



Xenograft Models

| Cancer Type | Cell Lines |
|-------------------------------|---|
| Breast cancer | 2LMP, Bcap-37, BT-474, HCC1806, HCC70, HCC1569, HCC1954, HCC70, JIMT-1, MCF-7, MDA-MB-231, MDA-MB-361, MDA-MB-468, MX-1, SUM159, SUM149PT, ZR-75-1, ZR-75-30 |
| Bladder cancer | HT-1197, HT-1376, RT4, SCaBER, SW780, T24 |
| Colon and cecum cancer | COLO 201, COLO 205, COLO 320 DM, CW-2, DLD-1, HCT-8, HCT-15, HCT-116, HT-29, LoVo, LS1034, LS174T, LS411N, LIM-1215, NCI-H716, NCI-H508, RKO, SW48, SW620 |
| Cervical cancer | SiHa, HeLa |
| Endometrium/Hystero carcinoma | AN3 CA, HEC-1-A, ME-180, MFE-280 |
| Fibrosarcoma | HT-1080 |
| Gastric cancer | BGC-823, HGC-27, MKN-45, MKN-28, NCI-N87, NUGC-3, SCH, SGC-7901 |
| Glioblastoma | U-87MG, U-87 MG-Red-Fluc(PE), LN-229 |
| Hepatocellular cancer | Bel-7402, Hep-3B, Huh-7, PLC/PRF/5, QGY-7703, SK-HEP-1, SMMC-7721 |
| Head and neck cancer | FaDu, Detroit 562, CAL-27 |
| Lung cancer | 95-D, A-549, Calu-1, Calu-3, Calu-6, DMS114, HCC827, MSTO-211H, NCI-H1299, NCI-H146, NCI-H1581, NCI-H1650, NCI-H1688, NCI-H1975, NCI-H209, NCI-H2122, NCI-H2228, NCI-H226, NCI-H292, NCI-H3122, NCI-H358, NCI-H446, NCI-H460, NCI-H520, NCI-H526, NCI-H69, NCI-H727, PC-9 |
| Leukemia | CCRF-CEM, HEL, HL-60, K-562, Karpas-299, MV-4-11, MOLT-4, MOLM13, THP-1 |
| Muscle, Striated | SJCRH30 |
| Myeloma | KMS-11, KMS-26, RPMI-8226, MM.1S |
| Melanoma | A375, A2058, C32, HMCB, MDA-MB-435s, SK-MEL-30, WM-226-4 |
| Ovarian cancer | ES-2, HO-8910PM, PA-1, SK-OV-3, OVCAR-3 |
| Oral epithelial cancer | KB |
| Osteosarcoma | MG-63, SJSA-1 |
| Prostate cancer | DU145, PC-3, LNCap, CL-1 |
| Pancreatic cancer | AsPC-1, BxPC-3, Capan-1, Capan-2, CFPAC-1, HPAF-II, MIAPaCa-2 |
| Pharynx | FaDu |
| Renal cancer | ACHN, OS-RC-2, 786-O, A498 |
| Skin cancer | A431, Colo829 |
| Thyroid gland medullary | TT |

CDX Models

| Cancer Type | Cell Lines |
|----------------------|--|
| Brain cancer | U-87 MG, LN-229, SH-SY5Y |
| Breast cancer | BT474, HCC1569, HCC1954, HCC70, JIMT-1, MCF7, MDA-MB-231, MDA-MB-468, MX-1, SUM149PT, ZR-75-1 |
| Colon cancer | COLO 205, DLD-1, HCT-116, HCT-15, HT-29, LIM-1215, LoVo, Ls174T, NCI-H580, RKO, SW480, SW620 |
| Endometrium | AN3 CA, HEC-1-A |
| Fibrosarcoma | HT-1080 |
| Gastric cancer | Hs 746T, MKN-45, NCI-N87, SNU-16 |
| Head and neck cancer | TT, FaDu |
| Leukemia | CCRF-CEM, HEL, HL-60, K-562, MV-4-11, THP-1 |
| Liver cancer | Hep G2, HuH-7 |
| Lung cancer | A549, Calu-1, Calu-3, Calu-6, HCC827, MOTO-211H, NCI-H1299, NCI-H1650, NCI-H1975, NCI-H2122, NCI-H358, NCI-H460, NCI-H520, NCI-H2228, NCI-H526, NCI-H69, NCI-H727, PC9, A427 |
| Lymphoma | SU-DHL-4, DB, SU-DHL-6, Mino, Daudi, JeKo-1, Raji, TMD-8, WSU DLCL2, DOHH2, OCI-LY19, OCI-HL10, MOLM13, U-937 |
| Melanoma | A375 |
| Myeloma | MM.1S, NCI-H929, RPMI-8226 |
| Osteosarcoma | SJSA-1 |
| Ovarian cancer | A2780, OVCAR-3, SK-OV-3 |
| Pancreatic cancer | AsPC-1, Bx PC-3, Capan-1, Capan-2, CFPAC-1, HPAF-II, Mia PaCa-2, PANC-1, SU.86.86 |
| Prostate cancer | DU145, PC-3 |
| Renal cancer | 786-O, OS-RC-2, A498 |
| Skin cancer | A-431 |



