



BONE CANCER AND NORMAL CELL LINES

ATCC® No.	Name	Tissue	Cell Type	Disease	Organism	Age	Ethnicity	Genes Expressed
CRL-1873™	RS4;11	bone marrow	lymphoblast	acute lymphoblastic leukemia	Homo sapiens	32 years	Caucasian	HLA DR +; CD9 +; CD24 +
CRL-1929™	SUP-B15	bone marrow	B lymphoblast	acute lymphoblastic leukemia	Homo sapiens	8 years	Caucasian	immunoglobulin (cytoplasmic), CD1a -; CD2 -; CD3 -; CD4 -; CD5 -; CD8 -. The cells are positive for HLA DR +, the beta-2-microglobulin, Leu12, My7 (CD13), OKT9 (CD71), OKT10 (CD38) and CALLA (CD10) antigens.
CCL-246™	KG-1	bone marrow	Macrophage	acute myelogenous leukemia	Homo sapiens	59 years	Caucasian	HLA DR, HLA A30, A31, B35, Cw4
CCL-246.1™	KG-1a	bone marrow	promyeloblast, Macrophage	acute myelogenous leukemia	Homo sapiens	59 years	Caucasian	HLA A30, A31, B35, Cw4
CRL-8031™	KG-1	bone marrow		acute myelogenous leukemia	Homo sapiens	59 years	Caucasian	human leukocyte interferon
PTS-CCL-246™	KG-1	bone marrow	Macrophage	acute myelogenous leukemia	Homo sapiens	59 years	Caucasian	HLA DR, HLA A30, A31, B35, Cw4
HTB-151™	Hs 696	bone (sacrum)		adenocarcinoma	Homo sapiens	43 years	Asian	
CRL-7672™	Hs 919.T	bone		benign osteoid osteoma	Homo sapiens	34 years	Caucasian	
CRL-7891™	Hs 819.T	bone		chondrosarcoma	Homo sapiens	60 years	Caucasian	
HTB-94™	SW 1353 [SW 1353, SW-1353]	bone		chondrosarcoma	Homo sapiens	72 years	Caucasian	Blood type O-
CCL-243™	K-562	bone marrow		chronic myelogenous leukemia (CML)	Homo sapiens	53 years		CD7 (25%)
PTS-CCL-243™	K-562	bone marrow		chronic myelogenous leukemia (CML)	Homo sapiens	53 years		CD7 (25%)
CRL-2021™	MEG-01	bone, Bone marrow, Myeloid, Lymphoid	megakaryoblast	chronic myelogenous leukemia (CML)	Homo sapiens	55 years		CD41 +; CD61 +; CDw14 +

