL_6298	Zhao et al, 2011	21868764
RS-1	Human	Leukemia, acute myeloid, M7	CVCL_8423	K-562	Human	Leukemia, chronic myeloid, blast crisis	CVCL_0004	Drexler et al, 2003	12592342
RTSG	Human	Ovarian carcinoma	CVCL_1671	SNG-II	Human	Endometrial carcinoma	CVCL_3170	JCRB website	No PMID
RY	Human	Lymphoma, Hodgkin	CVCL_U964	Unknown	Monkey	Unknown	None	Harris et al, 1981; Drexler et al, 2003	7192801, 12592342
SA4	Human	Sarcoma (liposarcoma)	CVCL_8910	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	Nelson-Rees et al, 1981	6451928
SAM-1	Human	Leukemia, chronic myeloid, blast crisis	CVCL_8440	K-562	Human	Leukemia, chronic myeloid, blast crisis	CVCL_0004	Drexler et al, 2003	12592342
SAML-1	Human	Lymphoma, Hodgkin	CVCL_9997	U-937	Human	Lymphoma, histiocytic	CVCL_0007	ATCC FAQ #1074	No PMID
SBC-2	Human	Bladder carcinoma	CVCL_1677	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	MacLeod et al, 1999	10508494
SBC-7	Human	Bladder carcinoma	CVCL_1680	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	MacLeod et al, 1999	10508494
SCCTF	Human	Oral squamous cell carcinoma	CVCL_0517	SCCKN	Human	Oral squamous cell carcinoma	CVCL_5362	Yoshino et al, 2006	16643607
SCLC-16H	Human	Lung carcinoma, small cell	CVCL_X025	SCLC-21/22H	Human	Lung carcinoma, small cell	CVCL_0024 / CVCL_2186	MacLeod et al, 1999	10508494
SCLC-24H	Human	Lung carcinoma, small cell	CVCL_8262	SCLC-21/22H	Human	Lung carcinoma, small cell	CVCL_0024 / CVCL_2186	MacLeod et al, 1999	10508494
SEG-1	Human	Esophageal adenocarcinoma	CVCL_8113	NCI-H460	Human	Lung carcinoma, large cell	CVCL_0459	Boonstra et al, 2010	20075370
SF767	Human	Glioma, anaplastic astrocytoma	CVCL_6950	ME-180	Human	Cervical carcinoma	CVCL_1401	Bady et al, 2012	22570425
SH-2	Human	Breast carcinoma	CVCL_M622	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	Nelson-Rees et al, 1981	6451928

