

Selecting similar cell lines

Cell Line Synopsis

- Cell Line Overview
- Copy Number Variation
- Mutations
- Gene Expression
- RNA Interference
- Compound Sensitivity Profile
- Similar Cell Lines**

HCT-116 - Overview - Cell Line Synopsis

Cell Line Information

Name: HCT-116

Tissue: colon, colorectal, large_intestine

Disease: adenocarcinoma, cancer, carcinoma

Select 'Similar Cell Lines' from the cell line synopsis side menu.

Click on help buttons to find out more about how similarity was calculated



Switch between different measures of similarity using the tabs

HCT-116 - Similar Cell Lines - Cell Line Synopsis

Similarity by Gene Mutation | Similarity by Gene Expression Profile | Similarity by Drug Sensitivity Profile | Similarity by Copy Number Profile

Showing 1 to 10 of 415 entries

Name	Tissue	Disease	# Common	% Common	Mutations
SNU-1040	colon, colorectal, large_intestine	adenocarcinoma, carcinoma	73	1.492	CLICK TO SHOW
CW-2	large_intestine	carcinoma	50	1.022	CLICK TO SHOW
IGROV-1	ovary	adenocarcinoma, cancer, carcinoma	44	0.899	CLICK TO SHOW
SNU-C5			43	0.879	CLICK TO SHOW
RL95-2	uterus, endometrium	adenocarcinoma, carcinoma	41	0.838	CLICK TO SHOW
LOVO	colon, colorectal, large_intestine	adenocarcinoma, cancer, carcinoma	40	0.818	CLICK TO SHOW
23132-87	stomach	carcinoma	38	0.777	CLICK TO SHOW
HOLT-4	lymph_node, blood_bone_marrow, haematopoietic_and_lymphoid_tissue	lymphoma, haematopoietic_neoplasm, leukaemia, lymphoid_neoplasm	35	0.715	CLICK TO SHOW
SNU-C2B	csecum, colorectal, large_intestine	cancer, carcinoma	34	0.695	CLICK TO SHOW
C-33-A	uterus, endometrium, cervix	adenocarcinoma, carcinoma	34	0.695	CLICK TO SHOW
CCK-81	colorectal, large_intestine	carcinoma	33	0.675	CLICK TO SHOW
MHH-PRE3-1	haematopoietic_and_lymphoid_tissue	lymphoid_neoplasm	32	0.654	CLICK TO SHOW
GPSD	colon, colorectal, large_intestine	cancer, carcinoma	32	0.654	CLICK TO SHOW

This displays a sortable table of similar cell lines to the original cell line, based on either their mutations, gene expression profiles, drug sensitivities or copy number. Clicking the name of a cell line will take you to its cell line synopsis page.