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CRL-7802™	Hs 454.T	bone		eosinophilic granuloma	Homo sapiens	2 years	Caucasian	
CRL-2138™	VA-ES-BJ	bone marrow	Epithelial	epithelioid carcinoma	Homo sapiens	41 years	Caucasian	granulocyte macrophage colony stimulating factor (GM-CSF), p53 +
CRL-2003™	TF-1	bone marrow	erythroblast	erythroleukemia	Homo sapiens	35 years	Japanese	
CRL-2451™	TF-1a	bone marrow	erythroblast	erythroleukemia	Homo sapiens	35 years	Japanese	CD34+, CD38-
TIB-180™	HEL 92.1.7	bone marrow	erythroblast	erythroleukemia	Homo sapiens	30 years	Caucasian	hemoglobin; globin (G gamma, A gamma, epsilon, eta and alpha chains); beta-2-microglobulin; glycophorin, HLA A3, Aw32, Bw35; Ia+
PTS-TIB-180™	HEL 92.1.7	bone marrow	erythroblast	erythroleukemia	Homo sapiens	30 years	Caucasian	hemoglobin; globin (G gamma, A gamma, epsilon, eta and alpha chains); beta-2-microglobulin; glycophorin, HLA A3, Aw32, Bw35; Ia+
CRL-2512™	TF-1.CN5a.1	bone marrow	erythroblast	erythroleukemia	Homo sapiens	35 years	Japanese	
CRL-6566™	F25	bone marrow: thymus	erythroblast	erythroleukemia	Felis catus	1.5 years		C type virus
CRL-7556™	Hs 822.T	bone		Ewing's sarcoma	Homo sapiens	9 years	Caucasian	
CRL-7598™	Hs 863.T	bone		Ewing's sarcoma	Homo sapiens	5 years	Caucasian	
HTB-166™	RD-ES	bone		Ewing's sarcoma	Homo sapiens	19 years	Caucasian	Blood type B; Rh+
PTS-HTB-166™	RD-ES	bone		Ewing's sarcoma	Homo sapiens	19 years	Caucasian	Blood type B; Rh+
CRL-2751™	23 ScCr [10ScNCr/23]	bone marrow	macrophage	FIV	Mus musculus	6 months adult		Macrophage inflammatory protein-2, tumor necrosis factor alpha (TNF alpha), CD11a, mouse; Mus musculus, CD11b, mouse; Mus musculus, F4/80, mouse
CRL-7447™	Hs 706.T	bone		giant cell sarcoma	Homo sapiens	16 years	Caucasian	
CRL-7473™	Hs 737.T	bone		giant cell sarcoma	Homo sapiens	10 years	Caucasian	
CRL-7554™	Hs 821.T	bone		giant cell sarcoma	Homo sapiens	31 years	Caucasian	
CRL-11882™	HS-5	bone marrow/stroma		Leukemia	Homo sapiens	30 years	Caucasian	
CRL-2028™	SR-4987	bone marrow/stroma		Leukemia	Mus musculus	5 months		macrophage colony stimulating factor (MCSF)
CRL-2840™	SAML-2	bone marrow		myelomonocytic secondary leukemia	Homo sapiens	42	Caucasian	
CRL-12103™	FDC-P1	bone marrow		Normal	Mus musculus			

ATCC® No.	Name	Tissue	Cell Type	Disease	Oganism	Age	Ethnicity	Genes Expressed
CRL-2130™	DAN	bone		osteosarcoma	Canis familiaris	11 years		
CCL-183™	D-17	bone: lung		osteosarcoma	Canis familiaris	11 years		
CRL-1423™	G-292, clone A141B1	bone		osteosarcoma	Homo sapiens	9 years	Caucasian	
CRL-1427™	MG-63	bone		osteosarcoma	Homo sapiens	14 years	Caucasian	interferon
CRL-1543™	HOS	bone		osteosarcoma	Homo sapiens	13 years	Caucasian	
CRL-1547™	MNNG/HOS Cl #5 [R-1059-D]	bone		osteosarcoma	Homo sapiens	13 years	Caucasian	
CRL-7023™	Hs 39.T	bone		osteosarcoma	Homo sapiens	17 years	Caucasian	
CRL-7444™	Hs 704.T	bone		osteosarcoma	Homo sapiens	13 years	Caucasian	
CRL-7448™	Hs 707(A).T	bone		osteosarcoma	Homo sapiens	13 years adolescent	Caucasian	
CRL-7606™	Hs 870.T	bone		osteosarcoma	Homo sapiens			
CRL-7628™	Hs 890.T	bone		osteosarcoma	Homo sapiens	40 years		
CRL-7943™	T1-73	bone		osteosarcoma	Homo sapiens			
CRL-8303™	143B	bone		osteosarcoma	Homo sapiens	13 year old	Caucasian	
HTB-85™	Saos-2	bone		osteosarcoma	Homo sapiens	11 years	Caucasian	Blood Type B, Rh+; HLA A2, A3, Bw16, Bw47
HTB-96™	U-2 OS	bone		osteosarcoma	Homo sapiens	15 years	Caucasian	osteosarcoma derived growth factor (ODGF), Blood Type A; Rh+; HLA A2, Aw30, B12, Bw35, B40(+/-)
CRL-7060™	Hs 88.T	bone/connective tissue		osteosarcoma	Homo sapiens	25 years	Caucasian	
CRL-7622™	Hs 888.T	bone: lung		osteosarcoma	Homo sapiens	20 years	Caucasian	
CRL-2836™	K7M2 wt [K7M2-WT]	bone: lung	osteoblast	osteosarcoma	Mus musculus			decorin, secreted phosphoprotein 1 (osteopontin), villin 2 (ezrin), Expression of bone sialoprotein, biglyan, decorrin, and osteopontin is suggestive of bone lineage cells.
CRL-1661™	UMR-106	bone		osteosarcoma	Rattus norvegicus			
CRL-1663™	UMR-108	bone		osteosarcoma	Rattus norvegicus			
CRL-2131™	DSDh	bone		osteosarcoma	Canis familiaris	11 years		