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SH-3	Human	Breast carcinoma	CVCL_M383	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	Nelson-Rees et al, 1981	6451928
SJPL	Pig, <i>Sus scrofa</i>	Lung cells, immortalized epithelial	CVCL_1T04	Unknown	Monkey, African green ( <i>Cercopithecus aethiops</i> )	Unknown	None	Silversides et al, 2010	20200241
SK-GT-5	Human	Esophageal adenocarcinoma	CVCL_8114	SK-GT-2	Human	Gastric carcinoma (gastric fundus)	CVCL_2194	Boonstra et al, 2010	20075370
SK-MG-1	Human	Astrocytoma	CVCL_1698	Marcus	Human	Astrocytoma	CVCL_3019	JCRB website	No PMID
SK-N-MC	Human	Neuroblastoma	CVCL_0530	Unknown	Human	Sarcoma (Ewing's)	None	Staeger et al, 2004	15548687
SK-OV-4	Human	Ovarian carcinoma	CVCL_X008	C-33A	Human	Cervical carcinoma	CVCL_1094	Korch et al, 2012	22710073
SK-OV-6	Human	Ovarian carcinoma	CVCL_A457	C-33A	Human	Cervical carcinoma	CVCL_1094	Korch et al, 2012	22710073
SKW-3	Human	Leukemia, chronic lymphocytic, T cell	CVCL_2197	KE-37	Human	Leukemia, acute lymphoblastic	CVCL_1327	DSMZ website	No PMID
SLK	Human	Sarcoma (Kaposi)	CVCL_9569	Caki-1	Human	Renal cell carcinoma	CVCL_0234	Stürzl et al, 2012	22987579
SNB-19	Human	Glioblastoma	CVCL_0535	U-251 MG	Human	Glioblastoma	CVCL_0021	Azari et al, 2007; ATCC website	17254797
SPI-801	Human	Leukemia, acute lymphoblastic, T cell	CVCL_2200	K-562	Human	Leukemia, chronic myeloid, blast crisis	CVCL_0004	Gignac et al, 1993; Drexler et al, 2003	8220135, 12592342
SPI-802	Human	Leukemia, acute lymphoblastic, T cell	CVCL_2201	K-562	Human	Leukemia, chronic myeloid, blast crisis	CVCL_0004	Gignac et al, 1993; Drexler et al, 2003	8220135, 12592342
SpR	Human	Lymphoma, Hodgkin	CVCL_L986	OMK-210	Monkey, Owl ( <i>Aotus trivirgatus</i> )	Kidney, normal renal cells	CVCL_L983	Nelson-Rees et al, 1981; Drexler et al, 2003	6451928, 12592342
SQ-5	Human	Lung carcinoma	CVCL_8273	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	Yoshino et al, 2006	16643607
SR-91	Human	Leukemia, acute lymphoblastic, T cell	CVCL_8441	AML-193	Human	Leukemia, acute myeloid, M5	CVCL_1071	Drexler et al, 2003	12592342
SW-527	Human	Colon carcinoma	CVCL_3799	SW-480, SW-620	Human	Colon carcinoma	CVCL_0546 / CVCL_0547	Nelson-Rees et al, 1981	6451928
SW-598	Human	Colon carcinoma	CVCL_F649	SW-480, SW-620	Human	Colon carcinoma	CVCL_0546 / CVCL_0547	Nelson-Rees et al, 1981	6451928
SW-608	Human	Colon carcinoma	CVCL_F653	SW-480, SW-620	Human	Colon carcinoma	CVCL_0546 / CVCL_0547	Nelson-Rees et al, 1981	6451928
SW-613	Human	Colon carcinoma	CVCL_F650	SW-480, SW-620	Human	Colon carcinoma	CVCL_0546 / CVCL_0547	Nelson-Rees et al, 1981	6451928
SW-732	Human	Colon carcinoma	CVCL_F651	SW-480, SW-620	Human	Colon carcinoma	CVCL_0546 / CVCL_0547	Nelson-Rees et al, 1981	6451928
SW-733	Human	Colon carcinoma	CVCL_F652	SW-480, SW-620	Human	Colon carcinoma	CVCL_0546 / CVCL_0547	Nelson-Rees et al, 1981	6451928
T-1	Human	Kidney, normal renal cells	CVCL_M858	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	Nelson-Rees et al, 1980; Nelson-Rees et al, 1981	7394535, 6451928
T1	Human	Neural stem cell	CVCL_1U15	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	Torsvik et al, 2012	22949886
T-33	Human	Leukemia, chronic myeloid, blast crisis	CVCL_8427	K-562	Human	Leukemia, chronic myeloid, blast crisis	CVCL_0004	Drexler et al, 2003	12592342

