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| **Misidentified**  **Cell Line** | **Claimed**  **Species** | **Claimed Cell Type** | **Contaminating**  **Cell Line** | **Actual Species** | **Actual Cell Type** | **Misidentification**  **Reported By** | **Reference**  **PubMed ID** |
| 222 | Human | Ovarian carcinoma | PA1 | Human | Teratocarcinoma | Korch et al, 2012 | 22710073 |
| 2474/90 | Human | Gastric carcinoma | HT-29 | Human | Colon carcinoma | MacLeod et al, 1999 | 10508494 |
| 2563 (MAC-21) | Human | Lung carcinoma | HeLa | Human | Cervical adenocarcinoma | Nelson-Rees et al,  1981 | 6451928 |
| 2957/90 | Human | Gastric carcinoma | HT-29 | Human | Colon carcinoma | MacLeod et al, 1999 | 10508494 |
| 3051/80 | Human | Gastric carcinoma | HT-29 | Human | Colon carcinoma | MacLeod et al, 1999 | 10508494 |
| 41M | Human | Ovarian carcinoma | OAW 28 | Human | Ovarian carcinoma | Wilson et al, 1996 | 8795574 |
| A2008 | Human | Ovarian carcinoma | ME-180 | Human | Cervical carcinoma | Korch et al, 2012 | 22710073 |
| ACC2 | Human | Salivary gland, adenoid cystic carcinoma | HeLa | Human | Cervical adenocarcinoma | Phuchareon et al,  2009; Zhao et al,  2011 | 19557180,  21868764 |
| ACC3 | Human | Salivary gland, adenoid cystic carcinoma | HeLa | Human | Cervical adenocarcinoma | Phuchareon et al,  2009; Zhao et al,  2011 | 19557180,  21868764 |
| ACCM | Human | Salivary gland, adenoid cystic carcinoma | HeLa | Human | Cervical adenocarcinoma | Phuchareon et al,  2009; Zhao et al,  2011 | 19557180,  21868764 |
| ACCNS | Human | Salivary gland, adenoid cystic carcinoma | Unknown | Mouse | Unknown | Phuchareon et al,  2009 | 19557180 |
| ACCS | Human | Salivary gland, adenoid cystic carcinoma | T-24 | Human | Bladder carcinoma | Phuchareon et al,  2009 | 19557180 |
| ADLC-5M2 | Human | Lung carcinoma | HeLa | Human | Cervical  adenocarcinoma | MacLeod et al, 1999 | 10508494 |
| AG-F | Human | Lymphoma, Hodgkin | CCRF-CEM | Human | Leukemia, acute lymphoblastic, T cell | Drexler et al, 2003 | 12592342 |
| AKI | Human | Melanoma | HeLa | Human | Cervical  adenocarcinoma | Yoshino et al, 2006 | 16643607 |
| ALVA-31 | Human | Prostate carcinoma | PC-3 | Human | Prostate carcinoma | van Bokhoven et al,  2001; Varella-Garcia et al, 2001 | 11304728,  11433521 |
| ALVA-41 | Human | Prostate carcinoma | PC-3 | Human | Prostate carcinoma | van Bokhoven et al,  2001; Pan et al, 2001; Varella-Garcia et al,  2001 | 11304728,  11135436,  11433521 |
| ALVA-55 | Human | Prostate carcinoma | PC-3 | Human | Prostate carcinoma | van Bokhoven et al,  2003 | 14518029 |
| ALVA-101 | Human | Prostate carcinoma | PC-3 | Human | Prostate carcinoma | van Bokhoven et al,  2003 | 14518029 |
| AMDURII | Human | Skin | LLC-PK1 | Pig, *Sus scrofa* | Kidney, normal renal cells | Milanesi et al, 2003 | 14505435 |
| AO | Human | Amnion | HeLa | Human | Cervical adenocarcinoma | Nelson-Rees et al,  1981 | 6451928 |
| ARO | Human | Thyroid, anaplastic carcinoma | HT-29 | Human | Colon carcinoma | Zhao et al, 2011 | 21868764 |
| ARO81-1 | Human | Thyroid, anaplastic  carcinoma | HT-29 | Human | Colon carcinoma | Schweppe et al, 2008 | 18713817 |
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| **Misidentified**  **Cell Line** | **Claimed**  **Species** | **Claimed Cell Type** | **Contaminating**  **Cell Line** | **Actual Species** | **Actual Cell Type** | **Misidentification**  **Reported By** | **Reference**  **PubMed ID** |
| AZ521 | Human | Gastric carcinoma | HuTu 80 | Human | Duodenal carcinoma | JCRB website | No PMID |
| B2-17 | Human | Astrocytoma | U-251 MG | Human | Glioblastoma | JCRB website | No PMID |
| BCC1/KMC | Human | Basal cell carcinoma | HeLa | Human | Cervical  adenocarcinoma | MacLeod et al, 1999 | 10508494 |
| BE-13 | Human | Leukemia, acute  lymphoblastic, T cell | PEER | Human | Leukemia, acute  lymphoblastic, T cell | Drexler et al, 2003 | 12592342 |
| BG-1 | Human | Ovarian carcinoma | MCF-7 | Human | Breast carcinoma | Korch et al, 2012 | 22710073 |
| BHP 10-3 | Human | Thyroid, papillary carcinoma | TPC-1 | Human | Thyroid, papillary carcinoma | Schweppe et al, 2008 | 18713817 |
| BHP 14-9 | Human | Thyroid, papillary carcinoma | M14 | Human | Melanoma | Schweppe et al, 2008 | 18713817 |
| BHP 17-10 | Human | Thyroid, papillary carcinoma | M14 | Human | Melanoma | Schweppe et al, 2008 | 18713817 |
| BHP 2-7 | Human | Thyroid, papillary carcinoma | TPC-1 | Human | Thyroid, papillary carcinoma | Schweppe et al,  2008; Zhao et al,  2011 | 18713817,  21868764 |
| BHP 5-16 | Human | Thyroid, papillary carcinoma | M14 | Human | Melanoma | Schweppe et al,  2008; Zhao et al,  2011 | 18713817,  21868764 |
| BHP 7-13 | Human | Thyroid, papillary carcinoma | TPC-1 | Human | Thyroid, papillary carcinoma | Schweppe et al, 2008 | 18713817 |
| BIC-1 | Human | Esophageal adenocarcinoma | SW-480, SW-620 | Human | Colon carcinoma | Boonstra et al, 2010 | 20075370 |
| BLIN-1 | Human | Leukemia, acute  lymphoblastic, B cell precursor | NALM-6 | Human | Leukemia, acute  lymphoblastic, B cell precursor | Drexler et al, 2003 | 12592342 |
| BM-1604 | Human | Prostate carcinoma | DU-145 | Human | Prostate carcinoma | MacLeod et al, 1999 | 10508494 |
| BrCA 5 | Human | Breast carcinoma | HeLa | Human | Cervical adenocarcinoma | Nelson-Rees and  Flandermeyer, 1977; Nelson-Rees et al,  1981 | 557237,  6451928 |
| BSCC-93 | Human | Skin, squamous cell carcinoma | DJM-1 | Human | Skin, squamous cell carcinoma | Yoshino et al, 2006; ICLAC correspondence | 16643607 |
| BT-B | Human | Bladder carcinoma | HeLa | Human | Cervical adenocarcinoma | DSMZ website | No PMID |
| C13 | Human | Ovarian carcinoma | ME-180 | Human | Cervical carcinoma | Korch et al, 2012 | 22710073 |
| C-433 | Human | Giant cell tumor, benign | RD-ES | Human | Sarcoma (Ewing's) | DSMZ website | No PMID |
| CAC2 | Human | Salivary gland, adenoid cystic carcinoma | Unknown | Rat | Unknown | Phuchareon et al,  2009 | 19557180 |
| CaMa | Human | Breast carcinoma | Unknown | Syrian hamster and mouse | Unknown | Nelson-Rees et al,  1981 | 6451928 |
| CaOV | Human | Ovarian carcinoma | HeLa | Human | Cervical adenocarcinoma | Nelson-Rees et al,  1981 | 6451928 |
| Caov-2 | Human | Ovarian carcinoma | NIH:OVCAR-2 | Human | Ovarian carcinoma | Korch et al, 2012 | 22710073 |
| CaVe | Human | Gastric carcinoma | HeLa | Human | Cervical adenocarcinoma | Nelson-Rees et al,  1981 | 6451928 |
| CCL3 | Human | Chordoma | Unknown | Mouse | Unknown | Brüderlein et al, 2010 | 21253487 |
| CH1 | Human | Ovarian carcinoma | PA1 | Human | Teratocarcinoma | Korch et al, 2012 | 22710073 |
| CHB | Human | Astrocytoma | Unknown | Rat | Not specified | Stoolmiller et al,  1972; Nelson-Rees et al, 1981 | 4640072,  6451928 |
| CHP-100 | Human | Neuroblastoma | IMR-32 | Human | Neuroblastoma | ECACC website | No PMID |
| Clom 15 | Human | Glioblastoma | Unknown | Rat | Unknown | Higgins et al, 2010 | 20951163 |
| Clone-16 | Human | Pancreas, fetal endocrine cells | Unknown | Syrian hamster | Unknown | Matsuba et al, 1988 | 2903855 |
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| **Misidentified**  **Cell Line** | **Claimed**  **Species** | **Claimed Cell Type** | **Contaminating**  **Cell Line** | **Actual Species** | **Actual Cell Type** | **Misidentification**  **Reported By** | **Reference**  **PubMed ID** |
| CMP | Human | Rectal adenocarcinoma | HeLa | Human | Cervical adenocarcinoma | Nelson-Rees et al,  1981 | 6451928 |
| CMPII C2 | Human | Rectal adenocarcinoma | HeLa | Human | Cervical adenocarcinoma | Nelson-Rees et al,  1981 | 6451928 |
