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Cell Lines for <i>in vitro</i> and <i>in vivo</i> Studies			In-house Reference				
Tissue	Species	Tumour Type	<i>in vivo</i>	<i>in vitro</i>	Orthotopic inoculation	Comment for <i>in vivo</i> work	Lead Time for <i>in vivo</i> studies [weeks]
<b>Brain</b>							
C6	Rat	glial cell; glioma ; fibroblast	no	no			6
D341	Human	medulloblastoma	no	yes			
DAOY	Human	desmoplastic cerebellar medulloblastoma	yes	yes			
SNB-19	Human	glioblastoma	no	yes			
U87G	Human	glioblastoma; astrocytoma	yes	yes			6 for ortho 2 for subQ
<b>Breast Cancer</b>							
4 T1	Mouse	breast carcinoma	yes	yes	yes, also as metastasis model	BalbC Mice	2
BT-474	Human	breast carcinoma	yes	yes	yes	Oestrogen dependent, hormone pellets	2-4
CCL-51	Mouse	breast carcinoma	yes	no	yes, also as metastasis model	lung mets	4
EMT6	Mouse	breast carcinoma	no	no	not tested		2
MCF-7	Human	breast carcinoma	in progress	yes	in progress	Estrogen dependent, hormone pellets	4
MDA -MB-231	Human	breast adenocarcinoma, Pleural	yes	yes	yes		2-3
MDA-MB-435	Human	ductal breast carcinoma	in progress	yes		from fragments	3
MDA-MB-435S	Human	ductal breast carcinoma	not tumorigenic	no	not tested	low take rate	3
MDA-MB-453	Human	breast carcinoma	yes	yes	not tested		4
MDA-MB-468	Human	breast adenocarcinoma	yes	yes	yes, as metastasis model in bone marrow of tibia	slow growing 60 days lead time	4
MMT060562	Mouse	breast carcinoma	no	no	not tested		4
T47D	Human	breast carcinoma	not tumorigenic	no			n/a
<b>Colon</b>							
Colo-205	Human	carcinoma, colorectal	yes	yes	yes		3-4
DLD-1	Human	carcinoma, colorectal	yes	no	not tested		2
HCT 116	Human	carcinoma, colorectal	yes	yes	yes		2-4
HCT15	Human	carcinoma, colorectal	yes	yes	not tested		2
HT-29	Human	adenocarcinoma, colorectal	yes	yes	yes		2
LOVO	Human	carcinoma, colorectal	no	no	not tested		3-4
SW480	Human	carcinoma, colorectal	yes	no	not tested		4
SW620	Human	carcinoma, colorectal	yes	no	not tested	resistant	4
WiDr	Human	carcinoma, colorectal	yes	no	not tested		2
<b>GIST</b>							
MKN-45	Human	(human, stomach, adenocarcinoma)	yes	yes	not tested		4
<b>Head &amp; Neck</b>							
SCC-15	Human	squamous cell carcinoma	no	no	not tested	not tumorigenic, very slow growing	n/a
<b>Kidney</b>							
ACHN	Human	renal cell adenocarcinoma	yes	yes	not tested	slow growing	3-5
786-O	Human	renal cell adenocarcinoma	yes	yes	not tested	slow growing	3-5
<b>Leukemia</b>							
CCRF-CEM	Human	T cell, acute lymphoblastic leukemia (ALL)	yes	no	not tested		4
Daudi	Human	B lymphoblast, Burkitt's lymphoma (NHL)	yes	yes	yes	iv injection in SCID mice	4
HL-60	Human	acute promyelocytic leukemia, peripheral blood	yes	yes	not tested	from fragments	4
K-562	Human	chronic myelogenous leukemia (CML) bone mar	yes	yes	not tested		3-4
KASUMI	Human	japanese acute myeloid leukemia (AML)	yes	no	not tested		4
LP-1	Human	Plasmacytoma, multiple myeloma (MM)	yes	no	in bone marrow of the tibia	bone lytic when injected in bone marrow of tibia	4
NCI-H929	Human	Plasmacytoma, multiple myeloma (MM)	yes	no	in bone marrow of the tibia	bone lytic when injected in bone marrow of tibia	4
MOLT-4	Human	T lymphoblast, acute lymphoblastic leukemia (L	no	yes	not tested	used in screening	n/a
MUTZ-2	Human	acute myeloid leukemia (AML)	no	yes	not tested	used in screening	n/a
MV(4)11	Human	acute biphenotypic B monocytic leukemia (AML)	yes	yes	yes	i.v. injection in NOD SCID mice	4
