

Human Colon Tumor Cell lines

Part of the CLS cell bank

CLS Cell Lines Service



Name of cell line	Cell type	Organism, Ethnicity	Age / Gender	Tissue / Disease	Morphology	Growth properties	Passage	CLS order no.
Caco-2 ¹	Colorectal adenocarcinoma cell line	Homo sapiens (Human) / Caucasian	72 / male	Colon / adenocarcinoma	Epithelial	Monolayer, adherent	41	300137
Colo-205 ²	Colorectal adenocarcinoma cell line	Homo sapiens (Human) / Caucasian	70 / male	Colon / Dukes' type D	Epithelial	Adherent	26	300380
Colo-320 DM ³	Colorectal adenocarcinoma cell line	Homo sapiens (Human) / Caucasian	55 / female	Colon / Dukes' type D	Rounded and refractile	Adherent	33	300153
Colo-60H ⁴	Colorectal adenocarcinoma cell line	Homo sapiens (Human) / Caucasian	73 / male	Colon transversum / Untreated adenocarcinoma	Epithelial	Adherent, in colonies	37	300456
Colo-94H ⁵	Colorectal adenocarcinoma cell line	Homo sapiens (Human) / Caucasian	70 / male	Colon ascendens / adenocarcinoma	Epithelial	Adherent, monolayer	13	300161
CX-1 ⁶	Colorectal adenocarcinoma cell line	Homo sapiens (Human) / Caucasian	44 / female	Colon / adenocarcinoma	Epithelial	Adherent, colonies	21	300159
HCT-8 (HRT-18) ⁷	Colorectal adenocarcinoma cell line	Homo sapiens (Human) / Caucasian	67 / male	Colon / adeno-carcinoma, ileocecal	Epithelial	Adherent, monolayer	27	300210
HHC6548 T1 M1 ⁸	Colorectal adenocarcinoma cell line	Homo sapiens (Human) / Caucasian	26 / male	Colon ascendens, UICC IIIc / Adenocarcinoma, TNM stage T3N2MxG3	Epithelial-fibroblastoid	Adherent 2D, in colonies	26	300832
HROBMC01 ⁹	Colorectal adenocarcinoma cell line	Homo sapiens (Human) / Caucasian	60 / female	Colorectal Cancer (CRC) / a brain metastasis of a primary colorectal carcinoma	Epithelial-fibroblastoid	Adherent, in colonies	26	300800
HROC103 T0 M1 ⁹	Colorectal adenocarcinoma cell line	Homo sapiens (Human) / Caucasian	44 / male	Colon rectum, UICC IIIa / Epithelial Established from a PDX (patient-derived xenograft) of primary CRC tissue (Colon ascendens, TNM stage T2N1M0, grade G2).	Epithelial	Adherent 2D, colonies	29	300802

Name of cell line	Cell type	Organism, Ethnicity	Age / Gender	Tissue / Disease	Morphology	Growth properties	Passage	CLS order no.
HROC107 ⁹	Colorectal adenocarcinoma cell line	Homo sapiens (Human) / Caucasian	74 / male	Colon sigmoid, UICC IV / TNM stage T3N2M1, grade G2)	Epithelial	Adherent 2D, in colonies	40	300845
HROC112Met T0 M2 ⁹	Colorectal adenocarcinoma cell line	Homo sapiens (Human) / Caucasian	79 / female	Liver Metastasis, Metastasis of primary CRC tissue. Colon ascendens, TNM stage T3N2M1, grade G2	Epithelial	Adherent, in colonies	18	300846
HROC113 ¹⁰	Colorectal adenocarcinoma cell line	Homo sapiens (Human) / Caucasian	41 / female	Colon ascendens, UICC IV TNM stage T4N2M0, grade G3).	Epithelial	Adherent 2D, in colonies	36	300803
HROC126 ⁹	Colorectal adenocarcinoma cell line	Homo sapiens (Human) / Caucasian	58 / female	Colon rectum, UICC IIIa / Primary adenocarcinoma, TNM stage T3N1M0, grading G2	Epithelial	Adherent, in colonies	26	300804
HROC131 T0 M3 ⁹	Colorectal adenocarcinoma cell line	Homo sapiens (Human) / Caucasian	75 / female	Colon ascendens, UICC IIIa, TNM stage T3N1M0, grade G3	Epithelial	Adherent, in colonies	25	300805
HROC147Met ⁹	Colorectal adenocarcinoma cell line	Homo sapiens (Human) / Caucasian	54 / male	Liver Metastasis, Metastasis of primary CRC tissue (Colon sigmoid)	Epithelial	Adherent, 2D in colonies	25	300806
HROC173 ⁹	Colorectal adenocarcinoma cell line	Homo sapiens (Human) / Caucasian	45 / male	Colon ascendens, UICC IV, Primary adenocarcinoma, TNM stage T4N2M1 grading G3	Epithelial	Adherent, in colonies	28	300807
HROC18 ⁹	Colorectal adenocarcinoma cell line	Homo sapiens (Human) / Caucasian	65 / female	Colon (caecum), UICC I/ Primary adenocarcinoma, TNM stage T2N0M0 R0L0V0, grading G2	Epithelial	Adherent, in colonies	39	300808

Name of cell line	Cell type	Organism, Ethnicity	Age / Gender	Tissue / Disease	Morphology	Growth properties	Passage	CLS order no.
HROC183 ⁹	Colorectal adenocarcinoma cell line	Homo sapiens (Human) / Caucasian	59 / female	Colon ascendens, UICC IIIb / Primary adenocarcinoma, TNM stage T3N2M0, grading G3	Epithelial	Adherent, in colonies	26	300809
HROC183 T0 M2 ⁹	Colorectal adenocarcinoma cell line	Homo sapiens (Human) / Caucasian	59 / female	Colon ascendens UICC IIIb / Established from a PDX (patient-derived xenograft) of primary CRC tissue (Colon ascendens, TNM stage T3N2M0, grade G3).	Epithelial	Adherent, in colonies	24	300810
HROC212 ⁹	Colorectal adenocarcinoma cell line	Homo sapiens (Human) / Caucasian	74 / female	Colon coecum, UICC IV / Primary adenocarcinoma, TNM stage T4N2M1, grading G3	Epithelial	Adherent, in colonies	24	300811
HROC24 ¹⁰	Colorectal adenocarcinoma cell line	Homo sapiens (Human) / Caucasian	98 / male	Colon ascendens, UICC I / Primary adenocarcinoma, TNM stage T2N0M0, grading G2	Epithelial	Adherent, in colonies	27	300812
HROC24 T1 M1 ⁹	Colorectal adenocarcinoma cell line	Homo sapiens (Human) / Caucasian	98 / male	PDX (patient-derived xenograft) of primary CRC tissue (Colon ascendens, UICC I, TNM stage T2N0M0 grading G2).	Epithelial	Adherent, Small cells within colonies	25	300813
HROC257 ⁹	Colorectal adenocarcinoma cell line	Homo sapiens (Human) / Caucasian	84 / female	Colon ascendens, UICC IV, Primary adenocarcinoma, TNM stage T4N2MX, grading G3	Epithelial	Adherent, in colonies	25	300814
HROC257 T0 M1 ⁹	Colorectal adenocarcinoma cell line	Homo sapiens (Human) / Caucasian	84 / female	Colon ascendens, UICC IV, Established from a PDX (patient-derived xenograft) of primary CRC tissue (Colon ascendens, TNM stage T4N2MX, grade G3).	Epithelial	Adherent, in colonies	25	300815