| CNDT2 | Human | Carcinoid tumour | Unknown | Human | Unknown | Ellis et al, 2010 | 20959409 |
| CO | Human | Lymphoma, Hodgkin | CCRF-CEM | Human | Leukemia, acute lymphoblastic, T cell | Drexler et al, 2003 | 12592342 |
| COLO-587 | Human | Pancreatic carcinoma | COLO-320DM | Human | Colon carcinoma | ATCC FAQ #11058 | No PMID |
| COLO-677 | Human | Lung carcinoma, small cell | RPMI-8226 | Human | Myeloma | DSMZ website | No PMID |
| CoLo-TC | Human | Colon carcinoma | COLO-205 | Human | Colon carcinoma | RIKEN website | No PMID |
| D18T | Human | Synovial cell | HeLa | Human | Cervical adenocarcinoma | Nelson-Rees et al,  1981 | 6451928 |
| DAMI | Human | Leukemia, acute myeloid, M7 | HEL | Human | Leukemia, acute myeloid, M6 | MacLeod et al, 1997; Drexler et al, 2003 | 9447816,  12592342 |
| DAPT | Human | Astrocytoma, piloid | HeLa | Human | Cervical adenocarcinoma | Nelson-Rees et al,  1981 | 6451928 |
| DD | Human | Malignant histiocytosis | K-562 | Human | Leukemia, chronic myeloid, blast crisis | Drexler et al, 2003 | 12592342 |
| Det30A | Human | Breast carcinoma, ascitic fluid | HeLa | Human | Cervical adenocarcinoma | Nelson-Rees et al,  1981 | 6451928 |
| Detroit-6 | Human | Sternal marrow cells | HeLa | Human | Cervical adenocarcinoma | Lavappa et al, 1976; Nelson-Rees et al,  1981 | 1250349,  6451928 |
| Detroit-98 | Human | Sternal marrow cells | HeLa | Human | Cervical adenocarcinoma | Lavappa, 1978; Nelson-Rees et al,  1981 | 566722,  6451928 |
| Detroit 98/AG | Human | Sternal marrow cells | HeLa | Human | Cervical adenocarcinoma | Lavappa, 1978; Nelson-Rees et al,  1981 | 566722,  6451928 |
| Detroit 98/AH-2 | Human | Sternal marrow cells | HeLa | Human | Cervical adenocarcinoma | Lavappa, 1978; Nelson-Rees et al,  1981 | 566722,  6451928 |
| Detroit 98/AH-R | Human | Sternal marrow cells | HeLa | Human | Cervical adenocarcinoma | Lavappa, 1978; Nelson-Rees et al,  1981 | 566722,  6451928 |
| Detroit 98s | Human | Sternal marrow cells | HeLa | Human | Cervical adenocarcinoma | Lavappa, 1978; Nelson-Rees et al,  1981 | 566722,  6451928 |
| DM12 | Human | Oral squamous cell carcinoma | UM-SCC-1 | Human | Oral squamous cell carcinoma (recurrence) | Zhao et al, 2011 | 21868764 |
| DM14 | Human | Oral squamous cell carcinoma | UM-SCC-1 | Human | Oral squamous cell carcinoma (recurrence) | Zhao et al, 2011 | 21868764 |
| DRO | Human | Thyroid, anaplastic carcinoma | A-375 | Human | Melanoma | Zhao et al, 2011 | 21868764 |
| DRO90-1 | Human | Thyroid, anaplastic  carcinoma | A-375 | Human | Melanoma | Schweppe et al, 2008 | 18713817 |
| DuPro-1 | Human | Prostate carcinoma | PC-3 | Human | Prostate carcinoma | van Bokhoven et al,  2003 | 14518029 |
| EB33 | Human | Prostate carcinoma | HeLa | Human | Cervical adenocarcinoma | Nelson-Rees, 1979;  Nelson-Rees et al,  1981 | 535908,  6451928 |
| ECC-1 | Human | Endometrial carcinoma | Ishikawa | Human | Endometrial carcinoma | Korch et al, 2012 | 22710073 |
| ED27 | Human | Chorionic villus | HeLa | Human | Cervical adenocarcinoma | Kniss et al, 2002 | 11869090 |
| EH | Human | Leukemia, hairy cell | HK | Human | Leukemia, hairy cell | Drexler et al, 2003 | 12592342 |
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| **Misidentified**  **Cell Line** | **Claimed**  **Species** | **Claimed Cell Type** | **Contaminating**  **Cell Line** | **Actual Species** | **Actual Cell Type** | **Misidentification**  **Reported By** | **Reference**  **PubMed ID** |
| EJ-1 | Human | Bladder carcinoma | T-24 | Human | Bladder carcinoma | Masters et al, 2001 | 11416159 |
| ElCo | Human | Breast carcinoma | HeLa | Human | Cervical  adenocarcinoma | Nelson-Rees et al,  1981 | 6451928 |
| EPLC3-2M1 | Human | Lung carcinoma | HeLa | Human | Cervical adenocarcinoma | MacLeod et al, 1999 | 10508494 |
| EPLC-65 | Human | Lung carcinoma | HeLa | Human | Cervical adenocarcinoma | MacLeod et al, 1999 | 10508494 |
| ESP1 | Human | Lymphoma, Burkitt | HeLa | Human | Cervical adenocarcinoma | Nelson-Rees et al,  1981 | 6451928 |
| ETK-1 | Human | Cholangiocarcinoma | SSP-25 | Human | Cholangiocarcinoma | Yoshino et al, 2006 | 16643607 |
| EU-1 | Human | Leukemia, acute lymphoblastic, B cell precursor | REH | Human | Leukemia, acute lymphoblastic, B cell precursor | Drexler et al, 2003 | 12592342 |
| EU-7 | Human | Leukemia, acute lymphoblastic, T cell | CCRF-CEM | Human | Leukemia, acute lymphoblastic, T cell | Drexler et al, 2003 | 12592342 |
| EUE | Human | Subcutis, fetal | HeLa | Human | Cervical adenocarcinoma | Nelson-Rees et al,  1981 | 6451928 |
| EVLC2 | Human | Umbilical vein endothelium, transfected | Unknown | Human | Non-endothelial? | Unger et al, 2002 | 12453433 |
| F2-4E5 | Human | Thymic epithelium | SK-HEP-1 | Human | Liver carcinoma | MacLeod et al, 1999 | 10508494 |
| F2-5B6 | Human | Thymic epithelium | SK-HEP-1 | Human | Liver carcinoma | MacLeod et al, 1999 | 10508494 |
| F255A4 | Human | Not specified | HeLa | Human | Cervical  adenocarcinoma | Nelson-Rees et al,  1981 | 6451928 |
| FB2 | Human | Thyroid, papillary  carcinoma | TPC-1 | Human | Thyroid, papillary  carcinoma | Ribeiro et al, 2008 | 19087340 |
| Flow 13000 | Human | Lung cells, embryonic fibroblast | MRC-5 | Human | Lung cells, embryonic fibroblast | JCRB website | No PMID |
| Flow 5000 | Human | Lung cells, embryonic fibroblast | Flow 1000 | Human | Lung cells, embryonic fibroblast | JCRB website | No PMID |
| Flow 6000 | Human | Lung cells, embryonic fibroblast | Flow 1000 | Human | Lung cells, embryonic fibroblast | JCRB website | No PMID |
| Flow 7000 | Human | Lung cells, embryonic fibroblast | Flow 3000 | Human | Lung cells, embryonic fibroblast | JCRB website | No PMID |
| FQ | Human | Lymphoma, Hodgkin | OMK-210 | Monkey, Owl  (*Aotus trivirgatus* ) | Kidney, normal renal cells | Nelson-Rees et al,  1981; Drexler et al,  2003 | 6451928,  12592342 |
| G-11 | Human | Breast carcinoma | HeLa | Human | Cervical adenocarcinoma | Nelson-Rees et al,  1981 | 6451928 |
| GHE | Human | Astrocytoma | T-24 | Human | Bladder carcinoma | MacLeod et al, 1999 | 10508494 |
| GM1312 | Human | Myeloma | Correct name, incorrect cell type | Human | EBV+ B-lymphoblastoid cell line | Drexler et al, 2003 | 12592342 |
| GOS-3 | Human | Glioma, mixed astro- oligodendroglioma | U-343 MG | Human | Glioblastoma | DSMZ website | No PMID |
| GREF-X | Human | Liver, hepatic  myofibroblast | Unknown | Rat | Unknown | MacLeod et al, 1999 | 10508494 |
| GT3TKB | Human | Gastric carcinoma | RERF-LC-A1 | Human | Lung carcinoma | Yoshino et al, 2006 | 16643607 |
| H249 | Human | Lung carcinoma, small cell | H69 | Human | Lung carcinoma, small cell | Personal  communication, M. Liscovitch to R. Nardone | No PMID |
| H-494 | Human | Prostate carcinoma | HeLa | Human | Cervical adenocarcinoma | Williams, 1980 | 6244232 |
| H7D7A | Human | Liver, normal cells  (SV40-transformed) | HepG2 | Human | Liver, hepatocellular carcinoma | van Pelt et al, 2003 | 12619888 |
| H7D7B | Human | Liver, normal cells  (SV40-transformed) | HepG2 | Human | Liver, hepatocellular carcinoma | van Pelt et al, 2003 | 12619888 |
| H7D7C | Human | Liver, normal cells  (SV40-transformed) | HepG2 | Human | Liver, hepatocellular carcinoma | van Pelt et al, 2003 | 12619888 |

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| **Misidentified**  **Cell Line** | **Claimed**  **Species** | **Claimed Cell Type** | **Contaminating**  **Cell Line** | **Actual Species** | **Actual Cell Type** | **Misidentification**  **Reported By** | **Reference**  **PubMed ID** |
