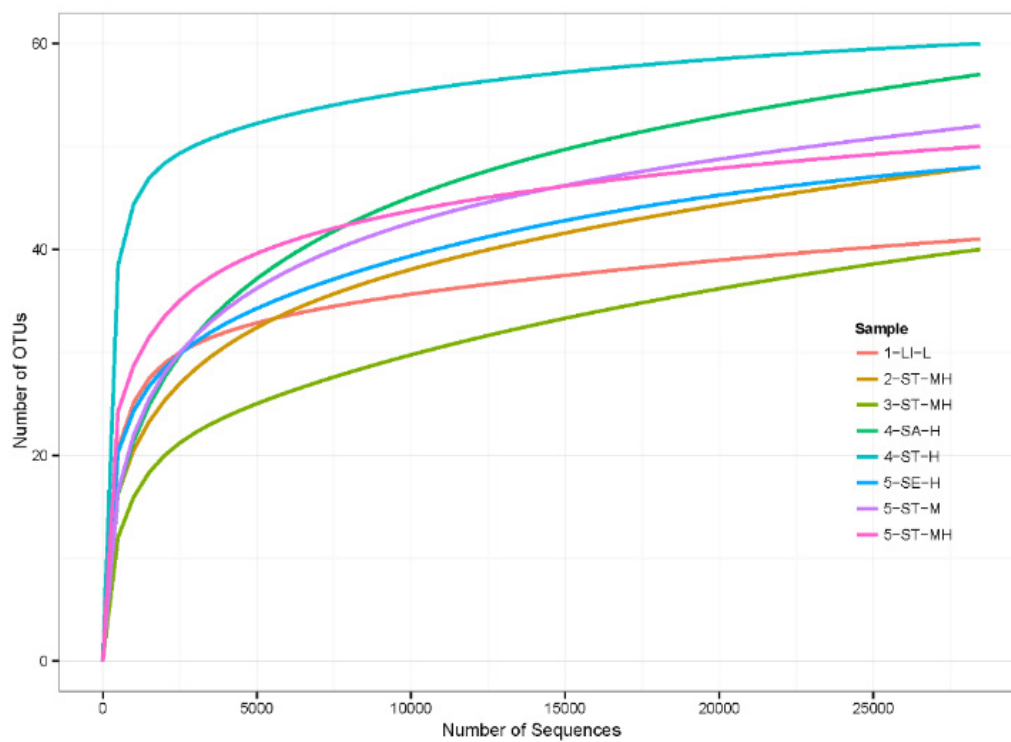
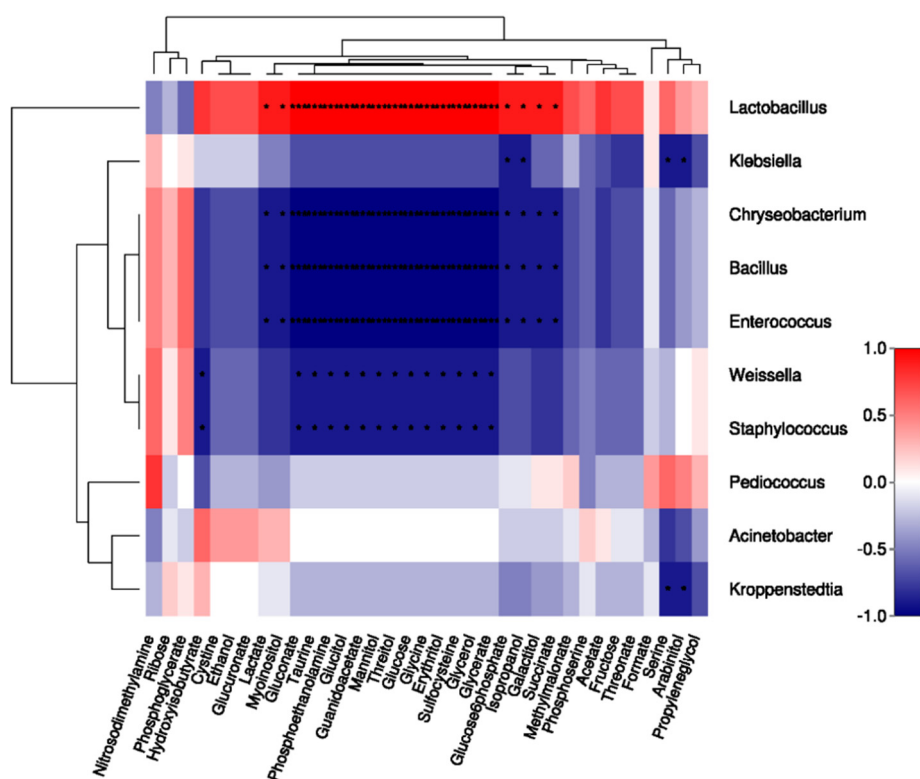


(a)

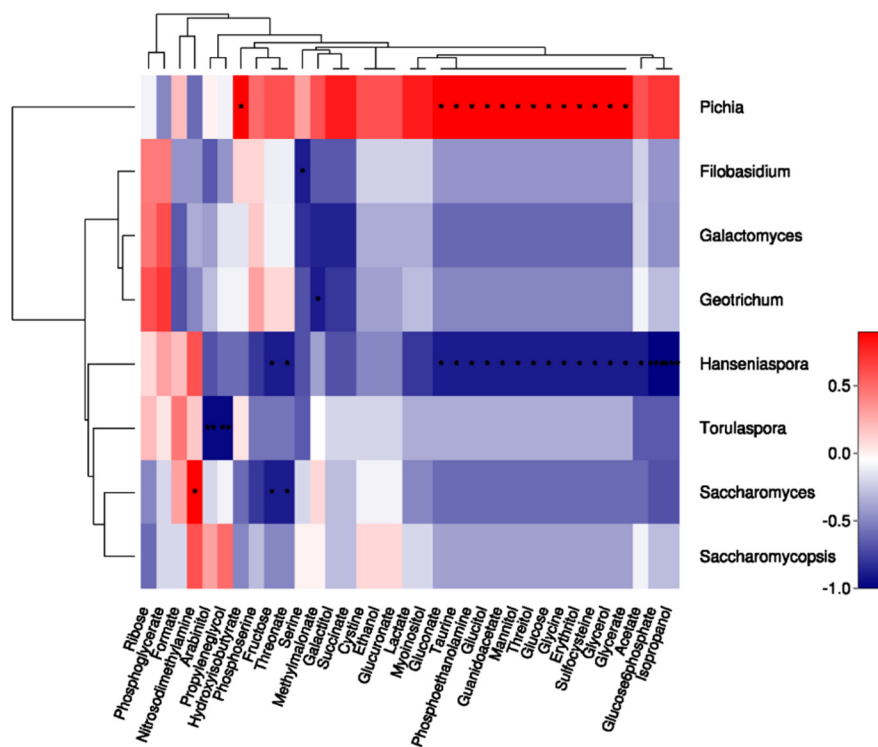


(b)

Figure S1. Rarefaction curves of samples. (a) bacterial 16S rRNA gene; (b) fungal ITS domain of rRNA gene.



(a)



(b)

Figure S2. Correlation of microbial community and non-volatile metabolites during fermentation. (a) correlation of bacterial community and metabolites during fermentation; (b) correlation of fungal community and metabolites during fermentation.