Name of cell line	Cell type	Organism, Ethnicity	Age / Gender	Tissue / Disease	Morphology	Growth properties	Passage	CLS order no.
HROC277 T0 M1 ⁹	Colorectal adenocarcinoma cell line	Homo sapiens (Human) / Caucasian	77 / male	Colon coecum, UICC IV, Established from a PDX (patient-derived xenograft) of primary CRC tissue (Colon ascendens, TNM stage T4N2M1, grade G2)	Epithelial	Adherent, in colonies		300834
HROC277Met2 ⁹	Colorectal adenocarcinoma cell line	Homo sapiens (Human) / Caucasian	78 / male	Liver Metastasis, Metastasis of primary CRC tissue	Epithelial	Adherent, in colonies	9	300848
HROC277Met2 T0 M1 ⁹	Colorectal adenocarcinoma cell line	Homo sapiens (Human) / Caucasian				Adherent, in colonies		300840
HROC278Met T2 M2 ⁹	Colorectal adenocarcinoma cell line	Homo sapiens (Human) / Caucasian	76 / female	Peritoneal Metastasis, Established from a PDX (patient-derived xenograft) of metastasis of primary CRC tissue	Epithelial	Adherent, in colonies		300836
HROC278 T0 M1 ⁹	Colorectal adenocarcinoma cell line	Homo sapiens (Human) / Caucasian	76 / female	Colon ascendens, UICC IV, Established from a PDX (patient-derived xenograft) of primary CRC tissue (Colon ascendens, TNM stage T4N2M1, grade G3).	Epithelial	Adherent, in colonies		300835
HROC284Met ⁹	Colorectal adenocarcinoma cell line	Homo sapiens (Human) / Caucasian	67 / female	Liver Metastasis, Metastasis of Primary CRC tissue	Epithelial	Adherent, in colonies	22	300816
HROC285 T0 M2 ⁹	Colorectal adenocarcinoma cell line	Homo sapiens (Human) / Caucasian	30 / female	Colon, UICC IV, Established from a PDX (patient-derived xenograft) of primary CRC tissue (Colon ascendens, TNM stage T4N2M1, grade G2).	Epithelial	Adherent, in colonies	26	300817
HROC285Met ⁹	Colorectal adenocarcinoma cell line	Homo sapiens (human)	30 / female	Metastasis of Primary CRC tissue (Colon, TNM stage T4,N2,M1, grading G2)	Epithelial	Adherent, in colonies		
HROC296 ⁹	Colorectal adenocarcinoma cell line	Homo sapiens (Human) / Caucasian	92 / female	Colon ascendens, UICC IIa, Primary adenocarcinoma, TNM stage T3N0M0, grading G2	Epithelial	Adherent, in colonies	18	300853

Name of cell line	Cell type	Organism, Ethnicity	Age / Gender	Tissue / Disease	Morphology	Growth properties	Passage	CLS order no.
HROC309 ⁹	Colorectal adenocarcinoma cell line	Homo sapiens (Human) / Caucasian	86 / male	Colon descendens, Primary adenocarcinoma TNM stage T2N0M0, grade G2	Epithelial	Adherent, Colonies		300837
HROC313Met ⁹	Colorectal adenocarcinoma cell line	Homo sapiens (Human) / Caucasian	72 / male	Lung Metastasis, Metastasis of Primary CRC tissue	Epithelial	Adherent, in colonies	45	300849
HROC32 ⁹	Colorectal adenocarcinoma cell line	Homo sapiens (Human) / Caucasian	82 / female	Colon ascendens, UICC IV, Primary adenocarcinoma, TNM stage T4N2M1 grading G2	Epithelial	Adherent, in colonies	49	300818
HROC32 T3 M1 ⁹	Colorectal adenocarcinoma cell line	Homo sapiens (Human) / Caucasian	82 / female	Colon ascendens, UICC IV, Established from a PDX (patient-derived xenograft) primary CRC tissue (Colon ascendens, TNM stage T4N2M1grading G2)	Epithelial	Adherent, in colonies	28	300819
HROC324 ⁹	Colorectal adenocarcinoma cell line	Homo sapiens (Human) / Caucasian	55 / female	Colon coecum, UICC IIIb, Primary adenocarcinoma, TNM stage T3N2M0, grading G3	Epithelial	Adherent, in colonies		300383
HROC334 ⁹	Colorectal adenocarcinoma cell line	Homo sapiens (Human) / Caucasian	69 / female	Colon coecum, UICC IIa, Primary adenocarcinoma, TNM stage T3N0M0, grading G2	Epithelial	Adherent, in colonies	19	300850
HROC357 ⁹	Colorectal adenocarcinoma cell line	Homo sapiens (Human) / Caucasian				Adherent, in colonies		300851
HROC364 ⁹	Colorectal adenocarcinoma cell line	Homo sapiens (human)	41 / male	Right Flexur, Primary adenocarcinoma, TNM stage T3N0M0, grading G2	Epithelial	Adherent, in colonies		???
HROC374 ⁹	Colorectal adenocarcinoma cell line	Homo sapiens (Human) / Caucasian	64 / male	Colon ascendens, Primary adenocarcinoma, TNM stage T3N0M0, grading G3	Epithelial	Adherent, in colonies	6	300852
HROC39 ⁹	Colorectal adenocarcinoma cell line	Homo sapiens (Human) / Caucasian	69 / male	Colon ascendens, UICC IIb, Primary adenocarcinoma, TNM stage T4N0M0, grading G3	Epithelial	Adherent, in colonies	26	300820