| H7D7D | Human | Liver, normal cells  (SV40-transformed) | HepG2 | Human | Liver, hepatocellular carcinoma | van Pelt et al, 2003 | 12619888 |
| HAG | Human | Thyroid adenoma  (goitre) | T-24 | Human | Bladder carcinoma | MacLeod et al, 1999 | 10508494 |
| HBC | Human | Breast carcinoma, invasive ductal tumor | Unknown | Rat | Unknown | Nelson-Rees and  Flandermeyer, 1977; Nelson-Rees et al,  1981 | 557237,  6451928 |
| HBL-100 | Human | Breast carcinoma | Unknown | Human | Unknown | Yoshino et al, 2006; ATCC website | 16643607 |
| HBT-3 | Human | Breast carcinoma | HeLa | Human | Cervical adenocarcinoma | Nelson-Rees et al,  1981 | 6451928 |
| HBT-39b | Human | Breast carcinoma | HeLa | Human | Cervical adenocarcinoma | Nelson-Rees et al,  1981 | 6451928 |
| HBT-E | Human | Breast carcinoma | HeLa | Human | Cervical adenocarcinoma | Nelson-Rees et al,  1981 | 6451928 |
| HCE | Human | Cervical carcinoma | HeLa | Human | Cervical  adenocarcinoma | Nelson-Rees et al,  1981 | 6451928 |
| HCu-10 | Human | Esophageal squamous cell carcinoma | Hcu-10, Hcu-18, Hcu-  22, Hcu-27, Hcu-33, Hcu-37 or Hcu-39 (genetically identical) | Human | Esophageal squamous cell carcinoma | van Helden et al,  1988 | 3167823 |
| HCu-18 | Human | Esophageal squamous cell carcinoma | Hcu-10, Hcu-18, Hcu-  22, Hcu-27, Hcu-33, Hcu-37 or Hcu-39 (genetically identical) | Human | Esophageal squamous cell carcinoma | van Helden et al,  1988 | 3167823 |
| HCu-22 | Human | Esophageal squamous cell carcinoma | Hcu-10, Hcu-18, Hcu-  22, Hcu-27, Hcu-33, Hcu-37 or Hcu-39 (genetically identical) | Human | Esophageal squamous cell carcinoma | van Helden et al,  1988 | 3167823 |
| HCu-27 | Human | Esophageal squamous cell carcinoma | Hcu-10, Hcu-18, Hcu-  22, Hcu-27, Hcu-33, Hcu-37 or Hcu-39 (genetically  identical) | Human | Esophageal squamous cell carcinoma | van Helden et al,  1988 | 3167823 |
| HCu-33 | Human | Esophageal squamous cell carcinoma | Hcu-10, Hcu-18, Hcu-  22, Hcu-27, Hcu-33, Hcu-37 or Hcu-39 (genetically identical) | Human | Esophageal squamous cell carcinoma | van Helden et al,  1988 | 3167823 |
| HCu-37 | Human | Esophageal squamous cell carcinoma | Hcu-10, Hcu-18, Hcu-  22, Hcu-27, Hcu-33, Hcu-37 or Hcu-39 (genetically identical) | Human | Esophageal squamous cell carcinoma | van Helden et al,  1988 | 3167823 |
| HCu-39 | Human | Esophageal squamous cell carcinoma | Hcu-10, Hcu-18, Hcu-  22, Hcu-27, Hcu-33, Hcu-37 or Hcu-39 (genetically  identical) | Human | Esophageal squamous cell carcinoma | van Helden et al,  1988 | 3167823 |
| HCV-29Tmv | Human | Bladder, tumorigenic urothelial cells | T-24 | Human | Bladder carcinoma | Christensen et al,  1993 | 8105864 |
| HEC-155 | Human | Uterine  adenocarcinoma | HEC-180 | Human | Uterine carcinoma | JCRB website | No PMID |
| HEC-180 | Human | Uterine  adenocarcinoma | HEC-155 | Human | Uterine  adenocarcinoma | JCRB website | No PMID |
| HEK | Human | Kidney, embryonic renal  cells | HeLa | Human | Cervical  adenocarcinoma | Nelson-Rees et al,  1981 | 6451928 |
| HEK/HRV  (HEK derivative) | Human | Kidney, transformed  embryonic renal cells | HeLa | Human | Cervical  adenocarcinoma | Nelson-Rees et al,  1981 | 6451928 |
| HEL-R66 | Human | Not specified | Unknown | Monkey, African  green (*Cercopithecus aethiops* ) | Unknown | Nelson-Rees et al,  1981 | 6451928,  7236009 |
| HES | Human | Endometrium | HeLa | Human | Cervical adenocarcinoma | Korch et al, 2012; Kniss & Summerfield,  2014 | 22710073,  24520087 |
| HIMEG-1 | Human | Leukemia, chronic myeloid | HL-60 | Human | Leukemia, acute myeloid, M2 | Drexler et al, 2003 | 12592342 |
| HKB-1 | Human | Lymphoma, Hodgkin | Unknown | Human | Unknown | Drexler et al, 2003 | 12592342 |
| HKMUS | Human | Cervical carcinoma | SKG-II-SF | Human | Cervical carcinoma | RIKEN website | No PMID |
| HKMUS-SF | Human | Cervical carcinoma | SKG-II-SF | Human | Cervical carcinoma | Yoshino et al, 2006 | 16643607 |
| HL111783 | Human | Lung carcinoma | HeLa | Human | Cervical adenocarcinoma | Yoshino et al, 2006 | 16643607 |

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| **Misidentified**  **Cell Line** | **Claimed**  **Species** | **Claimed Cell Type** | **Contaminating**  **Cell Line** | **Actual Species** | **Actual Cell Type** | **Misidentification**  **Reported By** | **Reference**  **PubMed ID** |
| HMV-1 | Human | Melanoma | HeLa | Human | Cervical adenocarcinoma | MacLeod et al, 1999 | 10508494 |
| HPB-MLT | Human | Leukemia, acute  lymphoblastic, T cell | HPB-ALL | Human | Leukemia, acute  lymphoblastic, T cell | Drexler et al, 2003 | 12592342 |
| HPC-36M | Human | Prostate carcinoma | HeLa | Human | Cervical adenocarcinoma | Masters et al, 2001 | 11416159 |
| hPTC | Human | Thyroid, papillary cell | Unknown | Pig, *Sus scrofa* | Unknown | MacLeod et al, 1999 | 10508494 |
| Hs 677.St | Human | Gastric tissue, normal | Unknown | Mouse | Unknown | ATCC FAQ #1072 | No PMID |
| HSC-41 | Human | Gastric carcinoma | HSC-42 | Human | Gastric carcinoma | JCRB website | No PMID |
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| HSG-AZA1 | Human | Salivary gland,  submandibular | HeLa | Human | Cervical  adenocarcinoma | JCRB website | No PMID |
| HSG-AZA3 | Human | Salivary gland,  submandibular | HeLa | Human | Cervical  adenocarcinoma | JCRB website | No PMID |
| HSGc-C5 | Human | Oral carcinoma | HeLa | Human | Cervical adenocarcinoma | JCRB website | No PMID |
|  |  |  |  |  |  |  |  |
| HSY | Human | Salivary gland, parotid | HeLa | Human | Cervical  adenocarcinoma | JCRB website | No PMID |
| hTERT-EEC | Human | Endometrium,  immortalized | MCF-7 | Human | Breast carcinoma | Korch et al, 2012 | 22710073 |
| Hu1734 | Human | Bladder, non-malignant urothelial cells | HCV-29 | Human | Bladder, non-malignant urothelial cells | Christensen et al,  1993 | 7905254 |
| Hu456 | Human | Bladder, tumorigenic urothelial cells | T-24 | Human | Bladder carcinoma | Christensen et al,  1993 | 8105864 |
| Hu549 | Human | Bladder, tumorigenic urothelial cells | T-24 | Human | Bladder carcinoma | Christensen et al,  1993 | 8105864 |
| Hu609 | Human | Bladder, non-malignant urothelial cells | J82 | Human | Bladder carcinoma | Christensen et al,  1993; Masters et al,  2001 | 7905254,  11416159 |
| Hu609Tmv | Human | Bladder, tumorigenic urothelial cells | T-24 | Human | Bladder carcinoma | Christensen et al,  1993 | 8105864 |
| Hu961a | Human | Bladder, tumorigenic urothelial cells | T-24 | Human | Bladder carcinoma | Christensen et al,  1993; Masters et al,  2001 | 8105864,  11416159 |
| HuK 39 | Human | Kidney, normal renal cells | HeLa | Human | Cervical adenocarcinoma | Nelson-Rees et al,  1981 | 6451928 |
| HuL-1 | Human | Liver, hepatocellular  carcinoma | HeLa | Human | Cervical  adenocarcinoma | JCRB website | No PMID |
| Hut | Human | Not specified | HeLa | Human | Cervical  adenocarcinoma | Nelson-Rees et al,  1981 | 6451928 |
| IMC-2 | Human | Maxillary carcinoma | HeLa | Human | Cervical adenocarcinoma | MacLeod et al, 1999 | 10508494 |
| IMC-3 | Human | Maxillary carcinoma | HeLa | Human | Cervical adenocarcinoma | Masters et al, 2001 | 11416159 |
| IMC-4 | Human | Maxillary carcinoma | HeLa | Human | Cervical  adenocarcinoma | RIKEN website | No PMID |
|  |  |  |  |  |  |  |  |
| IPDDC-A2 | Human | Astrocytoma | Unknown | Rat | Unknown | ECACC website | No PMID |
| IPRB | Human | Glioblastoma | Unknown | Rat | Unknown | Higgins et al, 2010 | 20951163 |
