A
MULTI-seq barcodes
Before QC
After QC
UMAP_1
UMAP_2
Doublet
Bar1
Bar2
Bar3
Bar4
Negative
B
G1
S
G2/M
Before cell cycle regression
After cell cycle regression
C
Time points
Day 0
Day 1
Day 3
Day 6
D
Populations
Prostatic
Mesonephric 1
Mesonephric 2
Bladder urothelium
Mesenchyme
Hypoxic/Stressed
E
Hypoxic/Stressed
Mesenchyme
Urothelium
Mesonephric 2
Mesonephric 1
Prostatic
Epcam Krt8 Krt5 Krt14 Krt15 Ar Shh Hoxb13 Hoxd13 Nkx3-1 Hoxb7 Wldc2 Gata3 Gata3 Sox17 Pax8 Pax2 Lhx1 Upk3a Foxq1 Krt7 Plaur Krt20 Vim Col3a1 Col1a1 Pdgfra Zeb1 Ero1l Slc24a1 Aldoa Bnip3 Hspa8
Average Expression
Percent Expressed
F
Cluster: 'Hypoxic/Stressed'
response to decreased oxygen levels GO:0036293
response to oxygen levels GO:0070482
response to hypoxia GO:0001666
response to abiotic stimulus GO:0009628
cellular response to decreased oxygen levels GO:0036294
cellular response to oxygen levels GO:0071453
cellular response to hypoxia GO:0071456
cellular response to stress GO:0033554
protein hydroxylation GO:0018126
regulation of cell death GO:0010941
-log10(p_value)
G
Day 0
Day 1
Day 3
Day 6
UMAP 1
UMAP 2
H
C0
C1
C2
C3
C4
C5
C6
C7
C8
C9
K
Diffusion Map with C9
Diffusion Map without C9
DC 1
DC 2
I
G1
S
G2/M
J
Clusters
Proportion of cells (%)