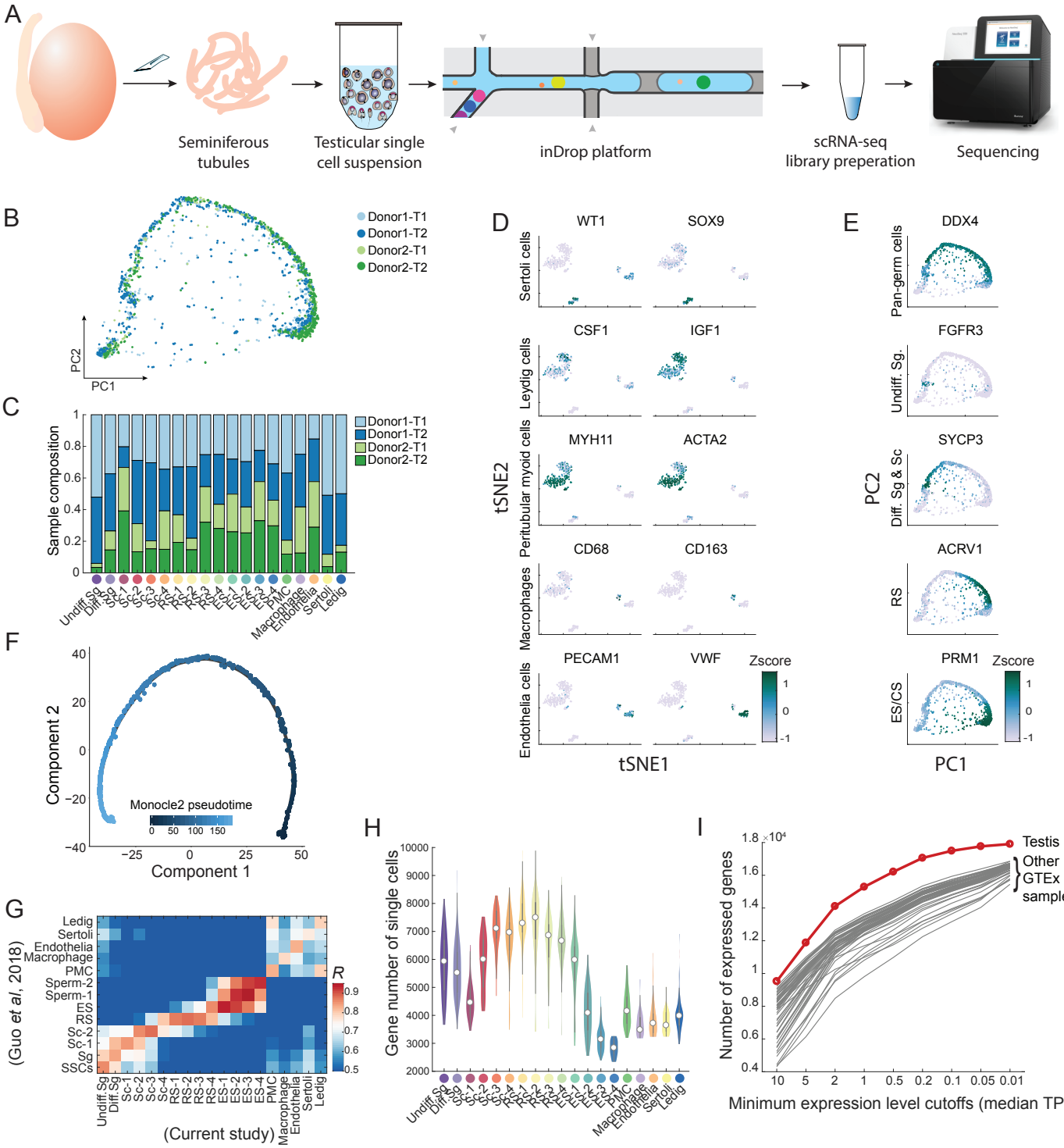
A
Seminiferous tubules
Testicular single cell suspension
inDrop platform
scRNA-seq library preperation
Sequencing
B
Donor1-T1
Donor1-T2
Donor2-T1
Donor2-T2
PC2
PC1
C
Sample composition
D
WT1
SOX9
Sertoli cells
CSF1
IGF1
Leydig cells
MYH11
ACTA2
Peritubular myoid cells
CD68
CD163
Macrophages
PECAM1
VWF
Endothelia cells
Zscore
tSNE2
tSNE1
E
DDX4
Pan-germ cells
FGFR3
Undiff. Sg.
SYCP3
Diff. Sg & Sc
ACRV1
RS
PRM1
ES/CS
PC2
PC1
F
Component 2
Component 1
Monocle2 pseudotime
G
(Guo et al, 2018)
(Current study)
R
H
Gene number of single cells
I
Number of expressed genes
Testis
Other GTEx samples
Minimum expression level cutoffs (median TPM)