

附件十三 細胞株基本資料彙整表

BCRC No.	Name	Other Collection No.	Source	Biosafety	Application
n/a	HT-29	Derived from ATCC; ATCC number: HTB-38	Homo sapiens(human)/colorectal adenocarcinoma	1	HT-29 line was isolated from a primary tumor (44 years adult, Caucasian female) in 1964 by J. Fogh. Ultrastructural features reported for HT-29 cells include microvilli, microfilaments, large vacuolated mitochondria with dark granules, smooth and rough endoplasmic reticulum with free ribosomes, lipid droplets, few primary and many secondary lysosomes.
<u>60349</u>	HCT 116	Derived from ATCC; ATCC number: CCL-247	Homo sapiens (human)/colon ; colorectal carcinoma/human colorectal carcinoma	1	the line is positive for transforming growth factor beta 1 (TGF beta 1) and beta 2 (TGF beta 2) expression; it has a mutation in codon 13 of the ras protooncogene, and can be used as a positive control for PCR assays of mutation in this codon; growth and plating efficiency are enhanced by using a feeder layer of murine fibroblasts
<u>60148</u>	NCI-N87	Derived from ATCC; ATCC number: CCL-229	<i>Homo sapiens</i> (human)/colon; colorectal adenocarcinoma; metastatic site: left supraclavicular region/Human colon adenocarcinoma	1	The line was initiated from a fragment of a metastatic tumor nodule in the left supraclavicular region of a 56-year-old Caucasian male patient with a histologically proven diagnosis of adenocarcinoma of the colon; the cells are negative for expression of CSAp and colon antigen 3; the line is positive for expression of c-myc, K-ras, H-ras, N-ras, Myb, sis and fos oncogenes; N-myc and sis oncogene expression were not detected; tumor specific nuclear matrix proteins CC-3 and CC-4 are expressed.
<u>60074</u>	A-549	Derived from ATCC; ATCC number: CCL-185	<i>Homo sapiens</i> (human)/Lung; carcinoma/Human lung carcinoma	1	This line was initiated through explant culture of lung carcinomatous tissue from a 58-year-old Caucasian male; the cells could synthesize lecithin with a high percentage of desaturated fatty acids utilizing the cytidine diphosphocholine pathway.