Name of cell line	Cell type	Organism, Ethnicity	Age / Gender	Tissue / Disease	Morphology	Growth properties	Passage	CLS order no.
HROC39 T0 M2 ⁹	Colorectal adenocarcinoma cell line	Homo sapiens (Human) / Caucasian	69 / male	Colon ascendens, UICC IIb, Established from a PDX (patient-derived xenograft) of primary CRC tissue (Colon ascendens, TNM stage T4N0M0, grade G3).	Epithelial	Adherent, in colonies	26	300821
HROC40 ^{9, 21, 22,}	Colorectal adenocarcinoma cell line	Homo sapiens (Human) / Caucasian	69 / male	Colon descendens, UICC IIIa, Primary adenocarcinoma, TNM stage T3N1M0, grading G3	Epithelial	Adherent, in colonies	28	300822
HROC43 ⁹	Colorectal adenocarcinoma cell line	Homo sapiens (Human) / Caucasian	72 / male	Colon ascendens; UICC IIIb, Primary adenocarcinoma, TNM stage T3N2M0, grading G3	Epithelial	Adherent, in colonies	29	300823
HROC46 T0 M1 ⁹	Colorectal adenocarcinoma cell line	Homo sapiens (Human) / Caucasian	66 / male	Colon ascendens, UICC IV, Established from a PDX (patient-derived xenograft) of primary CRC tissue (Colon ascendens, TNM stage T3N0M1, grading G3)	Epithelial	Adherent, in colonies	30	300824
HROC50 T1 M5 ⁹	Colorectal adenocarcinoma cell line	Homo sapiens (Human) / Caucasian	67 / female	Colon ascendens, UICC IIb, Established from a PDX (patient-derived xenograft) of primary CRC tissue (Colon ascendens, TNM stage T4N0M0, grading G2)	Epithelial	Adherent, in colonies		300839
HROC57 ⁹	Colorectal adenocarcinoma cell line	Homo sapiens (Human) / Caucasian	43 / male	Colon ascendens, UICC IV, Primary adenocarcinoma, TNM stage T3N2M1, grading G3	Epithelial	Adherent, in colonies	25	300825

Name of cell line	Cell type	Organism, Ethnicity	Age / Gender	Tissue / Disease	Morphology	Growth properties	Passage	CLS order no.
HROC59 T1 M1 ⁹	Colorectal adenocarcinoma cell line	Homo sapiens (Human) / Caucasian	76 / male	Colon ascendens, UICC IV, Established from a PDX (patient-derived xenograft) of primary CRC tissue (Colon ascendens, TNM stage T3N1M1, grading G2).	Epithelial	Adherent, in colonies	36	300826
HROC60 ⁹	Colorectal adenocarcinoma cell line	Homo sapiens (Human) / Caucasian	71 / male	Colon ascendens, UICC I, Primary adenocarcinoma, TNM stage T2N0M0, grading G2	Epithelial	Adherent, in colonies	44	300827
HROC69 ⁹	Colorectal adenocarcinoma cell line	Homo sapiens (Human) / Caucasian	62 / male	Colon ascendens, UICC IIIa, Primary adenocarcinoma, TNM stage T3N0M1, grading G3	Epithelial	Adherent, in colonies	25	300828
HROC69 T0 M2 ⁹	Colorectal adenocarcinoma cell line	Homo sapiens (Human) / Caucasian	62 / male	Colon ascendens, UICC IIIa, Established from a PDX (patient-derived xenograft) of primary CRC tissue (Colon ascendens, TNM stage T3N0M1, grade G3).	Epithelial	Adherent, in colonies	25	300829
HROC80 T1 M1 ⁹	Colorectal adenocarcinoma cell line	Homo sapiens (Human) / Caucasian	72 / male	Colon ascendens, UICC IIIa, Established from a PDX (patient-derived xenograft) of primary CRC tissue (Colon ascendens, TNM stage T3N2M1, grade G2).	Epithelial	Adherent, in colonies	26	300830

Name of cell line	Cell type	Organism, Ethnicity	Age / Gender	Tissue / Disease	Morphology	Growth properties	Passage	CLS order no.
HROC87 T0 M2 ¹⁰	Colorectal adenocarcinoma cell line	Homo sapiens (Human) / Caucasian	76 / female	Colon ascendens, UICC IIa, Established from a PDX (patient-derived xenograft) of primary CRC tissue (Colon ascendens, TNM stage T3N0M0, grade G3).	Epithelial	Adherent, in colonies	26	300831
HT-29 ¹¹	Colon carcinoma cell line	Homo sapiens (Human) / Caucasian	44 / female	Colon, Adenocarcinoma, colorectal	Epithelial	Monolayer, adherent	43	300215
HuTu-80 ¹²	Colon carcinoma cell line	Homo sapiens (Human) / Caucasian	53 / male	Duodenum, Adenocarcinoma	Epithelial	Monolayer, adherent	37	300218
LoVo ¹³	Colon carcinoma cell line	Homo sapiens (Human) / Caucasian	56 / male	Colon, grade IV, Dukes' type C, Colorectal adenocarcinoma	Epithelial	Monolayer, adherent	18	300266
LS-174T ¹⁴	Colon carcinoma cell line	Homo sapiens (Human) / Caucasian	58 / female	Colon; Duke's type B, Colorectal adenocarcinoma	Epithelial	Adherent	40	300392
LS-513 ¹⁵	Colon carcinoma cell line	Homo sapiens (Human) / Caucasian	63 / male	Colorectal carcinoma, cecum, Dukes' type C	Epithelial	Monolayer, adherent	37	300457
SW-1116 ¹⁶	Colon carcinoma cell line	Homo sapiens (Human) / Caucasian	73 / male	Colon, Colon carcinoma, grade III; Dukes' type A	Epithelial	Monolayer, adherent	39	300348
SW-403 ¹⁶	Colon carcinoma cell line	Homo sapiens (Human) / Caucasian	51 / female	Colon, colorectal adenocarcinoma, grade III, Dukes' type C.	Epithelial	Adherent	31	300350
SW-480 ¹⁷	Colon carcinoma cell line	Homo sapiens (Human) / Caucasian	51 / male	Colon, Colorectal Adenocarcinoma; Grade IV; Dukes' type B.	Epithelial	Monolayer, adherent	39	300302
SW-620 ¹⁷	Colon carcinoma cell line	Homo sapiens (Human) / Caucasian	51 / male	Colon, Colorectal adenocarcinoma, Duke's type C	Epithelial	Adherent	24	300466
SW-948 ¹⁶	Colon carcinoma cell line	Homo sapiens (Human) / Caucasian	81 / female	Colon; colorectal Adenocarcinoma, grade III, Dukes' type C	Epithelial	Monolayer, adherent	19	300347
T84 ¹⁸	Colon carcinoma cell line	Homo sapiens (Human) / Caucasian	72 / male	Colon (from metastatic site: lung), colorectal carcinoma	Epithelial	monolayer, adherent	42	300354
WiDr ¹⁹	Colon carcinoma cell line	Homo sapiens (Human) / Caucasian	78 / female	Colon, Colorectal Adenocarcinoma	Epithelial	Monolayer, adherent	39	300377

