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List of available tumour models

Tissue	Species	Tumour Type	Subcutaneous	Non-invasive imaging	Orthotopic inoculation
Brain					
C6	Rat	Glial Cell; Glioma ; Fibroblast			
D341	Human	Medulloblastoma	✓		
DAOY	Human	Desmoplastic Cerebellar Medulloblastoma	✓		
SNB-19	Human	Glioblastoma			
U87G	Human	Glioblastoma; Astrocytoma	✓		
Breast Cancer					
4 T1	Mouse	Breast Carcinoma	✓		✓ Also as metastasis model
BT-474	Human	Breast Carcinoma	✓		✓
CCL-51	Mouse	Breast Carcinoma			
EMT6	Mouse	Breast Carcinoma			
MCF-7	Human	Breast Carcinoma	✓		In progress
MDA -MB-231	Human	Breast Adenocarcinoma, Pleural	✓		✓
MDA-MB-435	Human	Ductal Breast Carcinoma	✓		
MDA-MB-435S	Human	Ductal Breast Carcinoma			
MDA-MB-453	Human	Breast Carcinoma	✓		
MDA-MB-468	Human	Breast Adenocarcinoma	✓		✓ As metastasis model
MMT060562	Mouse	Breast Carcinoma			
T47D	Human	Breast Carcinoma			
Colon					
Colo-205	Human	Carcinoma, Colorectal	✓		
Colo-201	Human	Carcinoma, Colorectal	✓		
DLD-1	Human	Carcinoma, Colorectal	✓		
HCT 116	Human	Carcinoma, Colorectal	✓	✓	✓
HCT15	Human	Carcinoma, Colorectal	✓		
HT-29	Human	Adenocarcinoma, Colorectal	✓		✓
LOVO	Human	Carcinoma, Colorectal	✓		
SW480	Human	Carcinoma, Colorectal	✓		
SW620	Human	Carcinoma, Colorectal	✓		
WIDr	Human	Carcinoma, Colorectal	✓		
GIST					
MKN-45	Human	(human, Stomach, Adenocarcinoma)	✓		
Head & Neck					
SCC-15	Human	Squamous Cell Carcinoma			
Kidney					
ACHN	Human	Renal Cell Adenocarcinoma	✓		
786-O	Human	Renal Cell Adenocarcinoma			
Leukemia					
CCRf-CEM	Human	T Cell, Acute Lymphoblastic Leukemia (ALL)	✓		
Daudi	Human	B Lymphoblast, Burkitt's Lymphoma (NHL)	✓		✓
HL-60	Human	Acute Promyelocytic Leukemia, Peripheral Blood (AML)	✓		
K-562	Human	Chronic Myelogenous Leukemia (CML) Bone Marrow	✓		
KASUMI	Human	Japanese Acute Myeloid Leukemia (AML)			
LP-1	Human	Plasmacytoma, Multiple Myeloma (MM)	In progress		✓ In tibia bone marrow
NCI-H929	Human	Plasmacytoma, Multiple Myeloma (MM)	✓		✓ In tibia bone marrow
MOLT-4	Human	T Lymphoblast, Acute Lymphoblastic Leukemia (ALL)			
MUTZ-2	Human	Acute Myeloid Leukemia (AML)			
MV(4)11	Human	Acute Biphentotypic B Monocytic Leukemia (AML)	✓		✓
OCI-AML 2	Human	Acute Myeloid Leukemia (AML)			
PEER	Human	T Cell, Acute Lymphoblastic Leukemia (ALL)			
Raji	Human	B Lymphoblast, Burkitt's Lymphoma (NHL)	✓		✓
RPMI 8226	Human	Plasmacytoma, Multiple Myeloma (MM)	✓		
RS(4)11	Human	AL Mixed Line			
SKM-1	Human	AML			
U937	Human	Histiocytic Lymphoma			
Liver					
Hep 3B2.1-7	Human	Hepatocellular Carcinoma	✓	✓	✓
HUH-7	Human	Carcinoma	✓		
SK-HEP-1	Human	Adenocarcinoma	✓	In Progress	In progress

Tissue	Species	Tumour Type	Subcutaneous	Non-invasive imaging	Orthotopic inoculation
Lung Carcinoma					
LL/2	Mouse	Lewis Lung (C57BL6)	✓		
A-549	Human	NSCLC	✓	In Progress	
HOP-92	Human	NSCLC, Pleural Effusion	✓		
NCI-H146	Human	NSCLC	✓		
NCI-H209	Human	SCLC, Small Cell Carcinoma	✓		
NCI-H460	Human	NSCLC, Pleural Effusion	✓		
NCI-H520	Human	NSCLC, Squamous Cell Carcinoma	✓		
NCI-H596	Human	NSCLC, Adenosquamous Carcinoma	✓		
NCI-H69	Human	SCLC, Small Cell Carcinoma	✓		
NCI-H82	Human	NSCLC	✓		
Melanoma Skin					
A375	Human	Malignant Melanoma	✓		
B16-F0	Mouse	Melanoma	✓		
B16-F10	Mouse	Melanoma	✓		
CHL-1	Human	Melanoma	✓		
G361	Human	Malignant Melanoma	✓		
Malme-3	Human	Fibroblast			
Malme-3M	Human	Malignant Melanoma			
SK-MEL-2	Human	Malignant Melanoma			
SK-MEL-28	Human	Malignant Melanoma			
SK-MEL-5	Human	Malignant Melanoma			
Ovary					
A2780	Human	Ovary, Adenocarcinoma	✓		✓
ADDP	Human	Ovary, Adenocarcinoma			
NIH;OVCAR-3	Human	Ovary, Adenocarcinoma			
NIH;OVCAR-4	Human	Ovary, Adenocarcinoma			
NIH;OVCAR-5	Human	Ovary, Adenocarcinoma			
SK-OV-3	Human	Adenocarcinoma , Ovary, Malignant Ascites			
Pancreas					
BxPC-1	Human	Adenocarcinoma			✓
MIA PaCa-2	Human	Carcinoma	✓		
PANC-1	Human	Epithelioid Carcinoma	✓		
Prostate					
DU 145	Human	Prostate Carcinoma	✓		✓
LN-CaP	Human	Prostate Carcinoma	✓		
PC3	Human	Prostate Adenocarcinoma	✓		
PC3-M	Human	Prostate Adenocarcinoma	✓		
Thyroid					
SW579	Human	Squamous Cell Carcinoma			✓
Other					
Sarcoma 180	Mouse	Sarcoma From Ascitis (Swiss Webster)			