| IPTP/98 | Human | Glioblastoma | Unknown | Rat | Unknown | ECACC website | No PMID |
| IST-1 | Human | Placenta | SK-OV-3 | Human | Ovarian carcinoma | ATCC FAQ #1068 | No PMID |
|  |  |  |  |  |  |  |  |
| J96 | Human | Leukemia | HeLa | Human | Cervical adenocarcinoma | Nelson-Rees et al,  1981 | 6451928 |
| JCA-1 | Human | Prostate carcinoma | T-24 | Human | Bladder carcinoma | van Bokhoven et al,  2001 | 11522622 |
| JHC | Human | Placenta | HeLa | Human | Cervical adenocarcinoma | Nelson-Rees et al,  1981 | 6451928 |
| JHU012 | Human | Oral squamous cell carcinoma (lymph node) | JHU022 | Human | Laryngeal squamous cell carcinoma (lymph node) | Zhao et al, 2011 | 21868764 |
| JHU013 | Human | Oral squamous cell carcinoma (lymph node) | FaDu | Human | Hypopharyngeal squamous cell carcinoma | Zhao et al, 2011 | 21868764 |
| JHU019 | Human | Oropharyngeal  squamous cell carcinoma | PC-3 | Human | Prostate carcinoma | Zhao et al, 2011 | 21868764 |

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| **Misidentified**  **Cell Line** | **Claimed**  **Species** | **Claimed Cell Type** | **Contaminating**  **Cell Line** | **Actual Species** | **Actual Cell Type** | **Misidentification**  **Reported By** | **Reference**  **PubMed ID** |
| JHU028 | Human | Oral squamous cell carcinoma | A549 | Human | Lung carcinoma | Zhao et al, 2011 | 21868764 |
| JHT | Human | Placenta | HeLa | Human | Cervical adenocarcinoma | Nelson-Rees et al,  1981 | 6451928 |
| JMAR | Human | Oral squamous cell carcinoma | UM-SCC-1 | Human | Oral squamous cell carcinoma (recurrence) | Zhao et al, 2011 | 21868764 |
| JOSK-I | Human | Leukemia, acute myeloid, M4 | U-937 | Human | Lymphoma, histiocytic | MacLeod et al, 1999; Drexler et al, 2003 | 10508494,  12592342 |
| JOSK-K | Human | Leukemia, acute myeloid, M5 | U-937 | Human | Lymphoma, histiocytic | MacLeod et al, 1999; Drexler et al, 2003 | 10508494,  12592342 |
| JOSK-M | Human | Leukemia, chronic myeloid, blast crisis | U-937 | Human | Lymphoma, histiocytic | MacLeod et al, 1999; Drexler et al, 2003 | 10508494,  12592342 |
| JOSK-S | Human | Leukemia, acute myeloid, M5 | U-937 | Human | Lymphoma, histiocytic | MacLeod et al, 1999; Drexler et al, 2003 | 10508494,  12592342 |
| JTC-17 | Human | Skin | HeLa | Human | Cervical adenocarcinoma | Honma et al, 1992; JCRB website | 1730567 |
| JTC-3 | Human | Not specified | HeLa | Human | Cervical adenocarcinoma | Ogura et al, 1997 | 9556756 |
| K051 | Human | Leukemia, acute myeloid, M2 | K-562 | Human | Leukemia, chronic myeloid, blast crisis | Drexler et al, 2003 | 12592342 |
|  |  |  |  |  |  |  |  |
| K2 | Human | Thyroid, papillary carcinoma | GLAG-66 | Human | Thyroid, papillary carcinoma | Ribeiro et al, 2008; Schweppe et al, 2008 | 19087340,  18713817 |
| KAK1 | Human | Thyroid, follicular adenoma | HT-29 | Human | Colon carcinoma | van Staveren et al,  2007; Schweppe et al, 2008 | 17804723,  18713817 |
| KAT10 | Human | Thyroid, papillary carcinoma | HT-29 | Human | Colon carcinoma | van Staveren et al,  2007; Schweppe et al, 2008 | 17804723,  18713817 |
| KAT4 | Human | Thyroid, anaplastic carcinoma | HT-29 | Human | Colon carcinoma | van Staveren et al,  2007; Schweppe et al, 2008 | 17804723,  18713817 |
| KAT5 | Human | Thyroid, papillary carcinoma | HT-29 | Human | Colon carcinoma | Schweppe et al, 2008 | 18713817 |
| KAT50 | Human | Thyroid, differentiated cells | HT-29 | Human | Colon carcinoma | Schweppe et al, 2008 | 18713817 |
| KAT7 | Human | Thyroid, benign follicular hyperplasia | HT-29 | Human | Colon carcinoma | Schweppe et al, 2008 | 18713817 |
|  |  |  |  |  |  |  |  |
| KB-3-1 | Human | Oral carcinoma | HeLa | Human | Cervical adenocarcinoma | DSMZ website | No PMID |
| KB-V1 | Human | Oral carcinoma | HeLa | Human | Cervical adenocarcinoma | DSMZ website | No PMID |
| KCI-MOH1 | Human | Pancreatic carcinoma | HPAC | Human | Pancreatic carcinoma | DSMZ website | No PMID |
| KM-3 | Human | Leukemia, acute lymphoblastic, B cell precursor | REH | Human | Leukemia, acute lymphoblastic, B cell precursor | Drexler et al, 2003 | 12592342 |
| KM3 | Human | Melanoma | Unknown | Rat | Not specified | Moseley et al, 2003 | 12740908 |
| KMS-21-BM | Human | Myeloma | Unknown | Human | Unknown | Drexler et al, 2003 | 12592342 |
| KMT-2 | Human | Umbilical cord blood | KG-1 | Human | Leukemia | Yoshino et al, 2006 | 16643607 |
| KNS-89 | Human | Gliosarcoma | U-251 MG | Human | Glioblastoma | JCRB website | No PMID |
| KOSC-3 | Human | Oral carcinoma | Ca9-22 | Human | Oral carcinoma | JCRB website | No PMID |
| KP-1N | Human | Pancreatic carcinoma | PANC-1 | Human | Pancreatic carcinoma | JCRB website | No PMID |
| KPB-M15 | Human | Leukemia, chronic  myeloid, blast crisis | KYO-1 | Human | Leukemia, chronic  myeloid, blast crisis | Drexler et al, 2003 | 12592342 |
| KPL-1 | Human | Breast carcinoma | MCF-7 | Human | Breast carcinoma | DSMZ website | No PMID |
| KP-P1 | Human | Prostate carcinoma | HeLa | Human | Cervical adenocarcinoma | Nelson-Rees et al,  1981 | 6451928 |
| KSY-1 | Human | Sarcoma (Kaposi) | T-24 | Human | Bladder carcinoma | Stürzl et al, 2012; ATCC FAQ #1061 | 22987579 |

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| **Misidentified**  **Cell Line** | **Claimed**  **Species** | **Claimed Cell Type** | **Contaminating**  **Cell Line** | **Actual Species** | **Actual Cell Type** | **Misidentification**  **Reported By** | **Reference**  **PubMed ID** |
| KU7 | Human | Bladder carcinoma | HeLa | Human | Cervical adenocarcinoma | Jäger et al, 2013 | 23500642 |
| KU-YS | Human | Neuroblastoma | KU-SN | Human | Neuroectodermal tumor | RIKEN website | No PMID |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| LED-Ti | Human | Cervical carcinoma | HeLa | Human | Cervical adenocarcinoma | Nelson-Rees et al,  1981 | 6451928 |
| LLC-15MB | Human | Breast carcinoma | M14 | Human | Melanoma | Thompson et al, 2004 | 15679051 |
| LN-319 | Human | Glioma, anaplastic  astrocytoma | LN-992 | Human | Glioblastoma | Bady et al, 2012 | 22570425 |
| LN-443 | Human | Glioblastoma | LN-444 | Human | Glioblastoma,  recurrence (different donor) | Bady et al, 2012 | 22570425 |
| LR10.6 | Human | Leukemia, acute lymphoblastic, B cell precursor | NALM-6 | Human | Leukemia, acute lymphoblastic, B cell precursor | MacLeod et al, 1999; Drexler et al, 2003 | 10508494,  12592342 |
| LU | Human | Lung cells, fetal | HeLa | Human | Cervical adenocarcinoma | Nelson-Rees et al,  1981 | 6451928 |
| LU 106 | Human | Lung cells, embryonic | HeLa | Human | Cervical adenocarcinoma | Nelson-Rees et al,  1981 | 6451928 |
| Lu-130 | Human | Lung carcinoma | Lu-134A, B | Human | Lung carcinoma | Yoshino et al, 2006 | 16643607 |
| M10T | Human | Synovial cell | HeLa | Human | Cervical adenocarcinoma | Nelson-Rees et al,  1981 | 6451928 |
| M4A4 | Human | Breast carcinoma | M14 | Human | Melanoma | ATCC website | No PMID |
| MA-1 | Human | Lymphoma, MALT | Pfeiffer | Human | Lymphoma, non-  Hodgkin | Capes-Davis et al,  2013 | 23907998 |
| MA-160 | Human | Prostate adenoma | HeLa | Human | Cervical adenocarcinoma | Nelson-Rees, 1977; Nelson-Rees et al,  1981 | 562836,  6451928 |
| Mash-1 | Human | Schwannoma | MMac | Human | Melanoma | Yoshino et al, 2006; ICLAC correspondence | 16643607 |
| MaTu | Human | Breast carcinoma | HeLa | Human | Cervical adenocarcinoma | MacLeod et al, 1999 | 10508494 |
| MC-4000 | Human | Breast carcinoma | HeLa | Human | Cervical adenocarcinoma | MacLeod et al, 1999 | 10508494 |
| McCoy | Human | Not specified | Strain L | Mouse | Connective tissue | Nelson-Rees et al,  1981 | 6451928 |