Information on cell culture conditions, authentication data and others can be found on the website: www.clsgmbh.de

Table 2: Human Colon cancer cell lines: Special Features

Name of cell line	Cell type	Cell Marker	Tumor antigens	Mutations	Secretion of Products	Ref ID in Cellosaurus ¹⁹	CLS order no.
Caco-2 ¹	Colon carcinoma cell line	HLA class II neg, Me-2, 1; PGM3, 1; PGM1, 1; ES-D, 1; AK-1, 1; GLO-1, 1; G6PD, B.		K-Ras ^{wt}	Heat stable enterotoxin (Sta, E. coli); epidermal growth factor (EGF); retinoic acid binding protein I and retinol binding protein II; keratin positive.	RRID:CVLL_0131	300137
Colo-205 ²	Colon carcinoma cell line	G6PD, B; PGM1, 1-2; PGM3, 1-2; 6PGD, A; ES-D, 1-2, PEP-D, 1		K-Ras ^{wt}	G6PD, B; PGM1, 1-2; PGM3, 1-2; 6PGD, A; ES-D, 1-2, PEP-D, 1 carcinoembryonic antigen (CEA) 1.5 to 4.1 ng/10 ⁶ cells/10 days; keratin; interleukin 10 (IL-10, interleukin-10)	RRID:CVCL_1118	300380
Colo-320 DM ³	Colon carcinoma cell line	PGM1, 1; PGM3, 2; G6PD, B; PEP-D, 1; 6PGD, A; ES-D, 1		K-Ras ^{wt}	serotonin; norepinephrine; epinephrine; adrenocorticotrophic hormone (ACTH); parathyroid hormone	RRID:CVCL_1232	300153
Colo-60H ⁴	Colon carcinoma cell line	HLA-0201 positive		K-Ras ^{wt}		RRID:CVCL_1239	300456
Colo-94H ⁵	Colon carcinoma cell line	Cytokeratine 8, 18, 19		COLO-94H cells carry a mutation in codon 12 of Kras gene: GGT(Wt Gly) >GAT(Asp)		RRID:CVCL_4220	300161
CX-1 ⁶	Colon carcinoma cell line	Cytokeratine 8, 18, 19		p53 pos, CEA pos, K-Ras ^{wt}		RRID:CVCL_4U38	300159
HCT-8 (HRT-18) ⁶	Colon carcinoma cell line	CDx (+/-), CDy (-), AK-1, 1; ES-D, 1-2; GLO-1, 2; G6PD, B; PGM1, 1; PGM3, 1; Me-2, 1		HRT-18 cells carry a mutation in codon 13 of Kras gene: GGC(Wt Gly) >GAC(Asp)	carcinoembryonic antigen (CEA) 0.5 ng/10 exp6 cells/10 days; alkaline phosphatase; keratin	RRID:CVCL_4U39	300210

Name of cell line	Cell type	Cell Marker	Tumor antigens	Mutations	Secretion of Products	Ref ID in Cellosaurus ¹⁹	CLS order no.
HHC6548 T1 M1 ⁶	Colorectal adenocarcinoma cell line			K-Ras ^{G13D} , N-Ras ^{wt} , H-Ras ^{wt} , B-Raf ^{wt} , PIK3CA ^{wt}	PTEN ⁻	RRID:CVCL_4U40	300832
HROBMC01 ⁶	Colorectal adenocarcinoma cell line			p53 ^{mut} , APC ^{mut} , K-Ras ^{G12VA} , N-Ras ^{wt} , H-Ras ^{wt} , PIK3CA ^{wt} , B-Raf ^{wt}	PTEN ⁻	RRID:CVCL_4U41	300800
HROC103 T0 M1 ¹³	Colorectal adenocarcinoma cell line			p53 ^{wt} , APC ^{mut} , K-Ras ^{wt} , N-Ras ^{wt} , B-Raf ^{wt} , PIK3CA ^{wt}		RRID:CVCL_4U42	300802
HROC107 ¹⁴	Colorectal adenocarcinoma cell line	CDx (+/-), Cdy (-)		p53 ^{mut} , K-Ras ^{mut} , B-RAF ^{wt} , N-Ras ^{wt} , H-Ras ^{wt} , PIK3CA ^{mut}	PTEN	RRID:CVCL_4U43	300845
HROC112Met T0 M2 ¹⁵	Colorectal adenocarcinoma cell line	CDx (+/-), Cdy (-),		K-Ras ^{wt} , N-Ras ^{wt} , H-Ras ^{wt} , B-Raf ^{wt} , PIK3CA ^{wt}	PTEN	RRID:CVCL_4U44	300846
HROC113 ¹⁶	Colorectal adenocarcinoma cell line			p53 ^{wt} , K-Ras ^{mut} , B-RAF ^{wt} , N-Ras ^{wt} , H-Ras ^{wt} , PIK3CA ^{wt}	PTEN	RRID:CVCL_S852	300803
HROC126 ¹⁷	Colorectal adenocarcinoma cell line			K-Ras ^{wt} , B-RAF ^{wt}		RRID:CVCL_4U45	300804
HROC131 T0 M3 ¹⁷	Colorectal adenocarcinoma cell line			K-Ras ^{wt} , B-RAF ^{mut} , N-Ras ^{wt} , H-Ras ^{wt} , PIK3CA ^{wt}	PTEN	RRID:CVCL_4U49	300805
HROC147Met ¹⁷	Colorectal adenocarcinoma cell line			APC ^{mut} , p53 ^{wt} , K-Ras ^{mut} , B-RAF ^{wt} , N-Ras ^{wt} , H-Ras ^{wt} , PIK3CA ^{wt}		RRID:CVCL_0844	300806
HROC173 ¹⁷	Colorectal adenocarcinoma cell line			K-Ras ^{wt} , B-RAF ^{wt} , N-Ras ^{wt} , H-Ras ^{wt} , PIK3CA ^{mut}	PTEN	RRID:CVCL_0346	300807
HROC18 ^{17, 20,21,22,23,24,25}	Colorectal adenocarcinoma cell line	CD15 ⁺ , CD24 ⁺ , CD44 ⁺ , CD55 ⁺ , CD58 ⁺ , CD50 ⁺ , CD 54 ⁺ , CD66acde ⁺ , CD71 ⁺ , CD102 ⁺ , CD326 ⁺ , CD80 ⁻ , CD86 ⁻ , EpCAM ⁺ , HLA-A2 ⁺ , MHC I ⁺ , MHC II ⁺ (IFN γ pretreated), Her2/neu ⁺ , EGFR ⁺	CA19-g ^{high} , CEA ^{low} , IL-8, IL-10 ⁻	APC ^{mut} , p53 ^{mut} , K-Ras ^{wt} , N-Ras ^{wt} , H-Ras ^{wt} , B-RAF ^{wt} , PIK3CA ^{mut}	CIN ^{pos} β -actin, osteopontin, PTEN, High level Phophatidylserin (PS) expression	RRID:CVCL_2092	300808

