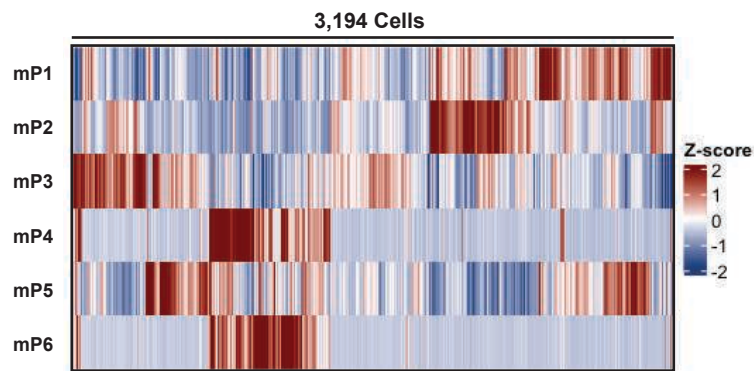


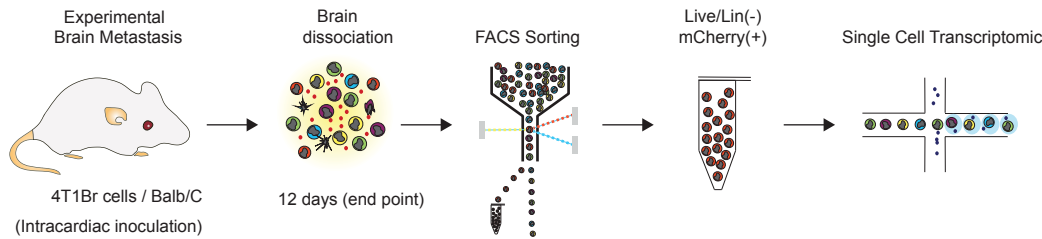
A Experimental MDA-MB-231Br model



B

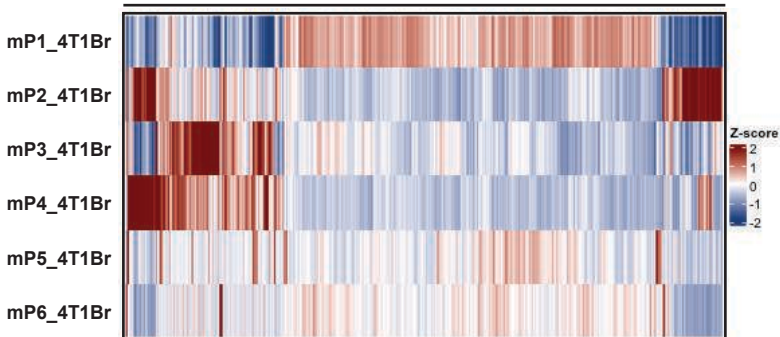
Program	Annotation	Selected Genes
mP1	Developmental Growth	PODXL, HEG1, FSTL3, CDKN1A, EREG, KRT17, SMAD3, SMAD4, TGFB2
mP2	Developmental Process / Collagen Biosynthesis	CRYAB, COL1A1, COL3A1, FGFR1, LEF1, ITGA1, NOTCH3, LGR6, PDGFRB
mP3	Translation / Ribosome Biogenesis	FAU, RPL36, RPS21, RPS23, RPL18A, RPL28, RPL41, RPLP1
mP4	DNA Replication	BRCA2, PCNA, CDK1, BLM, FAM11B, CLSPN, DNA2, FEN1
mP5	Angiogenic Process	ADAM8, EPHB2, WNT7B, MYLK, PKM, ADGRG1, ANGPTL4, ROBO4, NOX5
mP6	Cell Division	CENPA, NEK2, KIF20A, CCNB1, CCNA2, NUF2, NDC80, CENPE

C



D

Experimental 4T1Br model



E

Program	Annotation	Selected Genes
mP1_4T1Br	Oxidative Phosphorylation / Response to Oxidative Stress	mt-Atp6, Fxn, mt-Cytb, mt-Co1, mt-Co2, mt-Nd3, Hbb-bs, Hba-a2
mP2_4T1Br	Cell Cycle / DNA Replication	Atrx, Pcm1, Ccdc88a, Cep290, Kcnq1ot1, Bod11, Rad50, Cep290
mP3_4T1Br	Axon Guidance / Translation	Spns1, Lars2, Eif1ax, Actb, Rps12, Arpc4, Arpc2, Ppa1, Ppa2
mP4_4T1Br	Cell Division / Mitosis	Top2a, Hist2h2ac, Mki67, Cenpf, Hmgb2, H2ax, Cdkn2d, Smc2
mP5_4T1Br	Developmental Growth	Ppargc1a, Aplp1, Atp2b4, Ckb, Gnao1, Acvr2b, Fgfr1, Gas6
mP6_4T1Br	Angiogenic Process	Cxcl12, Ptprg, Slc38a3, Ramp2, Dll4, Flt1, Vwa1, Ptn, Ramp2

F

