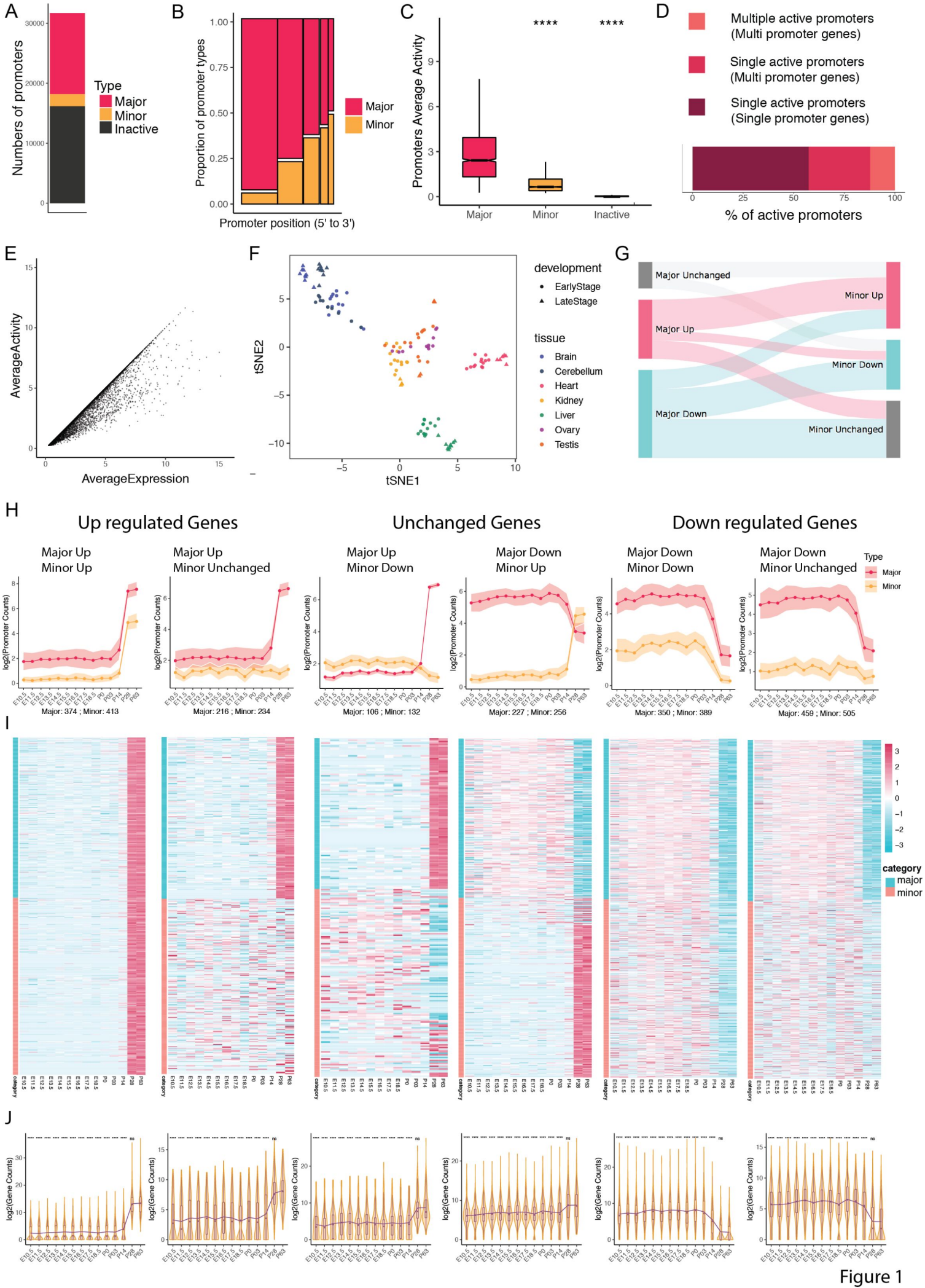
A
Numbers of promoters
Type
Major
Minor
Inactive
B
Proportion of promoter types
Promoter position (5' to 3')
Major
Minor
C
Promoters Average Activity
****
****
Major
Minor
Inactive
D
Multiple active promoters (Multi promoter genes)
Single active promoters (Multi promoter genes)
Single active promoters (Single promoter genes)
% of active promoters
E
AverageActivity
AverageExpression
F
tSNE2
tSNE1
development
EarlyStage
LateStage
tissue
Brain
Cerebellum
Heart
Kidney
Liver
Ovary
Testis
G
Major Unchanged
Major Up
Major Down
Minor Up
Minor Down
Minor Unchanged
H
Up regulated Genes
Unchanged Genes
Down regulated Genes
Major Up Minor Up
Major Up Minor Unchanged
Major Up Minor Down
Major Down Minor Up
Major Down Minor Down
Major Down Minor Unchanged
Type
Major
Minor
log2(Promoter Counts)
Major: 374 ; Minor: 413
Major: 216 ; Minor: 234
Major: 106 ; Minor: 132
Major: 227 ; Minor: 256
Major: 350 ; Minor: 389
Major: 459 ; Minor: 505
I
category
major
minor
J
log2(Gene Counts)

Figure 1