Name of cell line	Cell type	Cell Marker	Tumor antigens	Mutations	Secretion of Products	Ref ID in Cellosaurus ¹⁹	CLS order no.
HROC183	Colorectal adenocarcinoma cell line	CD326 ⁺ , CD44 ⁺ , CD15 ⁺ , CD71 ⁺ , CD73 ^{low} , CD274 ⁺ , CD47 ⁺ , CD54 ⁺ , CD95 ⁺ , CD276 ⁺ , CD133 ^{low} , CD66acde ^{weak} , IDO ⁺ , cFLIP ⁺ , MHC-I ⁺ , MHCII ^{weak} after IFN- γ treatment, EpCAM ⁺	CA19-9 ⁻ , CEA ^{high} , IL-8, IL-10 ⁻ , IL-6 ⁻ , TGF- β ⁻ , TGF- α ⁻ , MLH1 ⁻ , CDKN2A ⁺ , NEUROG1 ⁺ , CRABP1 ⁺ , CACNA1G ⁺ , MGMT ⁻ , IGF2 ⁺ , SOCS2 ⁻ , RUNX3 ⁺	APC ^{R1450*} , p53 ^{R280W} , K-Ras ^{G12d} , N-Ras ^{wt} , H-Ras ^{wt} , PIK3CA ^{wt} , B-Raf ^{wt}	PTEN	RRID:CVCL_X910	300809
HROC183 T0 M2	Colorectal adenocarcinoma cell line	CD326 ⁺ , CD44 ⁺ , CD15 ⁺ , CD71 ⁺ , CD73 ^{low} , CD274 ⁺ , CD47 ⁺ , CD54 ⁺ , CD95 ⁺ , CD276 ⁺ , CD133 ^{low} , CD66acde ^{weak} , IDO ⁺ , cFLIP ⁺ , MHC-I ⁺ , MHCII ^{weak} after IFN- γ treatment, EpCAM ⁺	CA19-9 ⁻ , CEA ^{high} , IL-8, IL-10 ⁻ , IL-6 ⁻ , TGF- β ⁻ , TGF- α ⁻ , MLH1 ⁻ , CDKN2A ⁺ , NEUROG1 ⁺ , CRABP1 ⁺ , CACNA1G ⁺ , MGMT ⁻ , IGF2 ⁺ , SOCS2 ⁻ , RUNX3 ⁺	APC ^{R1450*} , p53 ^{R280W} , K-Ras ^{G12d} , N-Ras ^{wt} , H-Ras ^{wt} , PIK3CA ^{wt} , B-Raf ^{wt}	PTEN	RRID:CVCL_X913	300810
HROC212	Colorectal adenocarcinoma cell line			K-Ras ^{wt} , N-Ras ^{wt} , H-Ras ^{wt} , PIK3CA ^{wt} , B-Raf ^{mut}	PTEN	RRID:CVCL_X914	300811
HROC24 ^{20,21,22,23,24,25}	Colorectal adenocarcinoma cell line	CD15 ⁺ , CD44 ⁺ , CD58 ⁺ , CEACAM ⁺ CD71 ⁺ , EpCAM ⁺ , MHC II ⁺ (after interferon treatment); Her2/neu ⁺ , EGFR ⁺		APC ^{mut} , p53 ^{wt} , K-Ras ^{wt} , N-Ras ^{wt} , H-Ras ^{wt} , B-RAF ^{V600E} , PIK3CA ^{wt}	High level phosphatidylserin (PS) expression, β -actin, osteopontin, PTEN	RRID:CVCL_X915	300812
HROC24 T1 M1 ^{10, 25,26}	Colorectal adenocarcinoma cell line	CD15 ⁺ , CD44 ⁺ , CD58 ⁺ , CEACAM ⁺ CD71 ⁺ , EpCAM ⁺ , MHC II ⁺ (after interferon treatment); Her2/neu ⁺ , EGFR ⁺		APC ^{mut} , p53 ^{wt} , K-Ras ^{wt} , N-Ras ^{wt} , H-Ras ^{wt} , B-RAF ^{V600E} , PIK3CA ^{wt}		RRID:CVCL_0019	300813
HROC257	Colorectal adenocarcinoma cell line			K-Ras ^{wt} , N-Ras ^{wt} , H-Ras ^{wt} , PIK3CA ^{wt} , B-Raf ^{mut}	PTEN	RRID:CVCL_4569	300814
HROC257 T0 M1	Colorectal adenocarcinoma cell line			K-Ras ^{wt} , N-Ras ^{wt} , H-Ras ^{wt} , PIK3CA ^{wt} , B-Raf ^{mut}	PTEN	RRID:CVCL_0530	300815

Name of cell line	Cell type	Cell Marker	Tumor antigens	Mutations	Secretion of Products	Ref ID in Cellosaurus ¹⁹	CLS order no.
HROC277 T0 M1	Colorectal adenocarcinoma cell line			k-Ras ^{G12A} , N-Ras ^{wt} , H-Ras ^{wt} , PIK3CA ^{wt} , B-Raf ^{wt}	PTEN	RRID:CVCL_0633	300834
HROC277Met2	Colorectal adenocarcinoma cell line			K-Ras ^{mut} , N-Ras ^{wt} , H-Ras ^{wt} , PIK3CA ^{wt} , B-Raf ^{wt}	PTEN	RRID:CVCL_0020	300848
HROC277Met2 T0 M1	Colorectal adenocarcinoma cell line					RRID:CVCL_S471	300840
HROC278Met T2 M2	Colorectal adenocarcinoma cell line			B-RAF ^{V600E} APC ^{wt} , p53 ^{wt} , K-Ras ^{wt} , N-Ras ^{wt} , H-Ras ^{wt} , PIK3CA ^{wt}	PTEN	RRID:CVCL_0022	300836
HROC278 T0 M1	Colorectal adenocarcinoma cell line			B-RAF ^{V600E} APC ^{wt} , p53 ^{wt} , K-Ras ^{wt} , N-Ras ^{wt} , H-Ras ^{wt} , PIK3CA ^{wt}	PTEN	RRID:CVCL_0021	300835
HROC284Met	Colorectal adenocarcinoma cell line			K-Ras ^{mut} , N-Ras ^{wt} , H-Ras ^{wt} , PIK3CA ^{wt} , B-Raf ^{wt}	PTEN	RRID:CVCL_1U91	300816
HROC285 T0 M2	Colorectal adenocarcinoma cell line			K-Ras ^{mut} , N-Ras ^{wt} , H-Ras ^{wt} , PIK3CA ^{mut} , B-Raf ^{wt}	PTEN	RRID:CVCL_1U92	300817
HROC285Met	Colorectal adenocarcinoma cell line						
HROC296	Colorectal adenocarcinoma cell line	CD326+				RRID:CVCL_1V02	300853
HROC309	Colorectal adenocarcinoma cell line					RRID:CVCL_1U95	300837
HROC313Met	Colorectal adenocarcinoma cell line			K-Ras ^{mut} , N-Ras ^{wt} , H-Ras ^{wt} , PIK3CA ^{wt} , B-Raf ^{wt}	PTEN	RRID:CVCL_1U98	300849

