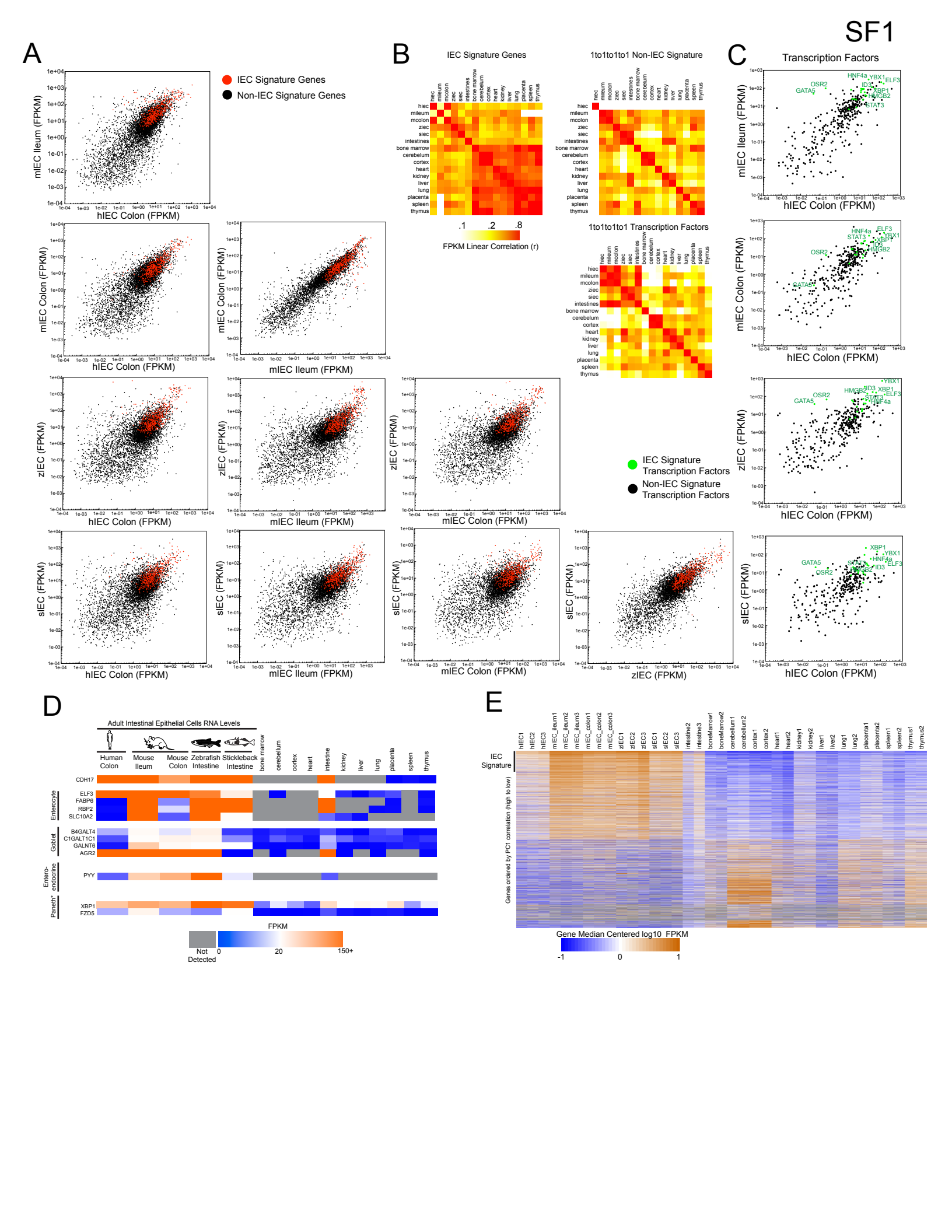
SF1
A
IEC Signature Genes
Non-IEC Signature Genes
mIEC Ileum (FPKM)
hIEC Colon (FPKM)
mIEC Colon (FPKM)
mIEC Ileum (FPKM)
zIEC (FPKM)
sIEC (FPKM)
B
IEC Signature Genes
1to1to1to1 Non-IEC Signature
1to1to1to1 Transcription Factors
hiec
mileum
mcolon
ziec
siec
intestines
bone marrow
cerebelum
cortex
heart
kidney
liver
lung
placenta
spleen
thymus
.1
.2
.8
FPKM Linear Correlation (r)
C
Transcription Factors
HNF4a
YBX1
ELF3
ID3
XBP1
HMGB2
STAT3
OSR2
GATA5
IEC Signature Transcription Factors
Non-IEC Signature Transcription Factors
D
Adult Intestinal Epithelial Cells RNA Levels
Human Colon
Mouse Ileum
Mouse Colon
Zebrafish Intestine
Stickleback Intestine
CDH17
Enterocyte
ELF3
FABP6
RBP2
SLC10A2
Goblet
B4GALT4
C1GALT1C1
GALNT6
AGR2
Entero-endocrine
PYY
Paneth*
XBP1
FZD5
FPKM
Not Detected
0
20
150+
E
IEC Signature
Genes ordered by PC1 correlation (high to low)
Gene Median Centered log10 FPKM
-1
0
1