

Supplemental figure captions

Figure S1 (A) Pit mud samples were collected from Henan province, China. (B) Sampling locations of pit muds in the fermentation pit.

Figure S2 Rarefaction curve was shown all pit mud samples.

Figure S3 Relative abundance for all pit mud samples at phylum level.

Figure S4 Relative abundance for all pit mud samples at class level.

Figure S5 Relative abundance for all pit mud samples at genus level.

Figure S6 The results of linear discriminant analysis (LDA) effect size (LEfSe) algorithm. The cutoff LDA score was 4.0.

Figure S7 Relative importance of different assembly processes within bins grouped by equal pH gradient.

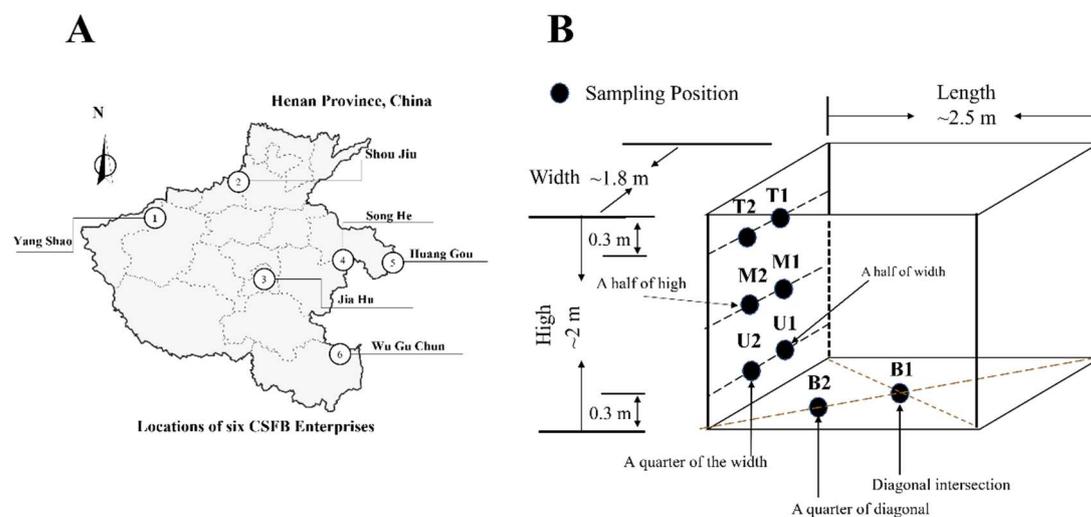


Figure S1

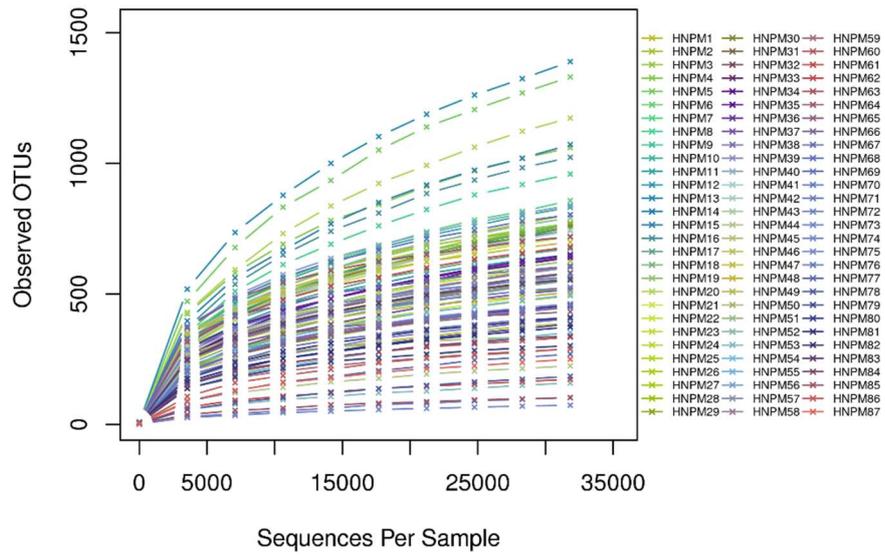


Figure S2

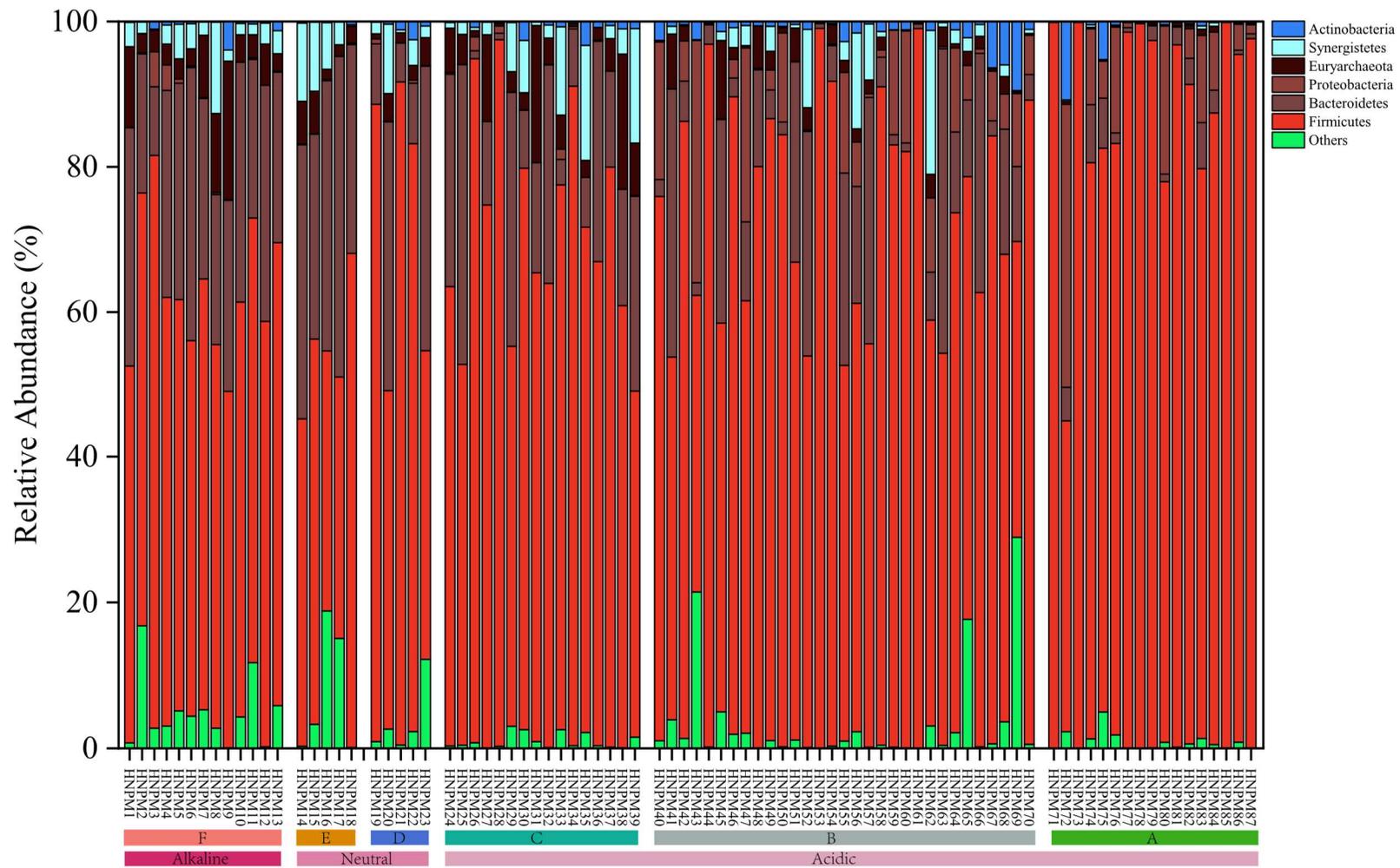


Figure S3

