Resource Summary Report

Generated by RRID on Apr 10, 2025

CLASTR

RRID:SCR_024863
Type: Tool

Proper Citation

CLASTR (RRID:SCR_024863)

Resource Information

URL: https://www.cellosaurus.org/str-search/

Proper Citation: CLASTR (RRID:SCR_024863)

Description: Web tool to seach for similarity between cell line Short Tandem Repeat markers and those stored in Cellosaurus knowledge resource.Cellosaurus STR similarity search tool for cell line authentication.

Synonyms: Cellosaurus Short Tandem Repeat search tool

Resource Type: software resource, data access protocol, web service

Defining Citation: PMID:31444973

Keywords: Cellosaurus knowledge, Cellosaurus STR similarity search, STR profiling, Short Tandem Repeat markers, cell line authentication, similarity between cell line STR markers,

Funding:

Availability: Free, Available for download, Freely available

Resource Name: CLASTR

Resource ID: SCR_024863

Alternate URLs: https://github.com/calipho-sib/cellosaurus-STR-similarity-search-tool

License: GNU GPL v3.0

Record Creation Time: 20240112T050239+0000

Record Last Update: 20250410T071824+0000

Ratings and Alerts

No rating or validation information has been found for CLASTR.

No alerts have been found for CLASTR.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 8 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID.

Hoshino H, et al. (2025) Establishment of a human ovarian endometrioid carcinoma cell line by constitutive expression of cyclin-dependent kinase 4, cyclin D1 and telomerase reverse transcriptase. Human cell, 38(2), 47.

Andrews JM, et al. (2024) STRprofiler: efficient comparisons of short tandem repeat profiles for biomedical model authentication. Bioinformatics (Oxford, England), 40(12).

Murphy CS, et al. (2024) Inhibition of Acyl-CoA Synthetase Long Chain Isozymes Decreases Multiple Myeloma Cell Proliferation and Causes Mitochondrial Dysfunction. bioRxiv : the preprint server for biology.

Nishioka Y, et al. (2024) Establishment of a novel small bowel adenocarcinoma cell line using patient?derived xenografts, which produces CEA and CA19?9. Oncology letters, 28(2), 360.

Hoshino H, et al. (2024) Establishment of a human ovarian clear cell carcinoma cell line mutant in PIK3CB but not PIK3CA. Human cell, 37(4), 1184.

González B, et al. (2021) Somatic Hypomethylation of Pericentromeric SST1 Repeats and Tetraploidization in Human Colorectal Cancer Cells. Cancers, 13(21).

Yusefi M, et al. (2020) The Potential Anticancer Activity of 5-Fluorouracil Loaded in Cellulose Fibers Isolated from Rice Straw. International journal of nanomedicine, 15, 5417.

Kolendowski B, et al. (2020) Characterization of Mutational Status, Spheroid Formation, and Drug Response of a New Genomically-Stable Human Ovarian Clear Cell Carcinoma Cell Line, 105C. Cells, 9(11).