ATCC® No.	Name	Tissue	Cell Type	Disease	Oganism	Age	Ethnicity	Genes Expressed
CRL-9939™	DSN	bone: lung		osteosarcoma	Canis familiaris	11 years		
CRL-1544™	KHOS/NP (R-970-5)	bone		osteosarcoma	Homo sapiens	13 years	Caucasian	
CRL-1545™	KHOS-240S	bone		osteosarcoma	Homo sapiens	13 years	Caucasian	
CRL-1546™	KHOS-312H	bone		osteosarcoma	Homo sapiens	13 years	Caucasian	
CRL-7134™	Hs 184.T	bone		osteosarcoma	Homo sapiens	21 years adult	Caucasian	
CRL-8304™	143B PML BK TK	bone		osteosarcoma	Homo sapiens	13 year old	Caucasian	genome, partial [tk]
CRL-8468™	D17	bone		osteosarcoma	Canis familiaris	11 years		
CRL-7626™	Hs 889.T	bone		osteosarcoma	Homo sapiens	14 years	Caucasian	
CRL-6250™	D22	bone		osteosarcoma	Canis familiaris			
CRL-6217™	CF11.T	bone/connective tissue		osteosarcoma	Canis familiaris	5 years		
CRL-7005™	Hs 3.T	bone		osteosarcoma	Homo sapiens	51 years	Black	
CRL-7140™	Hs 188.T	bone		osteosarcoma	Homo sapiens	18 years	Caucasian	
CRL-7263™	Hs 387.T	bone		osteosarcoma	Homo sapiens	13 years		
CRL-7489™	Hs 755(B).T	bone		osteosarcoma	Homo sapiens	18 years	Caucasian	
CRL-7511™	Hs 781.T	bone		osteosarcoma	Homo sapiens	12 years	Caucasian	
CRL-7823™	Hs 14.T	bone		osteosarcoma	Homo sapiens	45 years	Caucasian	
CRL-7595™	Hs 860.T	bone: lung		osteosarcoma	Homo sapiens	22 years	Caucasian	
CRL-7631™	Hs 894(A).T	bone: lung		osteosarcoma	Homo sapiens	20 years	Caucasian	
CRL-7644™	Hs 899(C).T	bone: lung		osteosarcoma	Homo sapiens	20 years	Caucasian	
CRL-7645™	Hs 899(D).T	bone: lung		osteosarcoma	Homo sapiens	20 years	Caucasian	
CRL-2098™	SJSA-1	bone		osteosarcoma; multipotential sarcoma	Homo sapiens	19 years adult	Black	

