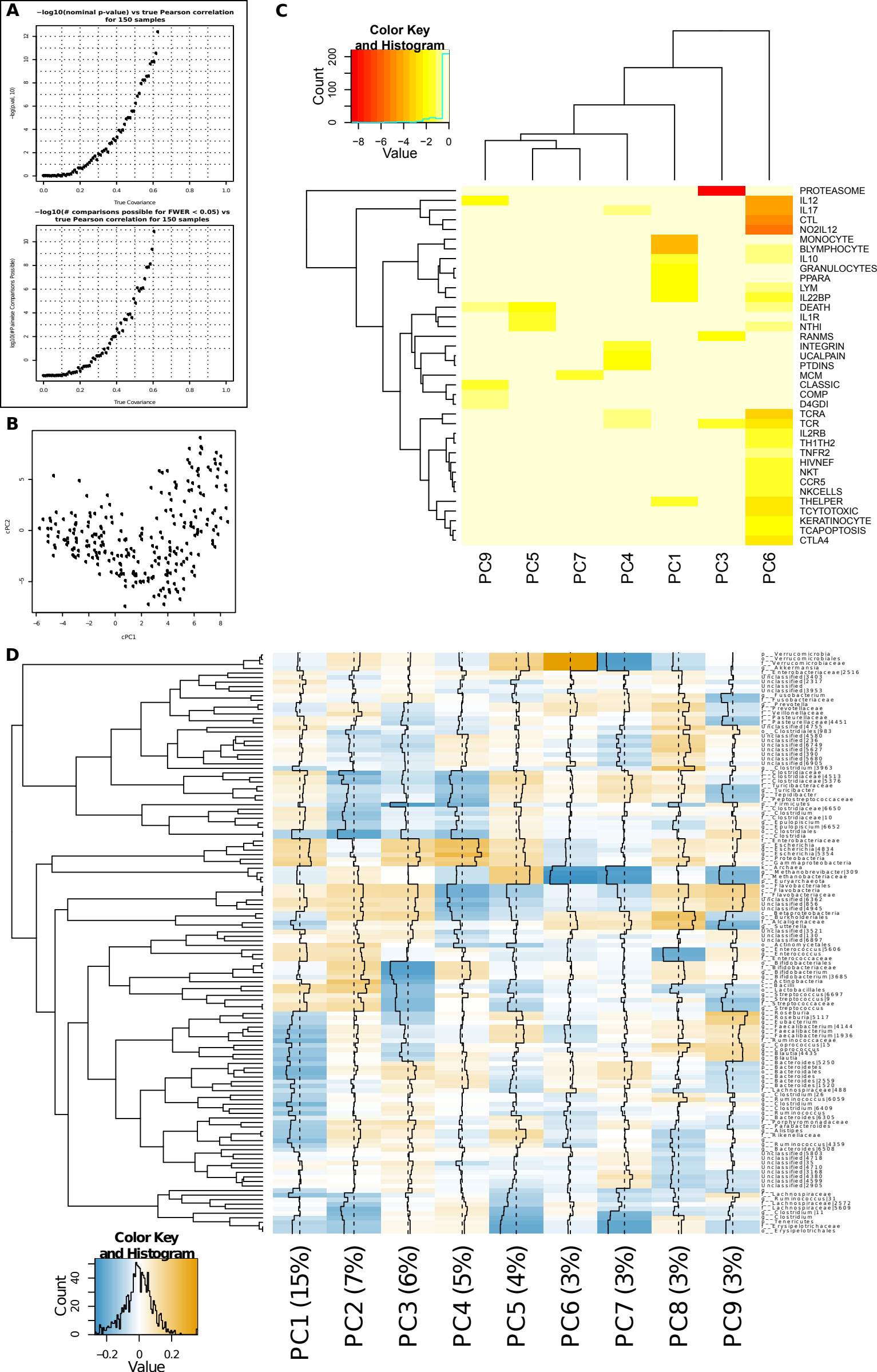
A
−log10(nominal p-value) vs true Pearson correlation for 150 samples
−log10(val, 10)
True Covariance
−log10(# comparisons possible for FWER < 0.05) vs true Pearson correlation for 150 samples
log10(#Pairwise Comparisons Possible)
True Covariance
B
cPC2
cPC1
C
Color Key and Histogram
Count
Value
PROTEASOME
IL12
IL17
CTL
NO2IL12
MONOCYTE
BLYMPHOCYTE
IL10
GRANULOCYTES
PPARA
LYM
IL22BP
DEATH
IL1R
NTHI
RANMS
INTEGRIN
UCALPAIN
PTDINS
MCM
CLASSIC
COMP
D4GDI
TCRA
TCR
IL2RB
TH1TH2
TNFR2
HIVNEF
NKT
CCR5
NKCELLS
THELPER
TCYTOTOXIC
KERATINOCYTE
TCAPOPTOSIS
CTLA4
PC9
PC5
PC7
PC4
PC1
PC3
PC6
D
Color Key and Histogram
Count
Value
PC1 (15%)
PC2 (7%)
PC3 (6%)
PC4 (5%)
PC5 (4%)
PC6 (3%)
PC7 (3%)
PC8 (3%)
PC9 (3%)