| MCF-7/AdrR | Human | Breast carcinoma | OVCAR-8 | Human | Ovarian carcinoma | Liscovitch and Ravid,  2007 | 16504380 |
| MDA-MB-435 | Human | Breast carcinoma | M14 | Human | Melanoma | Ellison et al, 2002; Christgen et al, 2007; Rae et al, 2007 | 12354931,  17786032,  17004106 |
| MDA-N | Human | Breast carcinoma, HER2/ERBB2- transfected | M14 | Human | Melanoma | Lorenzi et al, 2009 | 19372543 |
| MDS | Human | Leukemia, chronic myelomonocytic | JURKAT | Human | Leukemia, acute lymphoblastic, T cell | Drexler et al, 2003 | 12592342 |
| MEL-HO | Human | Melanoma | Unknown, does not match other cell line from same donor | Human | Unknown | MacLeod et al, 1999 | 10508494 |
| ME-WEI | Human | Melanoma | Unknown, does not match other cell line from same donor | Human | Unknown | MacLeod et al, 1999 | 10508494 |
| MGH-U1 | Human | Bladder carcinoma | T-24 | Human | Bladder carcinoma | O'Toole et al, 1983; Lin et al, 1985 | 6823318,  4027986 |
| MGH-U2 | Human | Bladder carcinoma | T-24 | Human | Bladder carcinoma | O'Toole et al, 1983; Lin et al, 1985 | 6823318,  4027986 |
| MHH-225 | Human | Leukemia, acute myeloid, M7 | JURKAT | Human | Leukemia, acute lymphoblastic, T cell | Drexler et al, 2003 | 12592342 |

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| **Misidentified**  **Cell Line** | **Claimed**  **Species** | **Claimed Cell Type** | **Contaminating**  **Cell Line** | **Actual Species** | **Actual Cell Type** | **Misidentification**  **Reported By** | **Reference**  **PubMed ID** |
| Minnesota EE | Human | Esophageal epithelium | HeLa | Human | Cervical adenocarcinoma | Lavappa, 1978; Nelson-Rees et al,  1981 | 566722,  6451928 |
| MKB-1 | Human | Leukemia, acute myeloid | CCRF-CEM | Human | Leukemia, acute lymphoblastic, T cell | MacLeod et al, 1999; Drexler et al, 2003 | 10508494,  12592342 |
| MKN28 | Human | Gastric carcinoma | MKN74 | Human | Gastric carcinoma | JCRB website | No PMID |
| MOBS-1 | Human | Leukemia, acute myeloid, M5 | U-937 | Human | Lymphoma, histiocytic | Drexler et al, 2003 | 12592342 |
| MOLT-15 | Human | Leukemia, acute lymphoblastic, T cell | CTV-1 | Human | Leukemia, acute myeloid, M5 | MacLeod et al, 1999; Drexler et al, 2003 | 10508494,  12592342 |
| MPanc-96 | Human | Pancreatic carcinoma | AsPC-1 | Human | Pancreatic carcinoma | ATCC website | No PMID |
| MRO87-1 | Human | Thyroid, follicular  carcinoma | HT-29 | Human | Colon carcinoma | Schweppe et al, 2008 | 18713817 |
| MT-1 | Human | Breast carcinoma | HeLa | Human | Cervical adenocarcinoma | MacLeod et al, 1999 | 10508494 |
| MUTZ-1 | Human | Leukemia, acute myeloid, M2 | Namalwa | Human | Lymphoma, Burkitt | Drexler et al, 2009 | 19344951 |
| MV522 | Human | Lung carcinoma | HT-29 | Human | Colon carcinoma | ATCC FAQ #1075 | No PMID |
| NC-37 | Human | Lymphoblastoid cell line, normal donor | Raji | Human | Lymphoma, Burkitt | JCRB website | No PMID |
| NCC16 | Human | Cervical carcinoma | PHK16-0b | Human | Skin, immortalised  keratinocytes | JCRB website | No PMID |
| NCI/ADR-RES | Human | Breast carcinoma | OVCAR-8 | Human | Ovarian carcinoma | Liscovitch and Ravid,  2007 | 16504380 |
| NCI-H1264 | Human | Lung carcinoma | NCI-H157 | Human | Lung carcinoma | ATCC FAQ #930,  #931 | No PMID |
| NCI-H1304 | Human | Lung carcinoma, small cell | NCI-H1870 | Human | Lung carcinoma, small cell | ATCC FAQ #1069 | No PMID |
| NCI-H1514 | Human | Lung carcinoma | Unknown | Human | Unknown | Durkin et al, 2000; ATCC website | 10949990 |
| NCI-H157 | Human | Lung carcinoma | NCI-H1264 | Human | Lung carcinoma | ATCC FAQ #930,  #931 | No PMID |
| NCI-H1622 | Human | Lung carcinoma | Unknown | Human | Unknown | ATCC website | No PMID |
| NCI-H1870 | Human | Lung carcinoma, small cell | NCI-H1304 | Human | Lung carcinoma, small cell | ATCC FAQ #1069 | No PMID |
| NCI-H249 | Human | Lung carcinoma, small cell | NCI-H69 | Human | Lung carcinoma, small cell | ATCC FAQ #1073 | No PMID |
| NCI-H513 | Human | Mesothelioma | NCI-H125 | Human | Lung carcinoma | ATCC FAQ #1060 | No PMID |
| NCI-H592 | Human | Lung carcinoma, small cell | NCI-H69 | Human | Lung carcinoma, small cell | ATCC FAQ #1070,  #1073 | No PMID |
| NCI-H60 | Human | Lung carcinoma, small cell | NCI-N417 | Human | Lung carcinoma, small cell | ATCC FAQ #1064 | No PMID |
| NCI-H630 | Human | Metastatic sample | Mixture | Human | Unknown | ATCC FAQ #1065 | No PMID |
| NCI-H738 | Human | Lung carcinoma | Unknown | Human | Unknown | ATCC website | No PMID |
| NCOL-1 | Human | Intestinal cells, normal  colon | LoVo | Human | Colon carcinoma | Melcher et al, 2005 | 15771911 |
| NCTC 2544 | Human | Skin epithelium | HeLa | Human | Cervical adenocarcinoma | Lavappa, 1978; Nelson-Rees et al,  1981 | 566722,  6451928 |
| NCTC 3075 | Human | Not specified | HeLa | Human | Cervical adenocarcinoma | Lavappa, 1978;  Nelson-Rees et al,  1981 | 566722,  6451928 |
| ND-1 | Human | Prostate carcinoma | DU-145 | Human | Prostate carcinoma | van Bokhoven et al,  2001 | 11304728 |
| NM2C5 | Human | Breast carcinoma | M14 | Human | Melanoma | ATCC website | No PMID |
| NOI-90 | Human | Lymphoma, non-  Hodgkin, natural killer cell | REH | Human | Leukemia, acute  lymphoblastic, B cell precursor | Drexler et al, 2003 | 12592342 |

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| **Misidentified**  **Cell Line** | **Claimed**  **Species** | **Claimed Cell Type** | **Contaminating**  **Cell Line** | **Actual Species** | **Actual Cell Type** | **Misidentification**  **Reported By** | **Reference**  **PubMed ID** |
| NOSE06 | Human | Ovary, normal | DOV-13 | Human | Ovarian carcinoma | Korch et al, 2012 | 22710073 |
| NOSE07 | Human | Ovary, normal | DOV-13 | Human | Ovarian carcinoma | Korch et al, 2012 | 22710073 |
| NPA87 | Human | Thyroid, papillary carcinoma | M14 | Human | Melanoma | Schweppe et al,  2008; Zhao et al,  2011 | 18713817,  21868764 |
| NS-3 | Human | Gastric carcinoma | COLO 201 | Human | Colon carcinoma | JCRB website | No PMID |
| OCUM-6 | Human | Gastric carcinoma | OCUM-11 | Human | Gastric carcinoma | JCRB website | No PMID |
| OE | Human | Endometrium | HeLa | Human | Cervical adenocarcinoma | Nelson-Rees et al,  1981; Ogura et al,  1997 | 6451928,  9556756 |
| OF | Human | Not specified | HeLa | Human | Cervical  adenocarcinoma | Ogura et al, 1997 | 9556756 |
| ONCO-DG-1 | Human | Thyroid, papillary  carcinoma | OVCAR-3 | Human | Ovarian carcinoma | DSMZ website | No PMID |
| OS 187 | Human | Sarcoma  (osteosarcoma) | HCT-15 | Human | Colon carcinoma | Zhang et al, 2013  [retraction] | 24046071 |
| OST | Human | Sarcoma  (osteosarcoma) | HeLa | Human | Cervical adenocarcinoma | Personal  communication, R. Nardone | No PMID |
| OU-AML-1 | Human | Leukemia, acute  myeloid, M4 | OCI/AML2 | Human | Leukemia, acute  myeloid, M4 | Drexler et al, 2003 | 12592342 |
| OU-AML-2 | Human | Leukemia, acute  myeloid, M2 | OCI/AML2 | Human | Leukemia, acute  myeloid, M4 | Drexler et al, 2003 | 12592342 |
| OU-AML-3 | Human | Leukemia, acute myeloid, M4 | OCI/AML2 | Human | Leukemia, acute myeloid, M4 | Drexler et al, 2003 | 12592342 |
| OU-AML-4 | Human | Leukemia, acute myeloid, M2 | OCI/AML2 | Human | Leukemia, acute myeloid, M4 | Drexler et al, 2003 | 12592342 |
| OU-AML-5 | Human | Leukemia, acute myeloid, M5 | OCI/AML2 | Human | Leukemia, acute myeloid, M4 | Drexler et al, 2003 | 12592342 |
| OU-AML-6 | Human | Leukemia, acute  myeloid, M1 | OCI/AML2 | Human | Leukemia, acute  myeloid, M4 | Drexler et al, 2003 | 12592342 |