Misidentified Cell Line	Claimed Species	Claimed Cell Type	Misidentified Cell Line, Cellosaurus AC	Contaminating Cell Line	Actual Species	Actual Cell Type	Contaminating Cell Line, Cellosaurus AC	Misidentification Reported By	Reference PubMed ID
T404	Human	Oral squamous cell carcinoma	CVCL_1T20	T404, T406, Tu-138, Tu-158LN, Tu-159, Tu-182, Tu-212, Tu-212LN (synonymous cell lines, donor origin unknown)	Human	Head and neck squamous cell carcinoma	CVCL_1T20 / CVCL_1T19 / CVCL_4910 / CVCL_1T17 / CVCL_4911 / CVCL_4914 / CVCL_4915 / CVCL_1T18	Zhao et al, 2011	21868764
T406 [Multiple cell lines with same name, see Cellosaurus]	Human	Oral squamous cell carcinoma	CVCL_1T19	T404, T406, Tu-138, Tu-158LN, Tu-159, Tu-182, Tu-212, Tu-212LN (synonymous cell lines, donor origin unknown)	Human	Head and neck squamous cell carcinoma	CVCL_1T20 / CVCL_1T19 / CVCL_4910 / CVCL_1T17 / CVCL_4911 / CVCL_4914 / CVCL_4915 / CVCL_1T18	Zhao et al, 2011	21868764
T409	Human	Oral squamous cell carcinoma	CVCL_1Q88	UM-SCC-1	Human	Oral squamous cell carcinoma (recurrence)	CVCL_7707	Zhao et al, 2011	21868764
T-9 (WI-38 derivative)	Human	Lung cells, transformed normal diploid fibroblasts	CVCL_M092	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	Nelson-Rees et al, 1981	6451928
TCO-1	Human	Cervical carcinoma	CVCL_3179	TCS	Human	Cervical carcinoma	CVCL_8160	Yoshino et al, 2006	16643607
TDL-1	Human	Tonsillar lymphoid cells, non-neoplastic	CVCL_8428	P3JHR-1	Human	Lymphoma, Burkitt	CVCL_2676	Nelson-Rees et al, 1981	6451928
TDL-2	Human	Tonsillar lymphoid cells, non-neoplastic	CVCL_8429	P3JHR-1	Human	Lymphoma, Burkitt	CVCL_2676	Nelson-Rees et al, 1981	6451928
TDL-3	Human	Tonsillar lymphoid cells, non-neoplastic	CVCL_8430	RPMI 1788	Human	Lymphoblastoid cell line, normal donor	CVCL_2710	Nelson-Rees et al, 1981	6451928
TDL-4	Human	Tonsillar lymphoid cells, non-neoplastic	CVCL_8431	Raji	Human	Lymphoma, Burkitt	CVCL_0511	Nelson-Rees et al, 1981	6451928
TE-12	Human	Esophageal squamous cell carcinoma	CVCL_1762	TE-2, TE-3, TE-7, TE-12, TE-13 (synonymous cell lines, donor origin unknown)	Human	Esophageal squamous cell carcinoma	CVCL_4455 / CVCL_9971 / CVCL_9972 / CVCL_1762 / CVCL_4463	Boonstra et al, 2007	17804709
TE-13	Human	Esophageal squamous cell carcinoma	CVCL_4463	TE-2, TE-3, TE-7, TE-12, TE-13 (synonymous cell lines, donor origin unknown)	Human	Esophageal squamous cell carcinoma	CVCL_4455 / CVCL_9971 / CVCL_9972 / CVCL_1762 / CVCL_4463	Boonstra et al, 2007	17804709
TE-2	Human	Esophageal squamous cell carcinoma	CVCL_4455	TE-2, TE-3, TE-7, TE-12, TE-13 (synonymous cell lines, donor origin unknown)	Human	Esophageal squamous cell carcinoma	CVCL_4455 / CVCL_9971 / CVCL_9972 / CVCL_1762 / CVCL_4463	Boonstra et al, 2007	17804709
TE-3	Human	Esophageal squamous cell carcinoma	CVCL_9971	TE-2, TE-3, TE-7, TE-12, TE-13 (synonymous cell lines, donor origin unknown)	Human	Esophageal squamous cell carcinoma	CVCL_4455 / CVCL_9971 / CVCL_9972 / CVCL_1762 / CVCL_4463	Boonstra et al, 2007	17804709
TE671	Human	Medulloblastoma	CVCL_1756	RD	Human	Sarcoma (rhabdomyosarcoma)	CVCL_1649	Stratton et al, 1989; Chen et al, 1989	2650908, 2739733