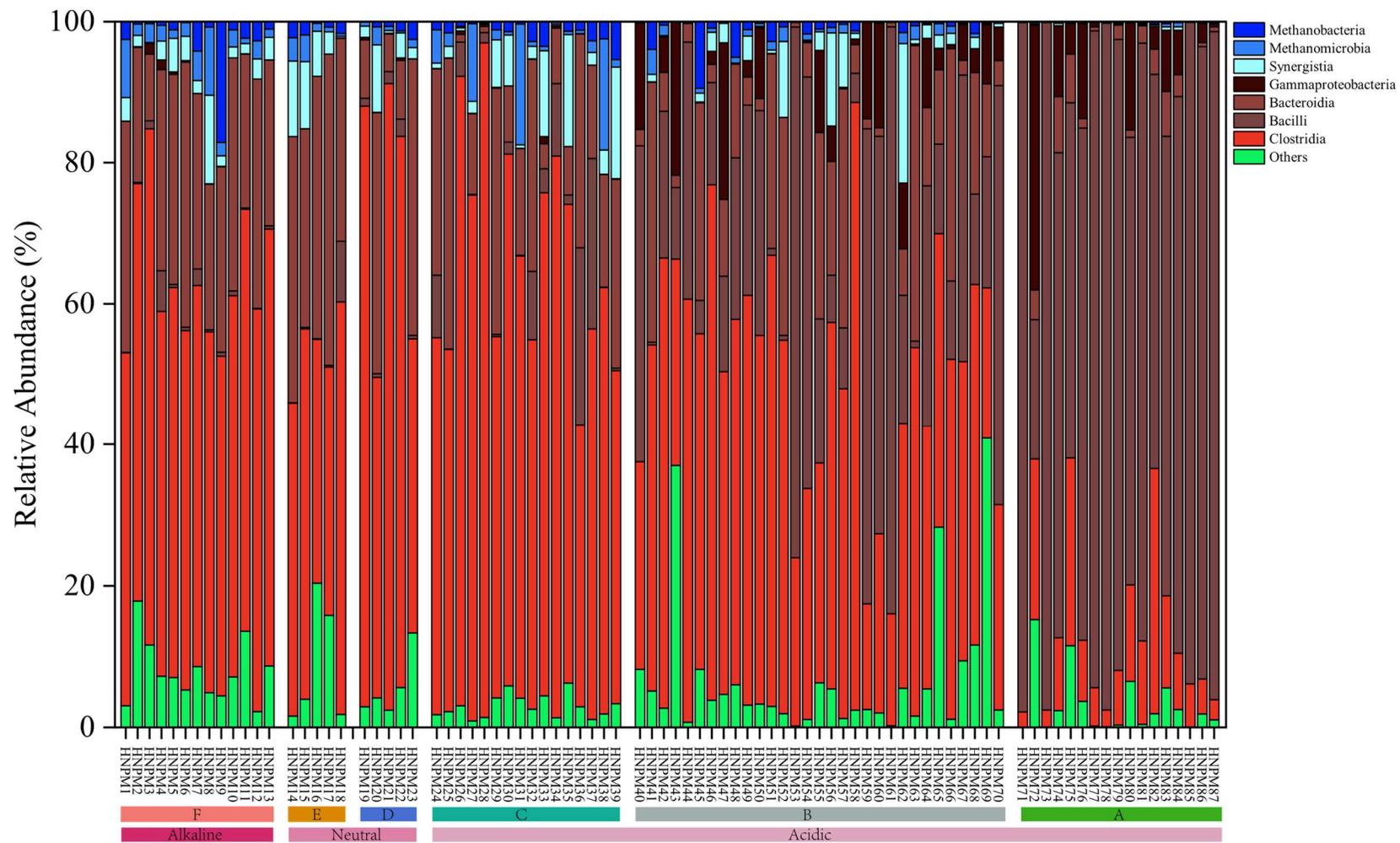


Figure S4

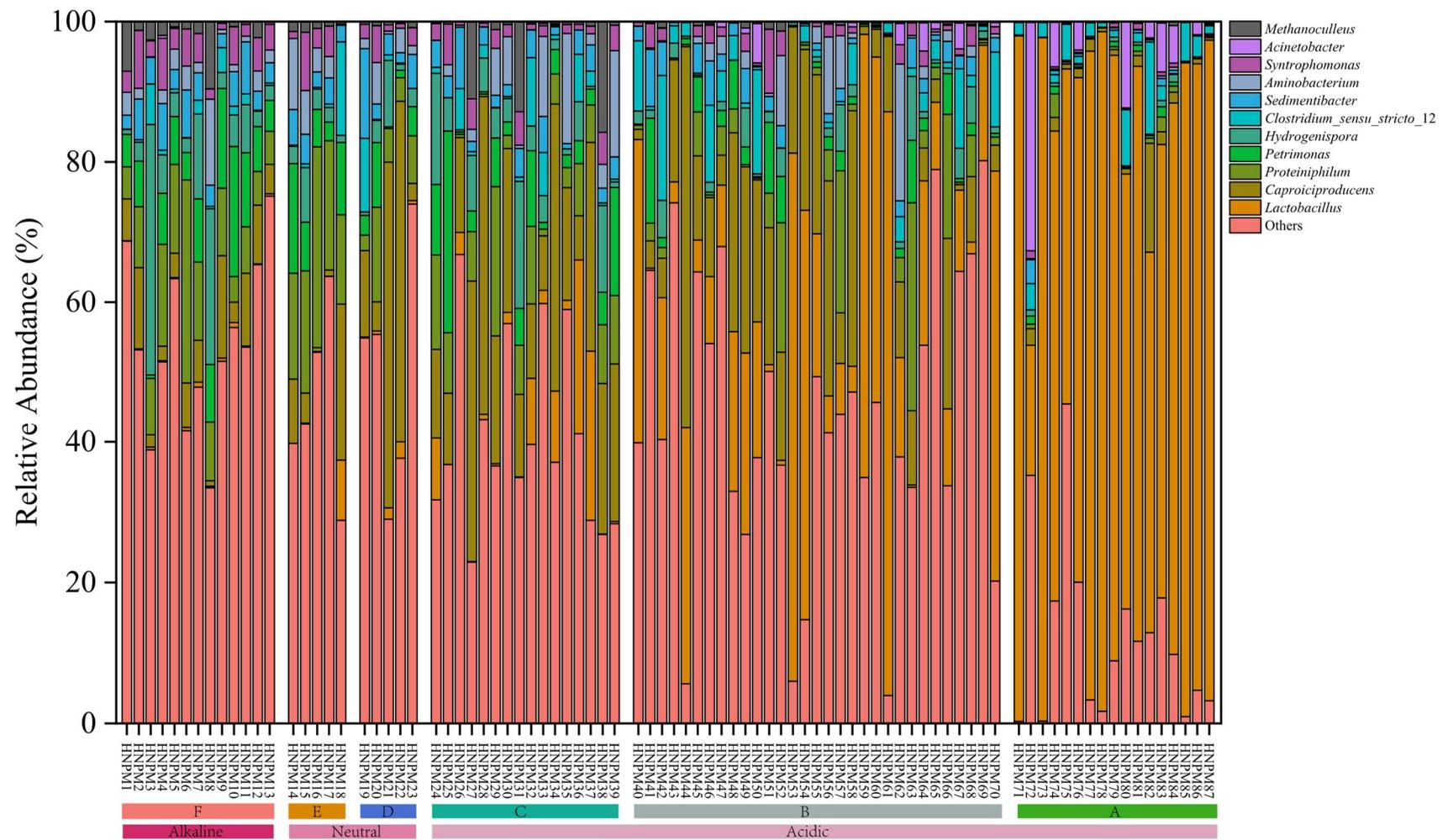


Figure S5

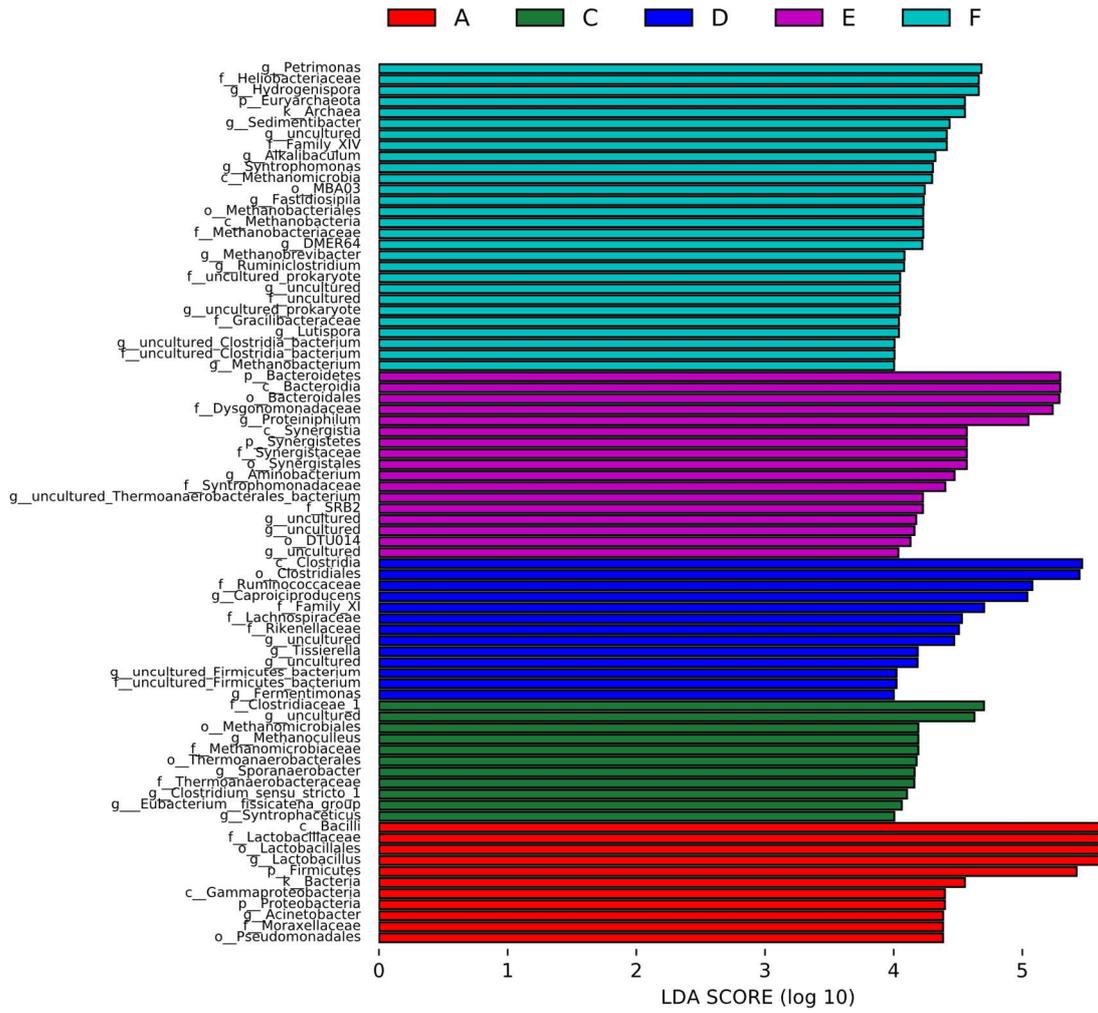


Figure S6

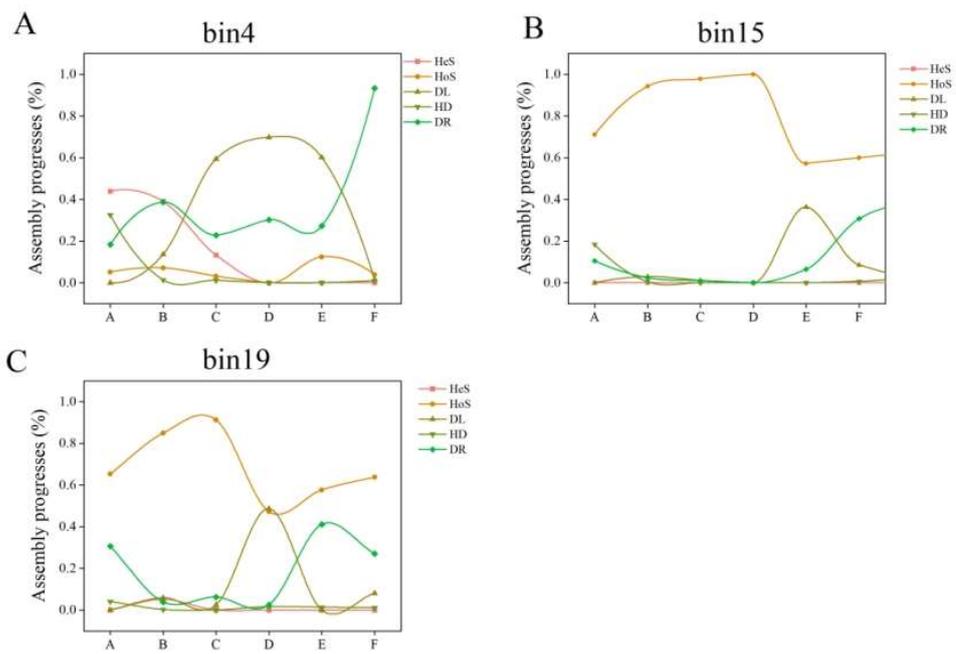


Figure S7