Name of cell line	Cell type	Cell Marker	Tumor antigens	Mutations	Secretion of Products	Ref ID in Cellosaurus ¹⁹	CLS order no.
HROC32 ^{20,21,25}	Colorectal adenocarcinoma cell line	CD15 ⁺ , CD24 ⁺ , CD44 ⁺ , CD55 ⁺ , CD58 ⁺ , CD50 ⁺ , CD 54 ⁺ , CD66acde ⁺ , CD71 ⁺ , CD102 ⁺ , CD326 ⁺ , CD80 ⁻ , CD86 ⁻ , EpCAM ⁺ , HLA-A2 ⁺ , MHC I ⁺ , MHC II ⁺ (IFN- γ pretreated); Her2/neu ⁺ ,	CA19-g ^{low} , CEA ^{high} , IL-8, IL-10 ⁻	APC ^{wt} , p53 ^{R282W} , K-Ras ^{G12A} , N-Ras ^{wt} , H-Ras ^{wt} SNP rs12628 at codon 27, PIK3CA st , B-Raf ^{wt}	CIN ^{pos} , PTEN	RRID:CVCL_1D06	300818
HROC32 T3 M1 ^{20,21,25}	Colorectal adenocarcinoma cell line	CD15 ⁺ , CD24 ⁺ , CD44 ⁺ , CD55 ⁺ , CD58 ⁺ , CD50 ⁺ , CD 54 ⁺ , CD66acde ⁺ , CD71 ⁺ , CD102 ⁺ , CD326 ⁺ , CD80 ⁻ , CD86 ⁻ , EpCAM ⁺ , HLA-A2 ⁺ , MHC I ⁺ , MHC II ⁺ (IFN- γ pretreated); Her2/neu ⁺ ,	CA19-g ^{low} , CEA ^{high} , IL-8, IL-10 ⁻	APC ^{wt} , p53 ^{R282W} , K-Ras ^{G12A} , N-Ras ^{wt} , H-Ras ^{wt} SNP rs12628 at codon 27, PIK3CA st , B-Raf ^{wt}	PTEN	RRID:CVCL_1D07	300819
HROC324 ⁹	Colorectal adenocarcinoma cell line			k-Ras ^{A59T} , N-Ras ^{wt} , H-Ras ^{wt} , PIK3CA ^{wt} , B-Raf ^{wt}	PTEN	RRID:CVCL_1V00	300383
HROC334 ⁹	Colorectal adenocarcinoma cell line			K-Ras ^{wt} , N-Ras ^{wt} , H-Ras ^{wt} , PIK3CA ^{wt} , B-Raf ^{wt}	PTEN	RRID:CVCL_1D18	300850
HROC357 ⁹	Colorectal adenocarcinoma cell line					RRID:CVCL_AP61	300851
HROC364 ⁹	Colorectal adenocarcinoma cell line					RRID:CVCL_AP62	300855
HROC374 ⁹	Colorectal adenocarcinoma cell line						300852

Name of cell line	Cell type	Cell Marker	Tumor antigens	Mutations	Secretion of Products	Ref ID in Cellosaurus ¹⁹	CLS order no.
HROC39 ^{21,23, 25, 27}	Colorectal adenocarcinoma cell line	Her2/neu ⁺ , EGFR ⁺		APC ^{mut} , K-Ras ^{A146T} , N-Ras ^{wt} , H-Ras ^{wt} , SNP rs12628 at codon 27, B-Raf ^{wt} , p53 ^{wt} , PIK3CA ^{wt}	PTEN	RRID:CVCL_1U81	300820
HROC39 T0 M2 ^{21,23, 25, 27}	Colorectal adenocarcinoma cell line	Her2/neu ⁺ , EGFR ⁺		APC ^{mut} , K-Ras ^{A146T} , N-Ras ^{wt} , H-Ras ^{wt} , SNP rs12628 at codon 27, B-Raf ^{wt} , p53 ^{wt} , PIK3CA ^{wt}	PTEN	RRID:CVCL_1U82	300821
HROC40 ^{9, 21, 22}	Colorectal adenocarcinoma cell line	CD326 ⁺ , CD44 ⁺ , CD15 ⁺ , CD71 ⁺ , CD73 ⁺ , CD274 ⁺ , CD47 ⁺ , CD54 ⁺ , CD95 ⁺ , CD276 ⁺ , CD133 ⁻ , CD66acde ^{weak} , IDO ⁺ , cFLIP ⁺ , MHC-I ⁺ , MHCII ^{weak} after IFN- γ treatment, EpCAM ⁺	MLH1 ⁻ , CDKN2A ⁺ , NEUROG1 ⁺ , CRABP1 ⁺ , CACNA1G ⁻ , MGMT ⁻ , IGF2 ⁻ , SOCS2 ⁻ , RUNX3 ⁻ , CA19-9 ^{high} , CEA ^{high} , IL-8, IL-10 ⁻ , IL-6 ⁻ , TGF- β ⁻ , TGF- α ⁻	p53 ^{G266e} , APC ^{wt} , K-Ras ^{G13D} , N-Ras ^{wt} , H-Ras ^{wt} , PIK3CA ^{wt} , B-Raf ^{wt}	β -actin, osteopontin ^{low} , Toll-like receptor (TLR) ₃ ^{moderate} , TLR4 ^{moderate} , TLR7 ^{low} , TLR8 ⁻ , PTEN, Intermediate level phosphatidylserin (PS) expression	RRID:CVCL_1G01	300822
HROC43 ^{21, 27,28}	Colorectal adenocarcinoma cell line	CD326 ⁺ , CD44 ⁺ , CD15 ⁺ , CD71 ⁺ , CD73 ⁺ , CD274 ⁺ , CD47 ⁺ , CD54 ⁺ , CD95 ⁺ , CD276 ⁺ , CD133 ⁻ , CD66acde ^{weak} , IDO ⁺ , cFLIP ⁺ , MHC-I ⁺ , MHCII ^{weak} after IFN- γ treatment, EpCAM ⁺	MLH1 ⁻ , CDKN2A ⁺ , NEUROG1 ⁺ , CRABP1 ⁺ , CACNA1G ⁻ , MGMT ⁻ , IGF2 ⁻ , SOCS2 ⁻ , RUNX3 ⁺ , CA19-9 ^{high} , CEA ^{high} , IL-8, IL-10 ⁻ , IL-6 ⁻ , TGF- β ⁻ , TGF- α ⁻	APC ^{Q1429*} , p53 ^{S241fs*5} , K-Ras ^{mut} , N-Ras ^{wt} , H-Ras ^{wt} , PIK3CA ^{wt} , B-Raf ^{wt}	PTEN	RRID:CVCL_1D20	300823
HROC46 T0 M1 ^{25,27}	Colorectal adenocarcinoma cell line	CD274 ⁺ , CD197 ⁺ , EpCAM ⁺ , CD40 ⁺ , CD253 ⁺ , CD56 ⁺ , CD44 ⁺ , CD66acde ⁺ , CD50 ⁻ , CD58 ⁻ , CD178 ⁻ , CD86 ⁻		APC ^{mut} , K-Ras ^{G12V} , N-Ras ^{wt} , H-Ras ^{wt} , p53 ^{wt} , PIK3CA ^{wt} , B-Raf ^{wt}	PTEN	RRID:CVCL_1D21	300824
HROC50 T1 M5 ⁹	Colorectal adenocarcinoma cell line			APC ^{wt} , K-Ras ^{wt} , p53 ^{mut} , B-Raf ^{mut}		RRID:CVCL_1G02	300839