Misidentified Cell Line	Claimed Species	Claimed Cell Type	Misidentified Cell Line, Cellosaurus AC	Contaminating Cell Line	Actual Species	Actual Cell Type	Contaminating Cell Line, Cellosaurus AC	Misidentification Reported By	Reference PubMed ID
TE671 Subline No.2	Human	Medulloblastoma	CVCL_2731	RD	Human	Sarcoma (rhabdomyosarcoma)	CVCL_1649	ECACC website, ATCC FAQ #1063	No PMID
TE-7	Human	Esophageal adenocarcinoma	CVCL_9972	TE-2, TE-3, TE-7, TE-12, TE-13 (synonymous cell lines, donor origin unknown)	Human	Esophageal squamous cell carcinoma	CVCL_4455 / CVCL_9971 / CVCL_9972 / CVCL_1762 / CVCL_4463	Boonstra et al, 2007	17804709
TEC61	Human	Thyroid, endothelium	CVCL_7167	JEG3	Human	Choriocarcinoma	CVCL_0363	Patel et al, 2003 [retraction]	12388152
TI-1	Human	Leukemia, acute myeloid, M2	CVCL_L806	K-562	Human	Leukemia, chronic myeloid, blast crisis	CVCL_0004	Rush et al, 2002; Drexler et al, 2003	11871388, 12592342
TK-1	Human	Glioblastoma	CVCL_B325	U-251 MG	Human	Glioblastoma	CVCL_0021	JCRB website	No PMID
TMH-1	Human	Thyroid, benign goitre	CVCL_3219	IHH-4	Human	Thyroid, papillary thyroid carcinoma	CVCL_2960	JCRB website	No PMID
TMM	Human	Leukemia, chronic myeloid, blast crisis	CVCL_1894	Correct name, incorrect cell type	Human	EBV+ B-lymphoblastoid cell line	None	Drexler et al, 2003	12592342
TSU-Pr1	Human	Prostate carcinoma	CVCL_4014	T-24	Human	Bladder carcinoma	CVCL_0554	van Bokhoven et al, 2001	11522622
Tu-138	Human	Oral squamous cell carcinoma	CVCL_4910	T404, T406, Tu-138, Tu-158LN, Tu-159, Tu-182, Tu-212, Tu-212LN (synonymous cell lines, donor origin unknown)	Human	Head and neck squamous cell carcinoma	CVCL_1T20 / CVCL_1T19 / CVCL_4910 / CVCL_1T17 / CVCL_4911 / CVCL_4914 / CVCL_4915 / CVCL_1T18	Zhao et al, 2011	21868764
Tu-158LN	Human	Oropharyngeal squamous cell carcinoma	CVCL_1T17	T404, T406, Tu-138, Tu-158LN, Tu-159, Tu-182, Tu-212, Tu-212LN (synonymous cell lines, donor origin unknown)	Human	Head and neck squamous cell carcinoma	CVCL_1T20 / CVCL_1T19 / CVCL_4910 / CVCL_1T17 / CVCL_4911 / CVCL_4914 / CVCL_4915 / CVCL_1T18	Zhao et al, 2011	21868764
Tu-159	Human	Oropharyngeal squamous cell carcinoma	CVCL_4911	T404, T406, Tu-138, Tu-158LN, Tu-159, Tu-182, Tu-212, Tu-212LN (synonymous cell lines, donor origin unknown)	Human	Head and neck squamous cell carcinoma	CVCL_1T20 / CVCL_1T19 / CVCL_4910 / CVCL_1T17 / CVCL_4911 / CVCL_4914 / CVCL_4915 / CVCL_1T18	Zhao et al, 2011	21868764
Tu-167	Human	Oral squamous cell carcinoma	CVCL_4912	UM-SCC-1	Human	Oral squamous cell carcinoma (recurrence)	CVCL_7707	Zhao et al, 2011	21868764
Tu-182	Human	Oropharyngeal squamous cell carcinoma	CVCL_4914	T404, T406, Tu-138, Tu-158LN, Tu-159, Tu-182, Tu-212, Tu-212LN (synonymous cell lines, donor origin unknown)	Human	Head and neck squamous cell carcinoma	CVCL_1T20 / CVCL_1T19 / CVCL_4910 / CVCL_1T17 / CVCL_4911 / CVCL_4914 / CVCL_4915 / CVCL_1T18	Zhao et al, 2011	21868764