OCI-AML 2	Human	acute myeloid leukemia (AML)	no	yes	not tested	used in screening	n/a
PEER	Human	T cell, acute lymphoblastic leukemia (ALL)	no	yes	not tested	used in screening	n/a
Raji	Human	B lymphoblast, Burkitt's lymphoma (NHL)	yes	yes	yes	iv injection in SCID mice	4
RPMI 8226	Human	Plasmacytoma, multiple myeloma (MM)	yes	yes	not tested	bone lytic when injected in bone marrow of tibia	4
RS(4)11	Human	AL mixed line	no	yes	not tested		n/a
SKM-1	Human	AML		yes	not tested		n/a
U937	Human	histiocytic lymphoma	no	yes	not tested		n/a
<b>Liver</b>							
Hep 3B2.1-7	Human	hepatocellular carcinoma	yes	yes	yes	subcutaneous and orthotopic, >90% take rate	3
HUH-7	Human	carcinoma	yes	yes	yes	very variable and fast growing	3
SK-HEP-1	Human	adenocarcinoma	yes	yes	yes		4
<b>Lung Carcinoma</b>							
LL/2	Mouse	Lewis Lung (C57BL6	yes	no	intradermal	metastasises to lungs	2-3
A-549	Human	NSCLC	yes	yes	not tested		2
Calu-3	Human	adenocarcinoma (Pleural effusion)	yes	no	not tested		
HOP-92	Human	NSCLC, pleural effusion	no	yes	not tested		2
NCI-H146	Human	NSCLC	yes	yes	not tested		4
NCI-H209	Human	SCLC, Small Cell Carcinoma	yes	yes	not tested	high variability	3
NCI-H460	Human	NSCLC, pleural effusion	yes	yes	yes		2-4
NCI-H520	Human	NSCLC, Squamous cell carcinoma	yes	yes	not tested		2-3
NCI-H596	Human	NSCLC, adenosquamous carcinoma	yes	yes	not tested	from fragments	4-6
NCI-H69	Human	SCLC, Small Cell Carcinoma	yes	yes	not tested	from fragments	3-4
NCI-H82	Human	NSCLC	yes	no	not tested		3-4
<b>Melanoma Skin</b>							
A375	Human	malignant melanoma	yes	yes	not tested		2-3
B16-F0	Mouse	melanoma	yes	in progress	yes	C57 Black 6 mouse	2
B16-F10	Mouse	melanoma	yes	no	yes	C57 Black 6 mouse	2
C8161	Human	malignant melanoma	yes	no	yes	metastatic clone	3
CHL-1	Human	melanoma	yes	no	yes	fast growing	2
G361	Human	malignant melanoma	yes	yes	not tested	lung and liver metastasis, induction of cachexia	4
Malme-3	Human	malignant melanoma	no	yes	not tested		n/a
Malme-3M	Human	malignant melanoma	no	yes	not tested		n/a
SK-MEL-2	Human	malignant melanoma	no	yes	not tested		n/a
SK-MEL-28	Human	malignant melanoma	no	yes	not tested		n/a
SK-MEL-5	Human	malignant melanoma	no	no	not tested		n/a
<b>Ovary</b>							
A2780	Human	ovary, adenocarcinoma	yes	no	not tested		2-3
ADDP	Human	ovary, adenocarcinoma	no	no	not tested		n/a
NIH;OVCAR-3	Human	ovary, adenocarcinoma	yes	yes	not tested	SCID mice	5
NIH;OVCAR-4	Human	ovary, adenocarcinoma	no	no	not tested		n/a
NIH;OVCAR-5	Human	ovary, adenocarcinoma	no	no	not tested		n/a
SK-OV-3	Human	adenocarcinoma , ovary, Malignant Ascites	yes	yes	not tested	SCID mice	3-5
<b>Pancreas</b>							
BxPC-1	Human	adenocarcinoma	no	yes	not tested	sunbQ	3-5
L3.6pL	Human	carcinoma	no/yes	no	yes, also as metastasis model	panc-ectomyin preparation	2-4
MIA PaCa-2	Human	carcinoma	yes	yes	not tested		2-4
PANC-1	Human	epithelioid carcinoma	yes	yes	not tested	SCID mice	3-6
Pan02	mouse	carcinoma	no	no	yes	C57B16	5
<b>Prostate</b>							
DU 145	Human	prostate carcinoma	yes	yes	yes	slow growth rate	4
LN-CaP	Human	prostate carcinoma	yes	yes	not tested	Androgen depended	4-6
PC3	Human	prostate adenocarcinoma	yes	yes	yes		2-3
PC3-M	Human	prostate adenocarcinoma	yes	yes	not tested	metastasis, induction of cachexia	2-3
<b>Thyroid</b>							
SW579	Human	squamous cell carcinoma	no	yes	yes		n/a
<b>Other</b>							
Sarcoma 180	Mouse	Sarcoma from ascitis (Swiss Webster)	no	no	not tested		n/a