ATCC® No.	Name	Tissue	Cell Type	Disease	Oganism	Age	Ethnicity	Genes Expressed
CRL-9068™	NCI-H929 [H929]	bone marrow	B lymphocyte	plasmacytoma; myeloma	Homo sapiens	62 years	Caucasian	PCA-1; CD38 +
CRL-7746™	TE 130.T	bone		sacroccocygeal teratoma	Homo sapiens	6 months	Caucasian	
HTB-86™	SK-ES-1	bone		sarcoma (anaplastic osteosarcoma or Ewing's sarcoma)	Homo sapiens	18 years	Caucasian	Blood Type A; Rh+
CRL-11372™	hFOB 1.19	bone			Homo sapiens	fetus		alkaline phosphatase, SV40 T antigen
CRL-2496™	HS-27A	bone marrow/stroma			Homo sapiens	30 years	Caucasian	vascular cell adhesion molecule 1 (CD106, VCAM-1)
CRL-11346™	32D Clone 3	bone marrow			Mus musculus			
CRL-11422™	MPRO Cell Line, Clone 2.1	bone marrow			Mus musculus			
CRL-11691™	EML Cell Line, Clone 1	bone marrow			Mus musculus			
CRL-11904™	JAWSII	bone marrow	immature dendritic cell; monocyte		Mus musculus			
CRL-12557™	7F2	bone marrow	osteoblast		Mus musculus	5 to 6 weeks		
CRL-2420™	LADMAC	bone marrow	Macrophage, Monocyte		Mus musculus	adult		colony stimulating factor-1 (CSF-1)
TIB-239™	2E8	bone marrow	B lymphocyte		Mus musculus	immature		
CRL-12424™	D1 ORL UVA [D1]	bone marrow/stroma	Adipocytes, Osteocyte, Chondrocyte		Mus musculus			
CRL-1972™	M2-10B4	bone marrow/stroma			Mus musculus			laminin; collagen IV
CRL-2623™	W-20-17 [W-20 clone 17]	bone marrow/stroma			Mus musculus			alkaline phosphatase induced by recombinant human bone morphogenetic protein-2 (rhBMP-2)
CRL-2593™	MC3T3-E1 Subclone 4	bone/calvaria	preosteoblast		Mus musculus	newborn		collagen
CRL-2594™	MC3T3-E1 Subclone 14	bone/calvaria	preosteoblast		Mus musculus	newborn		collagen
CRL-2595™	MC3T3-E1 Subclone 24	bone/calvaria	preosteoblast		Mus musculus	newborn		collagen
CRL-2596™	MC3T3-E1 Subclone 30	bone/calvaria	Osteoblast		Mus musculus	newborn		collagen
HB-10611™	1H11	bone, spleen, bone	hybridoma: B lymphocyte		Mus musculus			immunoglobulin; monoclonal antibody; against bone type 1 collagen amino terminal telopeptide
CRL-1909™	M/K-2.7	bone, Bone marrow, Stroma, spleen, lymphocyte, endothelia	hybridoma: B lymphocyte		Rattus norvegicus			immunoglobulin; monoclonal antibody; against murine VCAM-1

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CRL-2179™	KMI6	bone, Bone marrow, Stroma, spleen, Stroma, Lymphoid	hybridoma: B lymphocyte		Rattus norvegicus			immunoglobulin; monoclonal antibody; against mouse integrin beta 1 subunit (CD29)
HB-11917™	SM27-1045	bone, Bone marrow, spleen			Mus musculus			immunoglobulin; monoclonal antibody; against EM10
CRL-1896™	KM703	bone, Bone marrow, Stroma, spleen, Myeloid, Lymphoid	hybridoma: B lymphocyte		Rattus norvegicus			immunoglobulin; monoclonal antibody; against the functional domain of mouse Pgp-1 (CD44)
TIB-240™	KM201	bone, Bone marrow, Stroma, spleen, Myeloid, Lymphoid	hybridoma: B lymphocyte		Rattus norvegicus			immunoglobulin; monoclonal antibody; against the functional domain of mouse Pgp-1 (CD44)
TIB-241™	KM81	bone, Bone marrow, Stroma, spleen, Myeloid, Lymphoid	hybridoma: B lymphocyte		Rattus norvegicus			immunoglobulin; monoclonal antibody; against the functional domain of mouse Pgp-1 (CD44)
TIB-242™	KM114	bone, Bone marrow, Stroma, spleen, Myeloid, Lymphoid	hybridoma: B lymphocyte		Rattus norvegicus			immunoglobulin; monoclonal antibody; against the functional domain of mouse Pgp-1 (CD44)
CRL-1910™	M/K-1.9	bone, Bone marrow, Stroma, spleen, lymphocyte	hybridoma: B lymphocyte		Rattus norvegicus			immunoglobulin; monoclonal antibody; against murine VCAM-1
CRL-2212™	KMC8.8	bone, Bone marrow, Stroma, spleen, lymphocyte, bone, Myeloid, Bone marrow, Stroma	hybridoma: B lymphocyte		Rattus norvegicus			immunoglobulin; monoclonal antibody; against mouse CD9
CRL-6016™	BBm	bone marrow			Bos taurus	2 days		
CRL-6043™	FB5.Bm	bone marrow			Bos taurus	fetus		
CRL-7592™	Hs 855.T	bone/ mesenchyme			Homo sapiens	27 years	Black	



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