Misidentified Cell Line	Claimed Species	Claimed Cell Type	Misidentified Cell Line, Cellosaurus AC	Contaminating Cell Line	Actual Species	Actual Cell Type	Contaminating Cell Line, Cellosaurus AC	Misidentification Reported By	Reference PubMed ID
Tu-212	Human	Hypopharyngeal squamous cell carcinoma	CVCL_4915	T404, T406, Tu-138, Tu-158LN, Tu-159, Tu-182, Tu-212, Tu-212LN (synonymous cell lines, donor origin unknown)	Human	Head and neck squamous cell carcinoma	CVCL_1T20 / CVCL_1T19 / CVCL_4910 / CVCL_1T17 / CVCL_4911 / CVCL_4914 / CVCL_4915 / CVCL_1T18	Zhao et al, 2011	21868764
Tu-212LN	Human	Hypopharyngeal squamous cell carcinoma (lymph node)	CVCL_1T18	T404, T406, Tu-138, Tu-158LN, Tu-159, Tu-182, Tu-212, Tu-212LN (synonymous cell lines, donor origin unknown)	Human	Head and neck squamous cell carcinoma	CVCL_1T20 / CVCL_1T19 / CVCL_4910 / CVCL_1T17 / CVCL_4911 / CVCL_4914 / CVCL_4915 / CVCL_1T18	Zhao et al, 2011	21868764
TuWi	Human	Kidney, Wilms' tumor	CVCL_8275	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	Lavappa, 1978; Nelson-Rees et al, 1981	6451928
U-118 MG	Human	Glioblastoma	CVCL_0633	U-138 MG	Human	Glioblastoma	CVCL_0020	ATCC website	No PMID
UM-UC-2	Human	Bladder carcinoma	CVCL_8155	T-24	Human	Bladder carcinoma	CVCL_0554	Chiong et al, 2009	19375735
UM-UC-3-GFP (UM-UC-3 derivative)	Human	Bladder carcinoma, GFP-transfected	CVCL_1R40	Unknown, NOT UM-UC-3	Human	Unknown	None	Chiong et al, 2009	19375735
UPES/C	Human	Brain, non-neoplastic astrocytes	CVCL_1R55	Unknown	Rat	Unknown	None	Higgins et al, 2010	20951163
UPHHJA	Human	Glioblastoma	CVCL_1R56	Unknown	Rat	Unknown	None	Higgins et al, 2010	20951163
UTMB-460	Human	B-cells	CVCL_8276	CCRF-CEM	Human	Leukemia, acute lymphoblastic, T cell	CVCL_0207	Drexler et al, 2003	12592342
VC312R	Human	Medulloblastoma	CVCL_1R57	Unknown	Mixture, human + mouse	Unknown	None	Higgins et al, 2010	20951163
VM-CUB-III	Human	Bladder carcinoma	CVCL_9830	VM-CUB-I	Human	Bladder carcinoma	CVCL_1786	Masters et al, 1986	3708594
WiDr	Human	Colon carcinoma	CVCL_2760	HT-29	Human	Colon carcinoma	CVCL_0320	Chen et al, 1987	3472642
WISH	Human	Amnion, normal cells	CVCL_1909	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	Gartler, 1967; Lavappa, 1978; Nelson-Rees et al, 1981	4864103, 566722, 6451928
Wong-Kilbourne derivative (WKD)	Human	Conjunctiva	CVCL_2764	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	Lavappa, 1978; Nelson-Rees et al, 1981	566722, 6451928
WRL 68	Human	Liver, embryonic cells	CVCL_0581	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	ECACC website	No PMID
WSU-ALCL	Human	Lymphoma, anaplastic large cell	CVCL_A036	CCRF-CEM	Human	Leukemia, acute lymphoblastic, T cell	CVCL_0207	Drexler et al, 2003	12592342
WSU-CLL	Human	Leukemia, chronic lymphocytic	CVCL_A049	REH	Human	Leukemia, acute lymphoblastic, B cell precursor	CVCL_1650	Drexler et al, 2002; Drexler et al, 2003	12200708, 12592342

