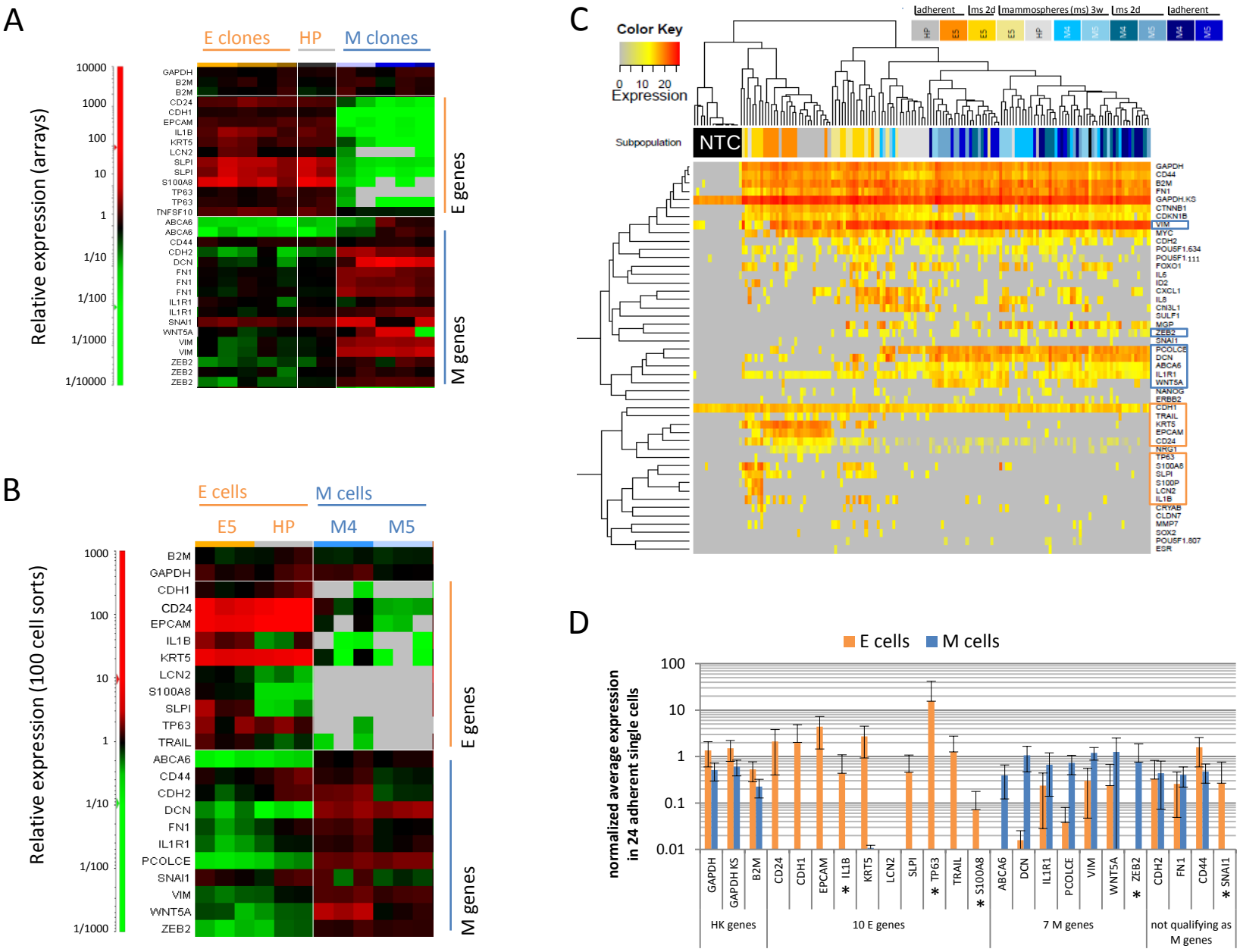
S5 Figure


A
E clones
HP
M clones
Relative expression (arrays)
10000
1000
100
10
1
1/10
1/100
1/1000
1/10000
GAPDH
B2M
B2M
CD24
CDH1
EPCAM
IL1B
KRT5
LCN2
SLPI
SLPI
S100A8
TP63
TP63
TNFSF10
ABCA6
ABCA6
CD44
CDH2
DCN
FN1
FN1
FN1
IL1R1
IL1R1
SNAI1
WNT5A
VIM
VIM
ZEB2
ZEB2
ZEB2
E genes
M genes
B
E cells
M cells
E5
HP
M4
M5
Relative expression (100 cell sorts)
1000
100
10
1
1/10
1/100
1/1000
B2M
GAPDH
CDH1
CD24
EPCAM
IL1B
KRT5
LCN2
S100A8
SLPI
TP63
TRAIL
ABCA6
CD44
CDH2
DCN
FN1
IL1R1
PCOLCE
SNAI1
VIM
WNT5A
ZEB2
E genes
M genes
C
Color Key
0 10 20
Expression
adherent
ms 2d
mammospheres (ms) 3w
ms 2d
adherent
Subpopulation
NTC
GAPDH
CD44
B2M
FN1
GAPDH.KS
CTNNB1
CDKN1B
VIM
MYC
CDH2
POU5F1.634
POU5F1.111
FOXO1
IL6
ID2
CXCL1
IL8
Chi3L1
SULF1
MGP
ZEB2
SNAI1
PCOLCE
DCN
ABCA6
IL1R1
WNT5A
NANOG
ERBB2
CDH1
TRAIL
KRT5
EPCAM
CD24
NRG1
TP63
S100A8
SLPI
S100P
LCN2
IL1B
CRYAB
CLDN7
MMP7
SOX2
POU5F1.807
ESR
D
E cells
M cells
normalized average expression in 24 adherent single cells
100
10
1
0.1
0.01
GAPDH
GAPDH KS
B2M
CD24
CDH1
EPCAM
* IL1B
KRT5
LCN2
SLPI
* TP63
TRAIL
* S100A8
ABCA6
DCN
IL1R1
PCOLCE
VIM
WNT5A
* ZEB2
CDH2
FN1
CD44
* SNAI1
HK genes
10 E genes
7 M genes
not qualifying as M genes