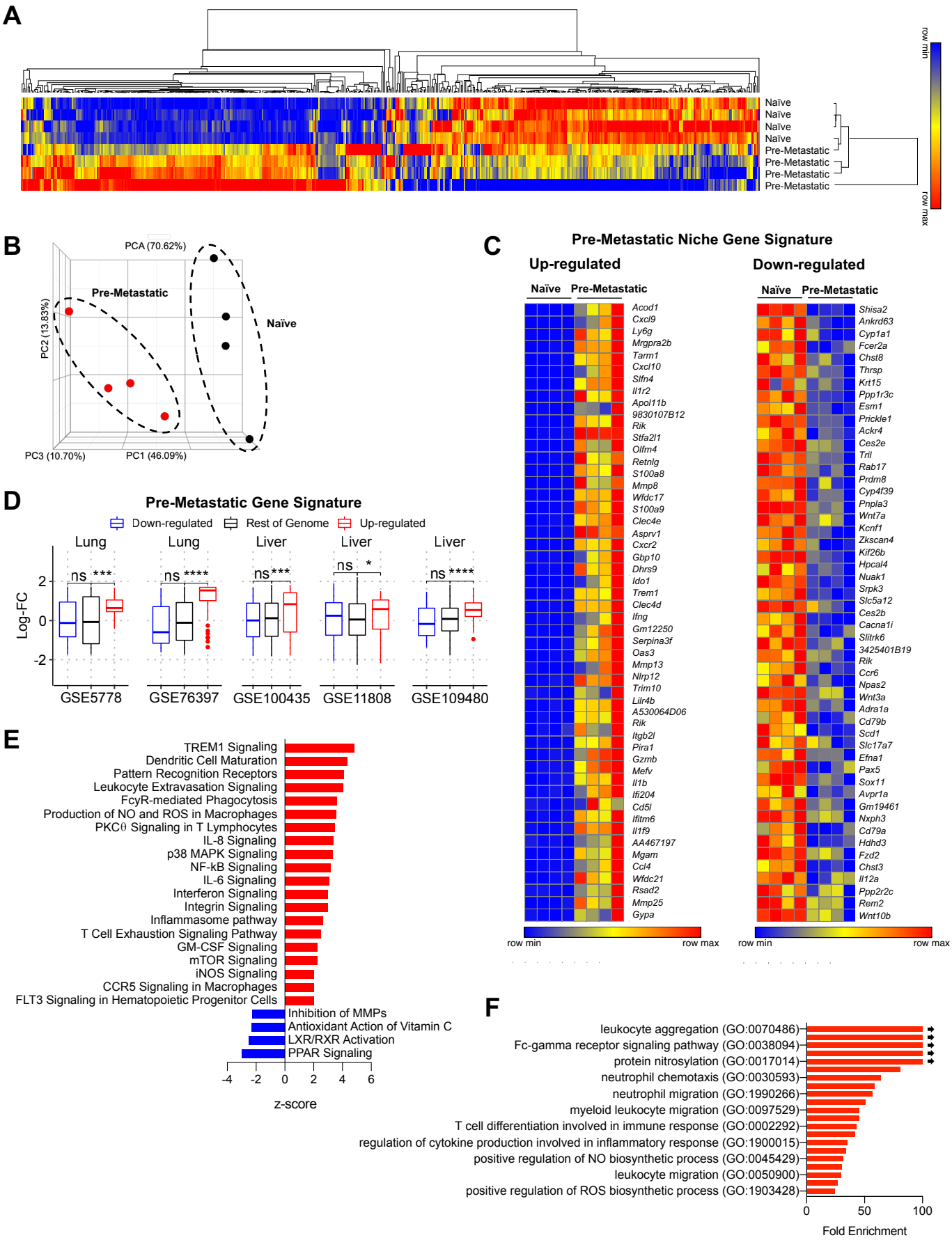
Figure S2


A
Naïve
Naïve
Naïve
Naïve
Pre-Metastatic
Pre-Metastatic
Pre-Metastatic
Pre-Metastatic
row min
row max
B
PCA (70.62%)
Pre-Metastatic
Naïve
PC2 (13.83%)
PC3 (10.70%)
PC1 (46.09%)
C
Pre-Metastatic Niche Gene Signature
Up-regulated
Down-regulated
Naïve
Pre-Metastatic
Acod1
Cxcl9
Ly6g
Mrgpra2b
Tarm1
Cxcl10
Slfn4
Il1r2
Apol11b
9830107B12 Rik
Stfa2l1
Olfm4
Retnlg
S100a8
Mmp8
Wfdc17
S100a9
Clec4e
Asprv1
Cxcr2
Gbp10
Dhrs9
Ido1
Trem1
Clec4d
Ifng
Gm12250
Serpina3f
Oas3
Mmp13
Nlrp12
Trim10
Lilr4b
A530064D06 Rik
Itgb2l
Pira1
Gzmb
Mefv
Il1b
Ifi204
Cd5l
Ifitm6
Il1f9
AA467197
Mgam
Ccl4
Wfdc21
Rsad2
Mmp25
Gypa
Shisa2
Ankrd63
Cyp1a1
Fcer2a
Chst8
Thrsp
Krt15
Ppp1r3c
Esm1
Prickle1
Ackr4
Ces2e
Tril
Rab17
Prdm8
Cyp4f39
Pnpla3
Wnt7a
Kcnf1
Zkscan4
Kif26b
Hpcal4
Nuak1
Srpk3
Slc5a12
Ces2b
Cacna1i
Slitrk6
3425401B19 Rik
Ccr6
Npas2
Wnt3a
Adra1a
Cd79b
Scd1
Slc17a7
Efna1
Pax5
Sox11
Avpr1a
Gm19461
Nxph3
Cd79a
Hdhd3
Fzd2
Chst3
Il12a
Ppp2r2c
Rem2
Wnt10b
row min
row max
D
Pre-Metastatic Gene Signature
Down-regulated
Rest of Genome
Up-regulated
Lung
Lung
Liver
Liver
Liver
Log-FC
ns ***
ns ****
ns ***
ns *
ns ****
GSE5778
GSE76397
GSE100435
GSE11808
GSE109480
E
TREM1 Signaling
Dendritic Cell Maturation
Pattern Recognition Receptors
Leukocyte Extravasation Signaling
FcyR-mediated Phagocytosis
Production of NO and ROS in Macrophages
PKCθ Signaling in T Lymphocytes
IL-8 Signaling
p38 MAPK Signaling
NF-kB Signaling
IL-6 Signaling
Interferon Signaling
Integrin Signaling
Inflammasome pathway
T Cell Exhaustion Signaling Pathway
GM-CSF Signaling
mTOR Signaling
iNOS Signaling
CCR5 Signaling in Macrophages
FLT3 Signaling in Hematopoietic Progenitor Cells
Inhibition of MMPs
Antioxidant Action of Vitamin C
LXR/RXR Activation
PPAR Signaling
z-score
F
leukocyte aggregation (GO:0070486)
Fc-gamma receptor signaling pathway (GO:0038094)
protein nitrosylation (GO:0017014)
neutrophil chemotaxis (GO:0030593)
neutrophil migration (GO:1990266)
myeloid leukocyte migration (GO:0097529)
T cell differentiation involved in immune response (GO:0002292)
regulation of cytokine production involved in inflammatory response (GO:1900015)
positive regulation of NO biosynthetic process (GO:0045429)
leukocyte migration (GO:0050900)
positive regulation of ROS biosynthetic process (GO:1903428)
Fold Enrichment