Misidentified Cell Line	Claimed Species	Claimed Cell Type	Misidentified Cell Line, Cellosaurus AC	Contaminating Cell Line	Actual Species	Actual Cell Type	Contaminating Cell Line, Cellosaurus AC	Misidentification Reported By	Reference PubMed ID
YAA	Human	Monocytes	CVCL_8466	U-937	Human	Lymphoma, histiocytic	CVCL_0007	Drexler et al, 2003	12592342
YAP	Human	Monocytes	CVCL_8467	U-937	Human	Lymphoma, histiocytic	CVCL_0007	Drexler et al, 2003	12592342
YJ	Human	Leukemia, chronic myelomonocytic	CVCL_8931	HL-60	Human	Leukemia, acute myeloid, M2	CVCL_0002	Drexler et al, 2003	12592342
YMB-1	Human	Breast carcinoma	CVCL_2814	ZR-75-1	Human	Breast carcinoma	CVCL_0588	Capes-Davis et al, 2013	23136038
YMB-1-E	Human	Breast carcinoma	CVCL_2815	ZR-75-1	Human	Breast carcinoma	CVCL_0588	Capes-Davis et al, 2013	23136038

The database of cross-contaminated or misidentified cell lines consists of two tables.

Table 1 (see previous pages) contains those cell lines where there is no authentic stock known to the list contributors. Table 2 (below) contains cell lines where some stocks have been shown to be misidentified, but where authentic stocks are known to exist.

To help scientists obtain authentic stocks, an additional column in this table shows possible locations for authentic stock. If supplied by a cell line repository, the catalogue number is given in brackets. Repositories are listed in alphabetical order.

**Table 2. Misidentified cell lines where authentic stock is known to exist**

Misidentified Cell Line	Claimed Species	Claimed Cell Type	Misidentified Cell Line, Cellosaurus AC	Contaminating Cell Line	Actual Species	Actual Cell Type	Contaminating Cell Line, Cellosaurus AC	Authentic Stock Location	Misidentification Reported By	Reference PubMed ID
1483	Human	Oral squamous cell carcinoma	CVCL_6980	UM-SCC-1	Human	Oral squamous cell carcinoma (recurrence)	CVCL_7707	Peter G. Sacks, New York University (originator)	Zhao et al, 2011	21868764
183	Human	Oropharyngeal squamous cell carcinoma	CVCL_6978	T404, T406, Tu-138, Tu-158LN, Tu-159, Tu-182, Tu-212, Tu-212LN (synonymous cell lines, donor origin unknown)	Human	Head and neck squamous cell carcinoma	CVCL_1T20 / CVCL_1T19 / CVCL_4910 / CVCL_1T17 / CVCL_4911 / CVCL_4914 / CVCL_4915 / CVCL_1T18	Peter G. Sacks, New York University (originator)	Zhao et al, 2011	21868764
207 (EU-2)	Human	Leukemia, acute lymphoblastic, B cell precursor	CVCL_K034	REH and SUP-B2	Human	Leukemia, acute lymphoblastic, B cell precursor	CVCL_1650 / CVCL_A312		MacLeod et al, 1999; Drexler et al, 2003	10508494, 12592342
Amdur II (AMDURII)	Human	Skin	CVCL_3643	LLC-PK1	Pig, <i>Sus scrofa</i>	Kidney, normal renal cells	CVCL_0391	ATCC (CCL-124)	Milanesi et al, 2003; Yu et al, 2015	14505435, 25877200
BG-1	Human	Ovarian carcinoma	CVCL_6570	MCF-7	Human	Breast carcinoma	CVCL_0031	University of Montpellier, France	Korch et al, 2012; Li et al, 2014	22710073, 25321415
BJA-B	Human	Bladder carcinoma	CVCL_5711	HeLa	Human	Cervical adenocarcinoma	CVCL_0030		Nelson-Rees & Flandermeyer, 1976	1246601
BT-20	Human	Breast carcinoma	CVCL_0178	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	ATCC (HTB-19)	Nelson-Rees et al, 1981	6451928
Ca9-22	Human	Oral squamous cell carcinoma	CVCL_1102	MSK-922	Human	Laryngeal squamous cell carcinoma (recurrence)	CVCL_6989	JCRB (JCRB0625); RIKEN (RCB1976)	Zhao et al, 2011	21868764
COLO-720E	Human	Ovarian carcinoma	CVCL_1995	COLO704	Human	Uterine adenocarcinoma	CVCL_1994 / CVCL_AV69		Korch et al, 2012; ICLAC correspondence	22710073
D-17	Dog, <i>Canis familiaris</i>	Sarcoma (osteosarcoma)	CVCL_1916	Moresco	Dog, <i>Canis familiaris</i>	Sarcoma (osteosarcoma)	CVCL_L363	ATCC (CCL-183)	O'Donoghue et al, 2011	21908323
EB-3	Human	Lymphoma, Burkitt	CVCL_1185	Daudi	Human	Lymphoma, Burkitt	CVCL_0008	ATCC (CCL-85); ECACC (90121003)	JCRB website	No PMID
FU-RPNT-2	Human	Kidney, renal primitive neuroectodermal tumor	CVCL_4838	FU-RPNT-1	Human	Kidney, renal primitive neuroectodermal tumor	CVCL_4837	RIKEN (RCB2078)	RIKEN website	No PMID
Grey	Dog, <i>Canis familiaris</i>	Sarcoma (osteosarcoma)	CVCL_L354	Unknown	Human	Unknown	None		O'Donoghue et al, 2011	21908323



