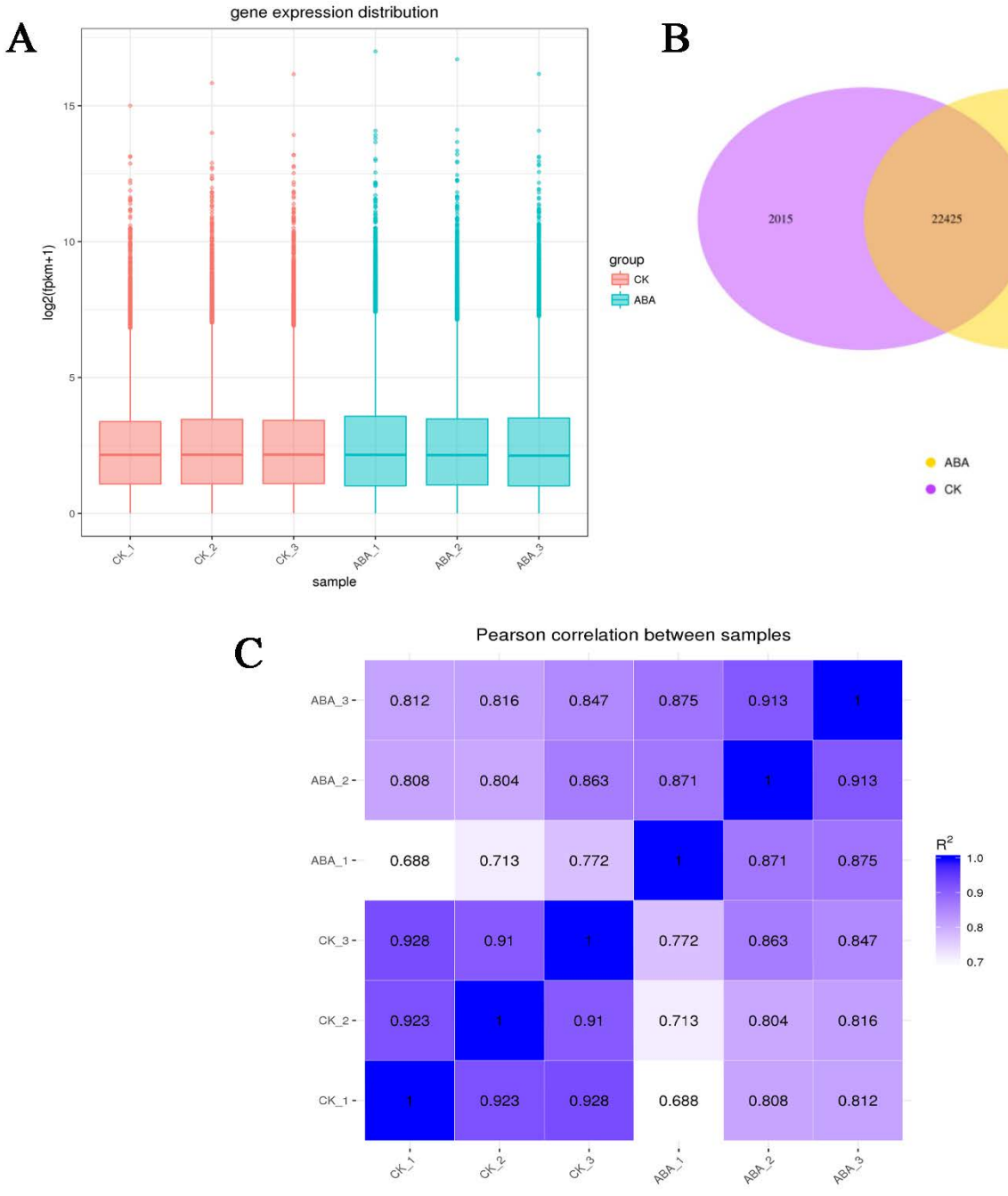

A
gene expression distribution
log2(fpkm+1)
15
10
5
0
CK_1
CK_2
CK_3
ABA_1
ABA_2
ABA_3
sample
group
CK
ABA
B
2015
22425
1719
ABA
CK
C
Pearson correlation between samples
ABA_3 0.812 0.816 0.847 0.875 0.913 1
ABA_2 0.808 0.804 0.863 0.871 1 0.913
ABA_1 0.688 0.713 0.772 1 0.871 0.875
CK_3 0.928 0.91 1 0.772 0.863 0.847
CK_2 0.923 1 0.91 0.713 0.804 0.816
CK_1 1 0.923 0.928 0.688 0.808 0.812
CK_1
CK_2
CK_3
ABA_1
ABA_2
ABA_3
R2
1.0
0.9
0.8
0.7