Name of cell line	Cell type	Cell Marker	Tumor antigens	Mutations	Secretion of Products	Ref ID in Cellosaurus ¹⁹	CLS order no.
HROC57 ²⁷	Colorectal adenocarcinoma cell line			B-RAF ^{V600E} , K-Ras ^{wt} , N-Ras ^{wt} , H-Ras ^{wt} , PIK3CA ^{wt}	PTEN	RRID:CVCL_1G03	300825
HROC59 T1 M1 ²⁷	Colorectal adenocarcinoma cell line	CD326 ⁺ , MHC-I ⁺		K-Ras ^{K117N} (rare mutation), p53 ^{wt} , APC ^{wt} , N-Ras ^{wt} , H-Ras ^{wt} , PIK3CA ^{wt} , B-Raf ^{wt}	PTEN ⁻	RRID:CVCL_1G04	300826
HROC60 ^{21,23, 25, 27}	Colorectal adenocarcinoma cell line	Her2/neu ⁺ , EGFR ⁺ , CD326 ⁺ , CD44 ⁺ , CD54 ⁺ , CD47 ⁺ , CD71 ⁺ , CD15 ⁻ , CD73 ⁺ , CD95 ⁺ , CD274 ⁺ , CD133 ^{low} , CD276 ⁺ , IDO ^{weak} , MHC-I ⁺ , CD133 ^{weak} , CD66acde ^{weak} , EpCAM ⁺ , MHCII ⁺ after IFN- γ treatment, cFLIP ^{weak}	β -actin, osteopontin, Toll-like receptor (TLR) 3 ^{moderate} , TLR4 ^{moderate} , TLR7 ^{low} , TLR8 ⁻ , CA19-9 ⁻ , CEA ^{high} , IL-8, IL-10 ⁻ , IL-6 ⁻ , TGF- β ⁻ , TGF- α ⁻	APC ^{Q1477*} , p53 ^{R273H} , K-Ras ^{A59G} , B-RAF ^{wt} , N-Ras ^{wt} , H-Ras ^{wt} , PIK3CA ^{wt}	PTEN, Low level phosphatidylserin (PS) expression	RRID:CVCL_1G05	300827
HROC69 ^{21,23, 25, 27}	Colorectal adenocarcinoma cell line			APC ^{R1450*} , p53 ^{R306*} , K-Ras ^{wt} , B-RAF ^{wt} , N-Ras ^{wt} , H-Ras ^{wt} , SNP rs12628 codon 27, PIK3CA ^{wt}	β -actin, osteopontin ⁻ , Toll-like receptor (TLR) 3 ⁻ , TLR4 ^{moderate} , TLR7 ^{low} , TLR8 ⁻ , PTEN, High level phosphatidylserin (PS) expression	RRID:CVCL_1G06	300828
HROC69 T0 M2 ^{21,23, 25, 27}	Colorectal adenocarcinoma cell line			APC ^{R1450*} , p53 ^{R306*} , K-Ras ^{wt} , B-RAF ^{wt} , N-Ras ^{wt} , H-Ras ^{wt} , SNP rs12628 codon 27, PIK3CA ^{wt}	β -actin, osteopontin ⁻ , Toll-like receptor (TLR) 3 ⁻ , TLR4 ^{moderate} , TLR7 ^{low} , TLR8 ⁻ , PTEN, High level phosphatidylserin (PS) expression	RRID:CVCL_1G07	300829
HROC80 T1 M1 ^{25,27}	Colorectal adenocarcinoma cell line			APC ^{wt} , K-Ras ^{G12V} , p53 ^{R306} , B-RAF ^{wt} , N-Ras ^{wt} , H-Ras ^{wt} , PIK3CA ^{wt}	PTEN	RRID:CVCL_1G08	300830