Misidentified Cell Line	Claimed Species	Claimed Cell Type	Misidentified Cell Line, Cellosaurus AC	Contaminating Cell Line	Actual Species	Actual Cell Type	Contaminating Cell Line, Cellosaurus AC	Authentic Stock Location	Misidentification Reported By	Reference PubMed ID
HPB-ALL	Human	Leukemia, acute lymphoblastic, T cell	CVCL_1820	JURKAT	Human	Leukemia, acute lymphoblastic, T cell	CVCL_0065	DSMZ (ACC-483); RIKEN (RCB1935)	Drexler et al, 2003	12592342
J-82	Human	Bladder carcinoma	CVCL_0359	T-24	Human	Bladder carcinoma	CVCL_0554		Masters et al, 1986	3708594
JHH-1	Human	Liver, hepatocellular carcinoma	CVCL_2785	Unknown	Mouse	Unknown	None	JCRB (JCRB1062)	JCRB website	No PMID
KARPAS-45	Human	Leukemia, acute lymphoblastic, T cell	CVCL_1326	Unknown	Human	Unknown	None	DSMZ (ACC-105), ECACC (06072602)	Drexler et al, 1999	10516762
KBM-3	Human	Leukemia, acute myeloid, M4	CVCL_A425	HL-60	Human	Leukemia, acute myeloid, M2	CVCL_0002		Drexler et al, 2003	12592342
KE-37	Human	Leukemia, acute lymphoblastic, T cell	CVCL_1327	CCRF-CEM	Human	Leukemia, acute lymphoblastic, T cell	CVCL_0207	DSMZ (ACC-46)	Drexler et al, 1999	10516762
L-540	Human	Lymphoma, Hodgkin	CVCL_1362	CCRF-CEM	Human	Leukemia, acute lymphoblastic, T cell	CVCL_0207	DSMZ (ACC-72)	Drexler et al, 2003	12592342
MB-02	Human	Leukemia, acute myeloid, M7	CVCL_7075	HU-3	Human	Leukemia, acute myeloid, M7	CVCL_A619		Drexler et al, 1999	10516762
MDA1986LN	Human	Oral squamous cell carcinoma (lymph node)	CVCL_AT80	UM-SCC-1	Human	Oral squamous cell carcinoma (recurrence)	CVCL_7707	Peter G. Sacks, New York University (originator)	Zhao et al, 2011	21868764
MDA686LN	Human	Oropharyngeal squamous cell carcinoma (lymph node)	CVCL_6984	UM-SCC-1	Human	Oral squamous cell carcinoma (recurrence)	CVCL_7707	Peter G. Sacks, New York University (originator)	Zhao et al, 2011	21868764
MDA686TU	Human	Oropharyngeal squamous cell carcinoma	CVCL_6985	T404, T406, Tu-138, Tu-158LN, Tu-159, Tu-182, Tu-212, Tu-212LN (synonymous cell lines, donor origin unknown)	Human	Head and neck squamous cell carcinoma	CVCL_1T20 / CVCL_1T19 / CVCL_4910 / CVCL_1T17 / CVCL_4911 / CVCL_4914 / CVCL_4915 /	Peter G. Sacks, New York University (originator)	Zhao et al, 2011	21868764
MKN-7	Human	Gastric carcinoma	CVCL_1417	Unknown	Human	Lymphoblastoid cells	None	JCRB (JCRB1025); RIKEN (RCB0999)	Suzuki and Sekiguchi, 1999	No PMID (book chapter)
NCI-H929	Human	Myeloma	CVCL_1600	K-562	Human	Leukemia, chronic myeloid, blast crisis	CVCL_0004	ATCC (CRL-9068); DSMZ (ACC-163); ECACC (95050415)	MacLeod et al, 2013	23319659
OCI-Ly3	Human	Lymphoma, non-Hodgkin, diffuse large B-cell	CVCL_8800	Unknown	Human	Unknown	CVCL_AT69	DMSZ (ACC-761)	Personal communication, A. Bairoch	No PMID
Parks	Dog, <i>Canis familiaris</i>	Melanoma	CVCL_DN32	Unknown	Human	Unknown	None		O'Donoghue et al, 2011	21908323
RMG-II	Human	Ovarian carcinoma	CVCL_2803	RMG-I	Human	Ovarian carcinoma	CVCL_1662	JCRB (JCRB0172.1)	JCRB website	No PMID
RPMI-8402	Human	Leukemia, acute lymphoblastic, T cell	CVCL_1667	Unknown	Human	Unknown	None	DSMZ (ACC-290)	Drexler et al, 1999	10516762
RT4	Human	Bladder carcinoma	CVCL_0036	HeLa	Human	Cervical adenocarcinoma	CVCL_0030	ATCC (HTB-2); DSMZ (ACC-412); ECACC (91091914)	Nelson-Rees et al, 1981	6451928