Humanized Models

(PBMC + CD34⁺ HSC Humanized Models)

| Cancer Type | Cell Lines |
|--------------------|-----------------------------------|
| Brain cancer | U-87 MG |
| Breast cancer | HCC1954, MDA-MB-231, JIMT-1 |
| Bladder cancer | UM-UC-3 |
| Colon cancer | HT29, LoVo, Ls174T |
| Endometrium cancer | Ishikawa |
| Gastric cancer | NCI-N87 |
| Liver cancer | Hep G2 |
| Lung cancer | HCC827, NCI-H1975, NCI-H292, A549 |
| Leukemia | THP-1 |
| Lymphoma | Raji, TMD8, MOLM-13 |
| Myeloma | RPMI-8226, NCI-H929, MM.1S |
| Melanoma | A375 |
| Ovarian cancer | OVCAR-3 |
| Prostate cancer | PC-3 |
| Pharynx | FaDu |
| Pancreatic cancer | Capan-2 |
| Renal cancer | 786-O |
| Skin cancer | A431 |
| Thyroid/medulla | TT |

Syngeneic Models

| Cancer Type | Cell Lines |
|-------------------|--|
| AML | C1498, L1210, WEHI-3 |
| Bladder cancer | MB49 |
| Breast cancer | EMT6, JC, EO771(ATCC), 4T1, 4T1-luc, C1271 |
| Colon cancer | CT26.WT, CT26.WT-luc, MC-38, Colon26, CMT-93 |
| DLBCL lymphoma | A20, P388D1, L5178-R (LY-R), E.G7-OVA |
| Hepatoma | H22 |
| Kidney cancer | RENCA |
| Leukemia | C1498, L1210, WEHI-3 |
| Liver cancer | H22, H22-Luc, Hepa 1-6 |
| Lung cancer | LLC1, LLC1-luc, KLN205 |
| Lymphoma | A20, EL4, L5178-R, E.G7-OVA |
| Mastocytoma | P815 |
| Melanoma | B16-F10, Clone-M3 |
| Myeloma | J558 |
| Renal cancer | RENCA |
| Pancreatic cancer | Panc 02 |
| Plasmacytoma | MPC-11 |

Orthotopic Models

| Cancer Type | Cell Lines |
|-------------------|--|
| Brain cancer | U87-MG, G261, U251, U87-MG-luc, G261-luc, U251-luc |
| Breast cancer | MDA-MB-231, MDA-MB-231-luc, 4T1, 4T1-luc, HCC1954, HCC70, MDA-MB-361, MCF7 |
| Bladder cancer | UM-UC-3, MB49 |
| Colon cancer | HCT-116, LoVo, HT29-luc, HT29, MC38, MC38-luc, CT26.WT-luc |
| Glioblastoma | U87-MG, U87-MG-luc |
| Gastric cancer | Hs 746T |
| Kidney cancer | A498 |
| Leukemia | K562, K562-luc, MV-4-11, MV-4-11-luc, THP-1, Nalm-6, Nalm-6-luc, MOLM-13, MOLM-13-luc, RL, MAVER-1, Karpas299, HL-60 |
| Liver cancer | H22, H22-luc, HuH-7, HuH-7-luc, Hep G2, Hep G2-luc |
| Lung cancer | NCI-H460, NCI-H1650, NCI-H1975, NCI-H1975-luc, A549, A549-luc, LLC1, LLC1-luc |
| Lymphoma | Raji, Raji-luc |
| Melanoma | B16-F10, B16-F10-luc |
| Myeloma | NCI-H929, MM.1S, NCI-H929-luc, MM.1S-luc |
| Osteosarcoma | SJSA-1 |
| Ovarian cancer | SK-OV-3, SK-OV-3-luc |
| Pancreatic cancer | Mia-Paca 2, Mia-Paca 2-luc |
| Pancreas cancer | Mia-Paca 2, Mia-Paca 2-luc, Panc02, Panc02-luc |
| Prostate cancer | PC3, PC-3-luc |
| Renal cancer | A498 |

PDX Models

| Cancer Type | Cell Lines |
|-------------------|--|
| Breast cancer | PDXM-201B, PDXM-202B, PDX-203B |
| Bladder cancer | PDXM-231U, PDXM-232U |
| Colon cancer | PDXM-008C, PDXM-016C, PDXM-020C, PDXM-021C, PDXM-057C, PDXM-060C, PDXM-075C, PDXM-076C, PDXM-087C, PDXM-104C, PDXM-095C, PDXM-084C, PDXM-072C, PDXM-069C, PDXM-015C, PDXM-002C |
| Gastric cancer | PDXM-091Ga, PDXM-092Ga |
| Lung cancer | PDXM-028Lu, PDXM-047Lu, PDXM-050Lu, PDXM-053Lu, PDXM-054Lu |
| Lymphoma | PDXM-241Ly, PDXM-242Ly |
| Liver cancer | PDXM-211Li, PDXM-212Li |
| Pancreatic cancer | PDXM-221Pa, PDXM-222Pa |