Name of cell line	Cell type	Cell Marker	Tumor antigens	Mutations	Secretion of Products	Ref ID in Cellosaurus ¹⁹	CLS order no.
HROC87 T0 M2 ^{22,25,26}	Colorectal adenocarcinoma cell line	CD15 ⁺ , CD44 ⁺ , CD55 ⁺ , CD58 ⁺ , CEACAM ⁺ , CD71 ⁺ , CD80 ⁺ , EpCAM ⁺ , MHC II ⁺ IFN- γ		p53 ^{mut} , B-RAF ^{V600E} , APC ^{wt} , K-Ras ^{wt} , N-Ras ^{wt} , H-Ras ^{wt} , PIK3CA ^{wt}	PTEN	RRID:CVCL_S854	300215
HT-29 ⁶	Colon carcinoma cell line	Blood Type A; Rh+; HLA A1, A3, B12, B17, Cw5, CD4 ⁻ ; cell surface expression of galactose ceramide (a possible alternative receptor for HIV).	myc+; ras+; myb+; fos+; sis+; p53+; abl ⁻ ; ros ⁻ ; src ⁻ ,	CEA neg, p53 pos, K-Ras ^{wt}	Me-2, 1; PGM3, 1-2; PGM1, 1-2; ES-D, 1; AK-1, 1; GLO-1, 1-2; G6PD, B; Phenotype Frequency Product: 0.0230, urokinase receptor(u-PAR); vitamin D (moderate expression); no detectable plasminogen activator activity.	RRID:CVCL_0320	300218
HuTu-80 ⁶	Colon carcinoma cell line	Blood Type B; Rh+ bombesin		K-Ras ^{wt}	PGM3, 1-2; PGM1, 1-2; ES-D, 1; Me-2, 2; AK-1, 1; GLO-1, 2; G6PD, B; Phenotype Frequency Product: 0.0017	RRID:CVCL_1301	300266
LoVo ⁶	Colon carcinoma cell line	HLA A11, B15, B17, Cw1, Cw3; blood type B	myc +; myb +; ras +; fos +; p53 +; sis -; abl -; ros -; src -	LOVO cells carry a mutation in codon 13 of Kras gene: GGC(Wt Gly) >GAC(Asp),	G6PD, B; PGM1, 2; PGM3, 1-2; 6PGD, A; ES-D, 1, carcinoembryonic antigen (CEA) 908 ng/10 ⁶ cells/10 days	RRID:CVCL_0399	300392
LS-174T ⁶	Colon carcinoma cell line		myc +; myb +; ras +; fos +; p53 +; sis -; abl -; ros -; src -	LS-174T cells carry a mutation in codon 12 of Kras gene: GGT(Wt Gly) >GAT(Asp),	ADA, 1; G6PD, B; PGM1, 1; PGM3, 2; PGD, A; ES-D, 1; PEP-D, 1	RRID:CVCL_1384	300457
LS-513 ⁶	Colon carcinoma cell line	Carcinoembryonic antigen (CEA); ICAM-1; HLA class I positive	CEA+ (50%), p53+	p53 wt	Transforming growth factor beta 1 (TGF beta-1, 83 pg per 10 exp6 cells per 24 hours)	RRID:CVCL_1386	300348

Name of cell line	Cell type	Cell Marker	Tumor antigens	Mutations	Secretion of Products	Ref ID in Cellosaurus ¹⁹	CLS order no.
SW-1116 ⁶	Colon carcinoma cell line		CEA +, myc +; myb +; ras +; fos +; sis +; p53 +; abl -; ros -; src -	mutation in codon 12 of Kras gene: GGT(Wt Gly) >GCT(Ala)	Blood type O; Rh+ G6PD, B; PGM1, 1; PGM3, 1-2; 6PGD, A; ES-D, 1; PEP-D, 1 carcinoembryonic antigen (CEA) 2654 ng/10 ⁶ cells/10 days; keratin	RRID:CVCL_0544	300350
SW-403 ⁷	Colon carcinoma cell line	Colon antigen 3, positive. The cells are positive for keratin by immunoperoxidase staining. CSAp negative (CSAp-).		heterocytot mutation in codon 12 of Kras gene: GGT(Wt Gly) >GTT(Val)	blood type O, G6PD, B; PGM1, 1; PGM3, 1-2; 6PGD, A; ES-D, 1; PEP-D, 1 carcinoembryonic antigen (CEA) 155 ng/10 exp6 cells/10 days; keratin	RRID:CVCL_0545	300302
SW-480 ⁸	Colon carcinoma cell line	HLA A2, B8, B17; blood type A; Rh+. The line is negative for CSAp (CSAp-) and colon antigen 3.	myc +; myb +; ras +; fos +; sis +; p53 +; abl -; ros -; src -; N-myc -.	homozygous Kras mutation in codon 12: GGT(Wt Gly) >GTT(Val). There is a G->A mutation in codon 273 of the p53 gene resulting in an Arg->His substitution and a C->T mutation in codon 309 resulting in a Pro->Ser substitution	Epidermal growth factor (EGF); keratin (immunoperoxidase staining). Matrilysin, a metalloproteinase associated with tumor invasiveness, is not expressed. G6PD, B; PGM1, 2; PGM3, 1; 6PGD, A; PEP-D, 1; ES-D, 1 Carcinoembryonic antigen (CEA) 0.7 ng/10 ⁶ cells/10 days; keratin; transforming growth factor beta	RRID:CVCL_0546	300466
SW-620 ⁹	Colon carcinoma cell line					RRID:CVCL_0547	300347

Name of cell line	Cell type	Cell Marker	Tumor antigens	Mutations	Secretion of Products	Ref ID in Cellosaurus ¹⁹	CLS order no.
SW-948 ¹⁰	Colon carcinoma cell line		The line is positive for expression of c-myc, K-ras, H-ras, N-ras, myb and fos oncogenes. N-myc and sis expression were not detected.	heterozygous Kras mutation in codon 61: CAA(Wt Gln) >CTA(Leu)	blood type O; Rh+ G6PD, B; PGM1, 1-2; PGM3, 1-2; 6PGD, A; PEP-D, 1; ES-D, 1 Carcinoembryonic antigen (CEA) 7 ng/10 ⁶ cells/10 days; colon specific antigen (CSAp) 750 units in 0.5 ml cell sonicate; keratin	RRID:CVCL_0632	300354
T84 ¹¹	Colon carcinoma cell line			heterozygous Kras mutation in codon13: GGC(Wt Gly) >GAC(Asp)	G6PD, B; PGM1, 1; PGM3, 1; ES-D, 1; Me-2, 1-2; AK-1, 1; GLO-1, 1-2 Peptide hormone; neurotransmitter Carcinoembryonic antigen (CEA), 600 ng/ml per 10 exp6 cells per 10 days; keratin	RRID:CVCL_0555	300377
WiDr ¹²	Colon carcinoma cell line	HLA A24, A32, B15, B18	CEA positive	K-Ras ^{wt}	PGM1, 1-2; PGM3, 1-2; G6PD, B; ES-D, 1; PEP-D, 1; 6PGD, A epidermal growth factor (EGF) carcinoembryonic antigen (CEA) 118 ng/10 ⁶ cells/10 days; Colon Specific Antigen (CSAp); transforming growth factor beta; keratin	RRID:CVCL_2760	300215

Information on cell culture conditions, authentication data and others can be found on the website: www.clsgmbh.de

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Definitions:

HROCxx: Cell line established from the primary tumor

HROCxxMet: Cell line established from a metastasis of the site of the primary tumor

HROCxx Tx My: Cell line established from the PDX (transplant in Mice)

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