

Resource Summary Report

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International Cell Line Authentication Committee

RRID:SCR_014414

Type: Tool

Proper Citation

International Cell Line Authentication Committee (RRID:SCR_014414)

Resource Information

URL: <http://iclac.org>

Proper Citation: International Cell Line Authentication Committee (RRID:SCR_014414)

Description: An independent committee established to improve visibility of cell lines and promote awareness and authentication testing to combat false or misidentified cell lines. It contains a databases of cross-contaminated or otherwise misidentified cell lines, as well as resources to familiarize users of cell lines and the problem of misidentification. Their Terms of Reference defines false or misidentified cell lines and other commonly used terms, as well as sets out the committee goals and ground rules.

Abbreviations: ICLAC

Synonyms: International Cell Line Authentication Committee (ICLAC)

Resource Type: data or information resource, portal, database, organization portal

Keywords: organization portal, database, cell line, misidentified, false, database, cross contaminated, committee, authentication

Resource Name: International Cell Line Authentication Committee

Resource ID: SCR_014414

Record Creation Time: 20220129T080320+0000

Record Last Update: 20260812T044249+0000

Ratings and Alerts

No rating or validation information has been found for International Cell Line Authentication Committee.

No alerts have been found for International Cell Line Authentication Committee.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 21 mentions in open access literature.

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

Sette-de-Souza PH, et al. (2025) Use of Contaminated/Misidentified Cell Lines: A Critical Concern for Oral Cancer Research. *Oral diseases*, 31(7), 2359.

Ren Z, et al. (2024) NASTRA: accurate analysis of short tandem repeat markers by nanopore sequencing with repeat-structure-aware algorithm. *Briefings in bioinformatics*, 25(6).

Ahmad R, et al. (2022) Development of a Critical Appraisal Tool (AIMRDA) for the Peer-Review of Studies Assessing the Anticancer Activity of Natural Products: A Step towards Reproducibility. *Asian Pacific journal of cancer prevention : APJCP*, 22(12), 3735.

Serrero MC, et al. (2022) The interferon-inducible GTPase MxB promotes capsid disassembly and genome release of herpesviruses. *eLife*, 11.

Yu Y, et al. (2021) Systematic screening reveals synergistic interactions that overcome MAPK inhibitor resistance in cancer cells. *Cancer biology & medicine*, 19(2), 229.

Li JV, et al. (2021) Modified N-linked glycosylation status predicts trafficking defective human Piezo1 channel mutations. *Communications biology*, 4(1), 1038.

Shimizu K, et al. (2021) Identification of TCR repertoires in functionally competent cytotoxic T cells cross-reactive to SARS-CoV-2. *Communications biology*, 4(1), 1365.

Vero Li J, et al. (2021) The anchor domain is critical for Piezo1 channel mechanosensitivity. *Channels (Austin, Tex.)*, 15(1), 438.

Visconti P, et al. (2021) Short tandem repeat profiling for the authentication of cancer stem-like cells. *International journal of cancer*, 148(6), 1489.

Ku J, et al. (2020) Single-cell analysis of AIMP2 splice variants informs on drug sensitivity and prognosis in hematologic cancer. *Communications biology*, 3(1), 630.

Mirabelli P, et al. (2019) Cancer Cell Lines Are Useful Model Systems for Medical Research. *Cancers*, 11(8).

Chauhan AS, et al. (2019) STIM2 interacts with AMPK and regulates calcium-induced AMPK activation. *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*, 33(2), 2957.

Pawar G, et al. (2019) In Silico Toxicology Data Resources to Support Read-Across and (Q)SAR. *Frontiers in pharmacology*, 10, 561.

Johnstone CN, et al. (2018) Functional and genomic characterisation of a xenograft model system for the study of metastasis in triple-negative breast cancer. *Disease models & mechanisms*, 11(5).

Zuiverloon TCM, et al. (2018) Systematic Review: Characteristics and Preclinical Uses of Bladder Cancer Cell Lines. *Bladder cancer* (Amsterdam, Netherlands), 4(2), 169.

Kurtz A, et al. (2018) A Standard Nomenclature for Referencing and Authentication of Pluripotent Stem Cells. *Stem cell reports*, 10(1), 1.

Wu C, et al. (2018) Targeting AURKA-CDC25C axis to induce synthetic lethality in ARID1A-deficient colorectal cancer cells. *Nature communications*, 9(1), 3212.

Alvero AB, et al. (2017) Novel approach for the detection of intraperitoneal micrometastasis using an ovarian cancer mouse model. *Scientific reports*, 7, 40989.

Fazekas J, et al. (2017) Long term storage in liquid nitrogen leads to only minor phenotypic and gene expression changes in the mammary carcinoma model cell line BT474. *Oncotarget*, 8(21), 35076.

Horton ER, et al. (2015) Definition of a consensus integrin adhesome and its dynamics during adhesion complex assembly and disassembly. *Nature cell biology*, 17(12), 1577.