Misidentified Cell Line	Claimed Species	Claimed Cell Type	Misidentified Cell Line, Cellosaurus AC	Contaminating Cell Line	Actual Species	Actual Cell Type	Contaminating Cell Line, Cellosaurus AC	Authentic Stock Location	Misidentification Reported By	Reference PubMed ID
T3M-12	Human	Lung carcinoma	CVCL_4058	T3M-1	Human	Oral carcinoma	CVCL_8289	RIKEN (RCB2281)	RIKEN website	No PMID
U-373 MG	Human	Glioblastoma	CVCL_2219	U-251 MG	Human	Glioblastoma	CVCL_0021	ECACC (08061901)	Torsvik et al, 2014; Timerman & Yeung, 2014; ECACC website; ATCC website	24810477, 24333272
U-937	Human	Lymphoma, histiocytic	CVCL_0007	Unknown	Human	Unknown	None	ATCC (CRL-1593.2); DSMZ (ACC-5); ECACC (85011440); JCRB (JCRB9021)	Drexler et al, 1999	10516762
UROtsa	Human	Bladder, non-malignant urothelial cells	CVCL_0571	T-24	Human	Bladder carcinoma	CVCL_0554		Johnen et al, 2013	23691160
UT-7	Human	Leukemia, acute myeloid, M7	CVCL_2233	U-937	Human	Lymphoma, histiocytic	CVCL_0007	DSMZ (ACC-137)	Drexler et al, 2003	12592342
Yamada	Dog, <i>Canis familiaris</i>	Sarcoma (osteosarcoma)	CVCL_FA16	Unknown	Mouse	Unknown	None		O'Donoghue et al, 2011	21908323

### Cell Bank Websites Cited

Name	Website
ATCC: American Type Culture Collection	<a href="http://www.atcc.org/">http://www.atcc.org/</a>
DSMZ: Deutsche Sammlung von Mikroorganismen und Zellkulturen GmbH	<a href="http://www.dsmz.de/">http://www.dsmz.de/</a>
ECACC: European Collection of Cell Cultures	<a href="http://www.hpacultures.org.uk/collections/ecacc.jsp">http://www.hpacultures.org.uk/collections/ecacc.jsp</a>
JCRB: Japanese Collection of Research Bioresources	<a href="http://cellbank.nibio.go.jp/">http://cellbank.nibio.go.jp/</a>
RIKEN Bioresource Center Cell Bank	<a href="http://www.brc.riken.go.jp/lab/cell/english/guide.shtml">http://www.brc.riken.go.jp/lab/cell/english/guide.shtml</a>

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