| OU-AML-7 | Human | Leukemia, acute myeloid, M4 | OCI/AML2 | Human | Leukemia, acute myeloid, M4 | Drexler et al, 2003 | 12592342 |
| OU-AML-8 | Human | Leukemia, acute myeloid, M4 | OCI/AML2 | Human | Leukemia, acute myeloid, M4 | Drexler et al, 2003 | 12592342 |
| OV-1063 | Human | Ovarian carcinoma | Unknown | Human | Unknown | ATCC website | No PMID |
| OV2008, OV2008/C13 | Human | Ovarian carcinoma | ME-180 | Human | Cervical carcinoma | Korch et al, 2012 | 22710073 |
| Ovary1847 | Human | Ovarian carcinoma | NIH:OVCAR-8 | Human | Ovarian carcinoma | Korch et al, 2012 | 22710073 |
| OVMIU | Human | Ovarian carcinoma | OVSAYO | Human | Ovarian carcinoma | JCRB website | No PMID |
| P1-1A3 | Human | Thymic epithelium | SK-HEP-1 | Human | Liver carcinoma | MacLeod et al, 1999 | 10508494 |
| P1-4D6 | Human | Thymic epithelium | SK-HEP-1 | Human | Liver carcinoma | MacLeod et al, 1999 | 10508494 |
| P39/TSUGANE | Human | Leukemia, acute myeloid, M2 | HL-60 | Human | Leukemia, acute myeloid, M2 | Drexler et al, 2003; JCRB website | 12592342 |
| PBEI | Human | Leukemia, acute  lymphoblastic, B cell precursor | NALM-6 | Human | Leukemia, acute  lymphoblastic, B cell precursor | MacLeod et al, 1999; Drexler et al, 2003 | 10508494,  12592342 |
| PC-93 | Human | Prostate carcinoma | HeLa | Human | Cervical  adenocarcinoma | van Bokhoven et al,  2003 | 14518029 |
| PC-MDS | Human | Myelodysplastic  syndrome, therapy- related | K-562 | Human | Leukemia, chronic myeloid, blast crisis | Drexler et al, 2009 | 19344951 |
| PCI-22A | Human | Oral squamous cell carcinoma | Unknown, does not match other cell line from same donor | Human | Unknown | Zhao et al, 2011 | 21868764 |
| PCI-22B | Human | Oral squamous cell carcinoma (lymph node) | Unknown, does not match other cell line from same donor | Human | Unknown | Zhao et al, 2011 | 21868764 |
| PCI-3 | Human | Oropharyngeal squamous cell carcinoma | PC-3 | Human | Prostate carcinoma | Zhao et al, 2011 | 21868764 |
| PEAZ-1 | Human | Prostate carcinoma | HT-1080 | Human | Sarcoma (fibrosarcoma) | van Bokhoven, 2004; Schmelz et al, 2001 [erratum] | 11433418 [erratum] |
| PH61-N | Human | Not specified | MIA PaCa-2 | Human | Pancreatic carcinoma | JCRB website | No PMID |
| PLB-985 | Human | Leukemia, acute myeloid, M4 | HL-60 | Human | Leukemia, acute myeloid, M2 | Drexler et al, 2003 | 12592342 |

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| **Misidentified**  **Cell Line** | **Claimed**  **Species** | **Claimed Cell Type** | **Contaminating**  **Cell Line** | **Actual Species** | **Actual Cell Type** | **Misidentification**  **Reported By** | **Reference**  **PubMed ID** |
| PPC-1 | Human | Prostate carcinoma | PC-3 | Human | Prostate carcinoma | Chen, 1993 | 8428522 |
| PSV811 | Human | Skin fibroblast,  Werner's syndrome | WI-38 | Human | Lung, normal diploid  fibroblasts | JCRB website | No PMID |
| RAMAK-1 | Human | Muscle synovium | T-24 | Human | Bladder carcinoma | MacLeod et al, 1999 | 10508494 |
| RB | Human | Lymphoma, Hodgkin | OMK-210 | Monkey, Owl  (*Aotus trivirgatus* ) | Kidney, normal renal cells | Nelson-Rees et al,  1981; Drexler et al,  2003 | 6451928,  12592342 |
| RBHF-1 | Human | Liver, hepatoma | Unknown | Non-human | Unknown | MacLeod et al, 1999 | 10508494 |
| RC-2A | Human | Leukemia, acute myeloid, M4 | CCRF-CEM | Human | Leukemia, acute lymphoblastic, T cell | Drexler et al, 2003 | 12592342 |
| RED-3 | Human | Leukemia, acute myeloid | HL-60 | Human | Leukemia, acute myeloid, M2 | Drexler et al, 2003 | 12592342 |
| REH-6 | Human | Leukemia, acute lymphoblastic, B cell precursor | Unknown | Mouse | Unknown | Drexler et al, 2003 | 12592342 |
| REPC | Human | Kidney, normal renal cells | Hep 3B | Human | Liver, hepatocellular carcinoma | Frede et al, 2014 [retraction] | 21406725 |
| RERF-LC-MA | Human | Lung carcinoma, small cell | SK-MES-1 | Human | Lung, squamous cell | Capes-Davis et al,  2013 | 23136038 |
| RERF-LC-OK | Human | Lung carcinoma | Marcus | Human | Astrocytoma | JCRB website | No PMID |
| RM-10 | Human | Leukemia, chronic  myeloid, blast crisis | K-562 | Human | Leukemia, chronic  myeloid, blast crisis | Drexler et al, 2003 | 12592342 |
| RMUG-L | Human | Ovarian carcinoma | SNG-II | Human | Endometrial carcinoma | JCRB website | No PMID |
| RO-D81-1 | Human | Thyroid, medullary carcinoma | HT-29 | Human | Colon carcinoma | Dadon et al, 2013 | 23472229 |
| RO-H85-1 | Human | Thyroid, medullary carcinoma | 647-V | Human | Bladder carcinoma | Dadon et al, 2013 | 23472229 |
| RPMI-4788 | Human | Colon carcinoma | HeLa | Human | Cervical adenocarcinoma | Capes-Davis et al,  2013 | 23136038 |
| RPTC-1 | Human | Thyroid, papillary carcinoma | TPC-1 | Human | Thyroid, papillary carcinoma | Zhao et al, 2011 | 21868764 |
| RS-1 | Human | Leukemia, acute myeloid, M7 | K-562 | Human | Leukemia, chronic myeloid, blast crisis | Drexler et al, 2003 | 12592342 |
| RTSG | Human | Ovarian carcinoma | SNG-II | Human | Endometrial carcinoma | JCRB website | No PMID |
| RY | Human | Lymphoma, Hodgkin | Unknown | Monkey | Unknown | Harris et al, 1981; Drexler et al, 2003 | 7192801,  12592342 |
| SA4 | Human | Sarcoma (liposarcoma) | HeLa | Human | Cervical  adenocarcinoma | Nelson-Rees et al,  1981 | 6451928 |
| SAM-1 | Human | Leukemia, chronic  myeloid, blast crisis | K-562 | Human | Leukemia, chronic  myeloid, blast crisis | Drexler et al, 2003 | 12592342 |
| SAML-1 | Human | Lymphoma, Hodgkin | U-937 | Human | Lymphoma, histiocytic | ATCC FAQ #1074 | No PMID |
| SBC-2 | Human | Bladder carcinoma | HeLa | Human | Cervical adenocarcinoma | MacLeod et al, 1999 | 10508494 |
| SBC-7 | Human | Bladder carcinoma | HeLa | Human | Cervical adenocarcinoma | MacLeod et al, 1999 | 10508494 |
| SCCTF | Human | Oral squamous cell carcinoma | SCCKN | Human | Oral squamous cell carcinoma | Yoshino et al, 2006 | 16643607 |
| SCLC-16H | Human | Lung carcinoma, small cell | SCLC-21/22H | Human | Lung carcinoma, small cell | MacLeod et al, 1999 | 10508494 |
| SCLC-24H | Human | Lung carcinoma, small cell | SCLC-21/22H | Human | Lung carcinoma, small cell | MacLeod et al, 1999 | 10508494 |
| SEG-1 | Human | Esophageal adenocarcinoma | NCI-H460 | Human | Lung carcinoma, large cell | Boonstra et al, 2010 | 20075370 |
| SF767 | Human | Glioma, anaplastic astrocytoma | ME-180 | Human | Cervical carcinoma | Bady et al, 2012 | 22570425 |
| SH-2 | Human | Breast carcinoma | HeLa | Human | Cervical adenocarcinoma | Nelson-Rees et al,  1981 | 6451928 |
| SH-3 | Human | Breast carcinoma | HeLa | Human | Cervical adenocarcinoma | Nelson-Rees et al,  1981 | 6451928 |
| SK-GT-5 | Human | Esophageal adenocarcinoma | SK-GT-2 | Human | Gastric carcinoma  (gastric fundus) | Boonstra et al, 2010 | 20075370 |
| SK-MG-1 | Human | Astrocytoma | Marcus | Human | Astrocytoma | JCRB website | No PMID |

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| **Misidentified**  **Cell Line** | **Claimed**  **Species** | **Claimed Cell Type** | **Contaminating**  **Cell Line** | **Actual Species** | **Actual Cell Type** | **Misidentification**  **Reported By** | **Reference**  **PubMed ID** |
|  |  |  |  |  |  |  |  |
| SK-OV-4 | Human | Ovarian carcinoma | C-33A | Human | Cervical carcinoma | Korch et al, 2012 | 22710073 |
| SK-OV-6 | Human | Ovarian carcinoma | C-33A | Human | Cervical carcinoma | Korch et al, 2012 | 22710073 |
| SKW-3 | Human | Leukemia, chronic  lymphocytic, T cell | KE-37 | Human | Leukemia, acute  lymphoblastic | DSMZ website | No PMID |
