

Cell lines that are known to grow in vivo

Breast

B585 (in vivo passaged only, no in vitro growth)
BT474 *#
HCC1569 *#
MCF7 *#
MCF7-clone18 (HER2) *
MDA MB231 #
4T1 (murine) #

Prostate

PC-3#
LNCaP-LN3*
DU-145
LAPC4
LNCaP C4-2B

Colon:

MC-38 (murine)

Pancreas

Colo357
L3.3 #
L3.6p I# (OT panc model)
MiaPaca #
Hs766t #
Panc 6.03 #
SU 86.86 #
PL45#
P53.2.1.1 (murine) #
Ink 2.2 (murine) #

Multiple Myeloma

RPMI-8226 #
JLN3 #
H929

Neuroblastoma

NB1691

CNS Lymphoma

Raji (orthotopic model) #

Leukemia

K562 (bcr:abl fusion)

* passaged once through mice to increase take rate
the core also has a variant of this cell line expressing firefly luciferase reporter

We also have a collection (approx. 30) of patient derived xenograft (PDX) lines. These are mostly derived from primary pancreatic and metastatic (to liver) colorectal cancer. We also have a chondroma and a few CNS lymphoma PDX models. They have not been extensively annotated, and p53 mutation status is not known. However, the histological similarity of these xenograft tumors is very good compared to the original patient tumor.