| SLK | Human | Sarcoma (Kaposi) | Caki-1 | Human | Renal cell carcinoma | Stürzl et al, 2012 | 22987579 |
| SNB-19 | Human | Glioblastoma | U-251 MG | Human | Glioblastoma | Azari et al, 2007; ATCC website | 17254797 |
| SPI-801 | Human | Leukemia, acute lymphoblastic, T cell | K-562 | Human | Leukemia, chronic myeloid, blast crisis | Gignac et al, 1993; Drexler et al, 2003 | 8220135,  12592342 |
| SPI-802 | Human | Leukemia, acute lymphoblastic, T cell | K-562 | Human | Leukemia, chronic myeloid, blast crisis | Gignac et al, 1993; Drexler et al, 2003 | 8220135,  12592342 |
| SpR | Human | Lymphoma, Hodgkin | OMK-210 | Monkey, Owl  (*Aotus trivirgatus* ) | Kidney, normal renal cells | Nelson-Rees et al,  1981; Drexler et al,  2003 | 6451928,  12592342 |
| SQ-5 | Human | Lung carcinoma | HeLa | Human | Cervical adenocarcinoma | Yoshino et al, 2006 | 16643607 |
| SR-91 | Human | Leukemia, acute lymphoblastic, T cell | AML-193 | Human | Leukemia, acute myeloid, M5 | Drexler et al, 2003 | 12592342 |
| SW-527 | Human | Colon carcinoma | SW-480, SW-620 | Human | Colon carcinoma | Nelson-Rees et al,  1981 | 6451928 |
| SW-598 | Human | Colon carcinoma | SW-480, SW-620 | Human | Colon carcinoma | Nelson-Rees et al,  1981 | 6451928 |
| SW-608 | Human | Colon carcinoma | SW-480, SW-620 | Human | Colon carcinoma | Nelson-Rees et al,  1981 | 6451928 |
| SW-613 | Human | Colon carcinoma | SW-480, SW-620 | Human | Colon carcinoma | Nelson-Rees et al,  1981 | 6451928 |
| SW-732 | Human | Colon carcinoma | SW-480, SW-620 | Human | Colon carcinoma | Nelson-Rees et al,  1981 | 6451928 |
| SW-733 | Human | Colon carcinoma | SW-480, SW-620 | Human | Colon carcinoma | Nelson-Rees et al,  1981 | 6451928 |
| T-1 | Human | Kidney, normal renal cells | HeLa | Human | Cervical adenocarcinoma | Nelson-Rees et al,  1980; Nelson-Rees et al, 1981 | 7394535,  6451928 |
| T1 | Human | Neural stem cell | HeLa | Human | Cervical  adenocarcinoma | Torsvik et al, 2012 | 22949886 |
| T-33 | Human | Leukemia, chronic myeloid, blast crisis | K-562 | Human | Leukemia, chronic myeloid, blast crisis | Drexler et al, 2003 | 12592342 |
| T404 | Human | Oral squamous cell carcinoma | T404, T406, Tu-138, Tu-158LN, Tu-159, Tu-182, Tu-212, Tu-  212LN (genetically identical) | Human | Head and neck squamous cell carcinoma | Zhao et al, 2011 | 21868764 |
| T406 | Human | Oral squamous cell carcinoma | T404, T406, Tu-138, Tu-158LN, Tu-159, Tu-182, Tu-212, Tu-  212LN (genetically identical) | Human | Head and neck squamous cell carcinoma | Zhao et al, 2011 | 21868764 |
| T409 | Human | Oral squamous cell carcinoma | UM-SCC-1 | Human | Oral squamous cell carcinoma (recurrence) | Zhao et al, 2011 | 21868764 |
| T-9 | Human | Lung cells, transformed normal diploid fibroblasts | HeLa | Human | Cervical adenocarcinoma | Nelson-Rees et al,  1981 | 6451928 |
| TCO-1 | Human | Cervical carcinoma | TCO-2 | Human | Cervical carcinoma | Yoshino et al, 2006 | 16643607 |
| TDL-1 | Human | Tonsillar lymphoid cells, non-neoplastic | P3JHR-1 | Human | Lymphoma, Burkitt | Nelson-Rees et al,  1981 | 6451928 |
| TDL-2 | Human | Tonsillar lymphoid cells, non-neoplastic | P3JHR-1 | Human | Lymphoma, Burkitt | Nelson-Rees et al,  1981 | 6451928 |
| TDL-3 | Human | Tonsillar lymphoid cells, non-neoplastic | RPMI 1788 | Human | Lymphoblastoid cell line, normal donor | Nelson-Rees et al,  1981 | 6451928 |
| TDL-4 | Human | Tonsillar lymphoid cells, non-neoplastic | Raji | Human | Lymphoma, Burkitt | Nelson-Rees et al,  1981 | 6451928 |
| TE-12 | Human | Esophageal squamous cell carcinoma | TE-2, TE-3, TE-12 or TE-13 (genetically identical) | Human | Esophageal squamous cell carcinoma | Boonstra et al, 2007 | 17804709 |
| TE-13 | Human | Esophageal squamous cell carcinoma | TE-2, TE-3, TE-12 or TE-13 (genetically identical) | Human | Esophageal squamous cell carcinoma | Boonstra et al, 2007 | 17804709 |
| TE-2 | Human | Esophageal squamous cell carcinoma | TE-2, TE-3, TE-12 or TE-13 (genetically identical) | Human | Esophageal squamous cell carcinoma | Boonstra et al, 2007 | 17804709 |

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| **Misidentified**  **Cell Line** | **Claimed**  **Species** | **Claimed Cell Type** | **Contaminating**  **Cell Line** | **Actual Species** | **Actual Cell Type** | **Misidentification**  **Reported By** | **Reference**  **PubMed ID** |
| TE-3 | Human | Esophageal squamous cell carcinoma | TE-2, TE-3, TE-12 or TE-13 (genetically identical) | Human | Esophageal squamous cell carcinoma | Boonstra et al, 2007 | 17804709 |
| TE-7 | Human | Esophageal adenocarcinoma | TE-2, TE-3, TE-12 or TE-13 (genetically identical) | Human | Esophageal squamous cell carcinoma | Boonstra et al, 2007 | 17804709 |
| TEC61 | Human | Thyroid, endothelium | JEG3 | Human | Choriocarcinoma | Patel et al, 2003 [retraction] | 12388152 |
| TK-1 | Human | Glioblastoma | U-251 MG | Human | Glioblastoma | JCRB website | No PMID |
| TI-1 | Human | Leukemia, acute  myeloid, M2 | K-562 | Human | Leukemia, chronic  myeloid, blast crisis | Rush et al, 2002;  Drexler et al, 2003 | 11871388,  12592342 |
| TMH-1 | Human | Thyroid, benign goitre | IHH-4 | Human | Thyroid, papillary  thyroid carcinoma | JCRB website | No PMID |
| TMM | Human | Leukemia, chronic myeloid, blast crisis | Correct name, incorrect cell type | Human | EBV+ B-lymphoblastoid cell line | Drexler et al, 2003 | 12592342 |
| TSU-Pr1 | Human | Prostate carcinoma | T-24 | Human | Bladder carcinoma | van Bokhoven et al,  2001 | 11522622 |
| Tu-138 | Human | Oral squamous cell carcinoma | T404, T406, Tu-138, Tu-158LN, Tu-159, Tu-182, Tu-212, Tu-  212LN (genetically identical) | Human | Head and neck squamous cell carcinoma | Zhao et al, 2011 | 21868764 |
| Tu-158LN | Human | Oropharyngeal squamous cell carcinoma | T404, T406, Tu-138, Tu-158LN, Tu-159, Tu-182, Tu-212, Tu-  212LN (genetically identical) | Human | Head and neck squamous cell carcinoma | Zhao et al, 2011 | 21868764 |
| Tu-159 | Human | Oropharyngeal squamous cell carcinoma | T404, T406, Tu-138, Tu-158LN, Tu-159, Tu-182, Tu-212, Tu-  212LN (genetically identical) | Human | Head and neck squamous cell carcinoma | Zhao et al, 2011 | 21868764 |
| Tu-167 | Human | Oral squamous cell carcinoma | UM-SCC-1 | Human | Oral squamous cell carcinoma (recurrence) | Zhao et al, 2011 | 21868764 |
| Tu-182 | Human | Oropharyngeal squamous cell carcinoma | T404, T406, Tu-138, Tu-158LN, Tu-159, Tu-182, Tu-212, Tu-  212LN (genetically identical) | Human | Head and neck squamous cell carcinoma | Zhao et al, 2011 | 21868764 |
| Tu-212 | Human | Hypopharyngeal squamous cell carcinoma | T404, T406, Tu-138, Tu-158LN, Tu-159, Tu-182, Tu-212, Tu-  212LN (genetically identical) | Human | Head and neck squamous cell carcinoma | Zhao et al, 2011 | 21868764 |
| Tu-212LN | Human | Hypopharyngeal squamous cell carcinoma (lymph node) | T404, T406, Tu-138, Tu-158LN, Tu-159, Tu-182, Tu-212, Tu-  212LN (genetically identical) | Human | Head and neck squamous cell carcinoma | Zhao et al, 2011 | 21868764 |
| TuWi | Human | Kidney, Wilms' tumor | HeLa | Human | Cervical adenocarcinoma | Lavappa, 1978;  Nelson-Rees et al,  1981 | 6451928 |
| U-118 MG | Human | Glioblastoma | U-138 MG | Human | Glioblastoma | ATCC website | No PMID |
| UM-UC-2 | Human | Bladder carcinoma | T-24 | Human | Bladder carcinoma | Chiong et al, 2009 | 19375735 |
| UM-UC-3-GFP | Human | Bladder carcinoma, GFP-transfected | Unknown, NOT UM- UC-3 | Human | Unknown | Chiong et al, 2009 | 19375735 |
| UPES/C | Human | Brain, non-neoplastic  astrocytes | Unknown | Rat | Unknown | Higgins et al, 2010 | 20951163 |
| UPHHJA | Human | Glioblastoma | Unknown | Rat | Unknown | Higgins et al, 2010 | 20951163 |
| UTMB-460 | Human | B-cells | CCRF-CEM | Human | Leukemia, acute lymphoblastic, T cell | Drexler et al, 2003 | 12592342 |
| VC312R | Human | Medulloblastoma | Unknown | Mixed, human +  mouse | Unknown | Higgins et al, 2010 | 20951163 |

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| **Misidentified**  **Cell Line** | **Claimed**  **Species** | **Claimed Cell Type** | **Contaminating**  **Cell Line** | **Actual Species** | **Actual Cell Type** | **Misidentification**  **Reported By** | **Reference**  **PubMed ID** |
| VM-CUB-III | Human | Bladder carcinoma | VM-CUB-I | Human | Bladder carcinoma | Masters et al, 1986 | 3708594 |
| WiDr | Human | Colon carcinoma | HT-29 | Human | Colon carcinoma | Chen et al, 1987 | 3472642 |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Wong-Kilbourne | Human | Conjunctiva | HeLa | Human | Cervical adenocarcinoma | Lavappa, 1978; Nelson-Rees et al,  1981 | 566722,  6451928 |
|  |  |  |  |  |  |  |  |
| WSU-ALCL | Human | Lymphoma, anaplastic large cell | CCRF-CEM | Human | Leukemia, acute lymphoblastic, T cell | Drexler et al, 2003 | 12592342 |
| WSU-CLL | Human | Leukemia, chronic lymphocytic | REH | Human | Leukemia, acute lymphoblastic, B cell precursor | Drexler et al, 2002; Drexler et al, 2003 | 12200708,  12592342 |
| YAA | Human | Monocytes | U-937 | Human | Lymphoma, histiocytic | Drexler et al, 2003 | 12592342 |
| YAP | Human | Monocytes | U-937 | Human | Lymphoma, histiocytic | Drexler et al, 2003 | 12592342 |
| YJ | Human | Leukemia, chronic myelomonocytic | HL-60 | Human | Leukemia, acute myeloid, M2 | Drexler et al, 2003 | 12592342 |
| YMB-1 | Human | Breast carcinoma | ZR-75-1 | Human | Breast carcinoma | Capes-Davis et al,  2013 | 23136038 |
| YMB-1-E | Human | Breast carcinoma | ZR-75-1 | Human | Breast carcinoma | 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**

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| **Misidentified**  **Cell Line** | **Claimed**  **Species** | **Claimed Cell**  **Type** | **Contaminating**  **Cell Line** | **Actual**  **Species** | **Actual Cell**  **Type** | **Authentic Stock Location** | **Misidentification**  **Reported By** | **Reference**  **PubMed ID** |
| 1483 | Human | Oral squamous cell carcinoma | UM-SCC-1 | Human | Oral squamous cell carcinoma (recurrence) | Peter G. Sacks, New York University (originator) | Zhao et al, 2011 | 21868764 |
| 183 | Human | Oropharyngeal squamous cell carcinoma | T404, T406, Tu-  138, Tu-158LN, Tu-  159, Tu-182, Tu-  212, Tu-212LN (genetically identical) | Human | Head and neck squamous cell carcinoma | Peter G. Sacks, New York University (originator) | Zhao et al, 2011 | 21868764 |
| 207 (EU-2) | Human | Leukemia, acute lymphoblastic, B cell precursor | REH and SUP-B2 | Human | Leukemia, acute lymphoblastic, B cell precursor |  | MacLeod et al,  1999; Drexler et al,  2003 | 10508494,  12592342 |
| BJA-B | Human | Bladder carcinoma | HeLa | Human | Cervical adenocarcinoma |  | Nelson-Rees & Flandermeyer, 1976 | 1246601 |
| BT-20 | Human | Breast carcinoma | HeLa | Human | Cervical adenocarcinoma | ATCC (HTB-19) | Nelson-Rees et al,  1981 | 6451928 |
| Ca9-22 | Human | Oral squamous cell carcinoma | MSK-922 | Human | Laryngeal  squamous cell carcinoma (recurrence) | JCRB  (JCRB0625); RIKEN (RCB1976) | Zhao et al, 2011 | 21868764 |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| FU-RPNT-2 | Human | Kidney, renal  primitive neuroectodermal tumor | FU-RPNT-1 | Human | Kidney, renal  primitive neuroectodermal tumor | RIKEN (RCB2078) | RIKEN website | No PMID |
| HPB-ALL | Human | Leukemia, acute lymphoblastic, T cell | JURKAT | Human | Leukemia, acute lymphoblastic, T cell | DSMZ (ACC-  483); RIKEN (RCB1935) | Drexler et al, 2003 | 12592342 |
| J-82 | Human | Bladder carcinoma | T-24 | Human | Bladder carcinoma |  | Masters et al, 1986 | 3708594 |
| JHH-1 | Human | Liver, hepatocellular carcinoma | Unknown | Mouse | Unknown | JCRB (JCRB1062) | JCRB website | No PMID |
|  |  |  |  |  |  |  |  |  |
| KBM-3 | Human | Leukemia, acute myeloid, M4 | HL-60 | Human | Leukemia, acute myeloid, M2 |  | Drexler et al, 2003 | 12592342 |
| KE-37 | Human | Leukemia, acute lymphoblastic, T cell | CCRF-CEM | Human | Leukemia, acute lymphoblastic, T cell | DSMZ (ACC-46) | Drexler et al, 1999 | 10516762 |
| L-540 | Human | Lymphoma, Hodgkin | CCRF-CEM | Human | Leukemia, acute lymphoblastic, T cell | DSMZ (ACC-72) | Drexler et al, 2003 | 12592342 |
| MB-02 | Human | Leukemia, acute myeloid, M7 | HU-3 | Human | Leukemia, acute myeloid, M7 |  | Drexler et al, 1999 | 10516762 |
| MDA1986LN | Human | Oral squamous cell carcinoma (lymph node) | UM-SCC-1 | Human | Oral squamous cell carcinoma (recurrence) | Peter G. Sacks,  New York University (originator) | Zhao et al, 2011 | 21868764 |
| MDA686LN | Human | Oropharyngeal  squamous cell carcinoma (lymph node) | UM-SCC-1 | Human | Oral squamous cell carcinoma (recurrence) | Peter G. Sacks,  New York University (originator) | Zhao et al, 2011 | 21868764 |
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| **Misidentified**  **Cell Line** | **Claimed**  **Species** | **Claimed Cell**  **Type** | **Contaminating**  **Cell Line** | **Actual**  **Species** | **Actual Cell**  **Type** | **Authentic Stock Location** | **Misidentification**  **Reported By** | **Reference**  **PubMed ID** |
| MDA686TU | Human | Oropharyngeal squamous cell carcinoma | T404, T406, Tu-  138, Tu-158LN, Tu-  159, Tu-182, Tu-  212, Tu-212LN (genetically identical) | Human | Head and neck squamous cell carcinoma | Peter G. Sacks, New York University (originator) | Zhao et al, 2011 | 21868764 |
| MKN-7 | Human | Gastric carcinoma | Unknown | Human | Lymphoblastoid cells | JCRB  (JCRB1025); RIKEN (RCB0999) | Suzuki and  Sekiguchi, 1999 | No PMID (book chapter) |
| NCI-H929 | Human | Myeloma | K-562 | Human | Leukemia, chronic myeloid, blast crisis | ATCC (CRL-  9068); DSMZ (ACC-163); ECACC (95050415) | MacLeod et al, 2013 | 23319659 |
| Parks | Dog, *Canis*  *familiaris* | Melanoma | Unknown | Human | Unknown |  | O'Donoghue et al,  2011 | 21908323 |
| RMG-II | Human | Ovarian carcinoma | RMG-I | Human | Ovarian carcinoma | JCRB (JCRB0172.1) | JCRB website | No PMID |
| RPMI-8402 | Human | Leukemia, acute lymphoblastic, T cell | Unknown | Human | Unknown | DSMZ (ACC-  290) | Drexler et al, 1999 | 10516762 |
| RT4 | Human | Bladder carcinoma | HeLa | Human | Cervical adenocarcinoma | ATCC (HTB-2);  DSMZ (ACC-  412); ECACC (91091914) | Nelson-Rees et al,  1981 | 6451928 |
| T3M-12 | Human | Lung carcinoma | T3M-1 | Human | Oral carcinoma | RIKEN (RCB2281) | RIKEN website | No PMID |
| U-373 MG | Human | Glioblastoma | U-251 MG | Human | Glioblastoma | ECACC (08061901) | Torsvik et al, 2014;  Timerman & Yeung,  2014; ECACC  website; ATCC  website | 24810477,  24333272 |
| U-937 | Human | Lymphoma, histiocytic | Unknown | Human | Unknown | ATCC (CRL-  1593.2); DSMZ (ACC-5); ECACC (85011440); JCRB (JCRB9021) | Drexler et al, 1999 | 10516762 |
| UROtsa | Human | Bladder, non- malignant urothelial cells | T-24 | Human | Bladder carcinoma |  | Johnen et al, 2013 | 23691160 |
| UT-7 | Human | Leukemia, acute myeloid, M7 | U-937 | Human | Lymphoma, histiocytic | DSMZ (ACC-  137) | Drexler et al, 2003 | 12592342 |
| Yamada | Dog, *Canis*  *familiaris* | Sarcoma  (osteosarcoma) | Unknown | Mouse | Unknown |  | O'Donoghue et al,  2011 | 21908323 |
|  |  |  |  |  |  |  |  |  |