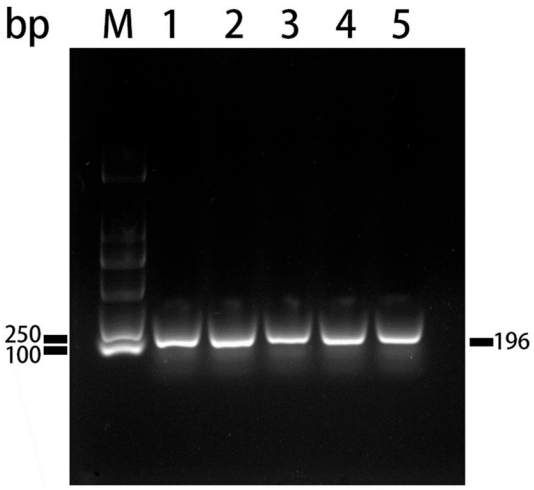


Figure S1 Gel images of total bacterial PCR products obtained from samples treated with different PMA concentrations

1~5: 0, 50, 100, 150, 200 μmol/L PMA treatment

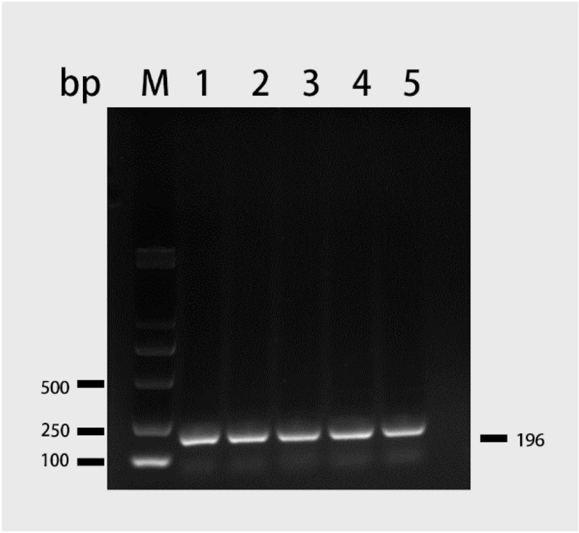


Figure S2 Gel images of total bacterial PCR products obtained from samples treated with different dark incubation treatments

1~5: 0, 5, 10, 15, 20 min dark incubation treatments

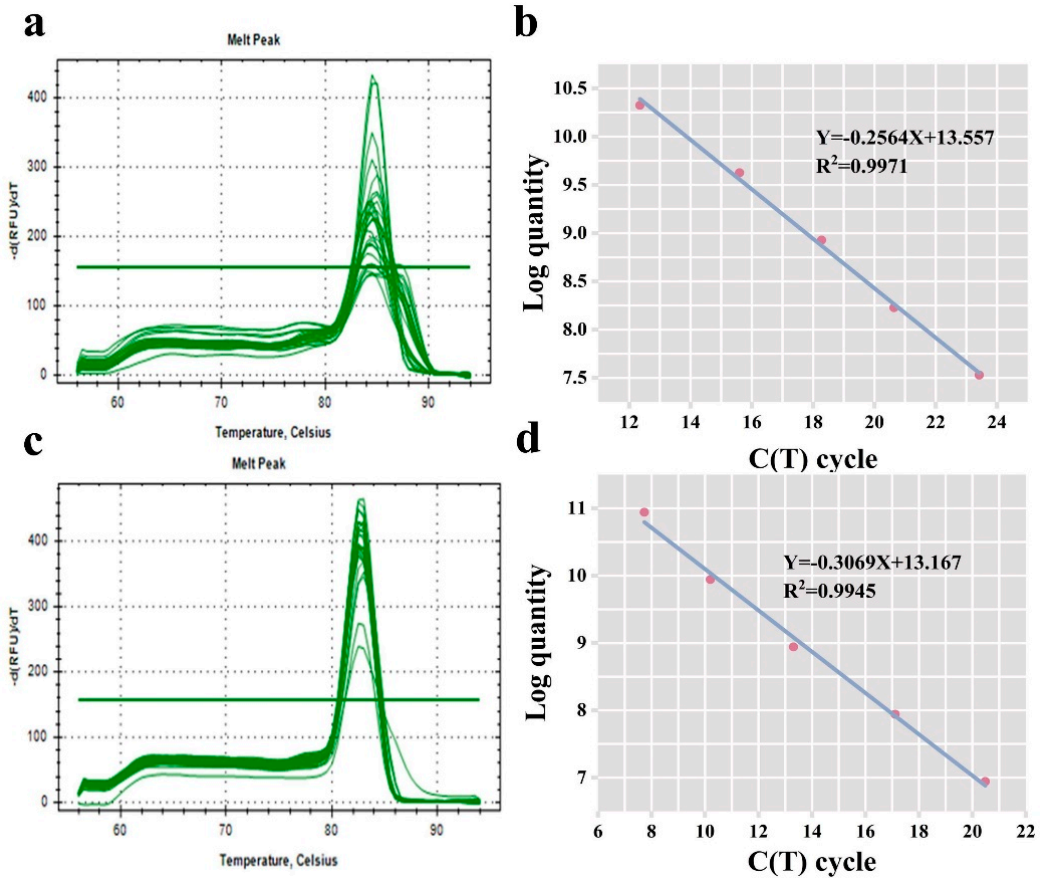


Figure S3The melting curve and standard curve for quantitative analysis of bacteria and fungi during the fermentation process.

a,c. Melting curve analysis of qPCR products of bacteria and fungi; b,d. The standard curve for quantifying bacteria and fungi

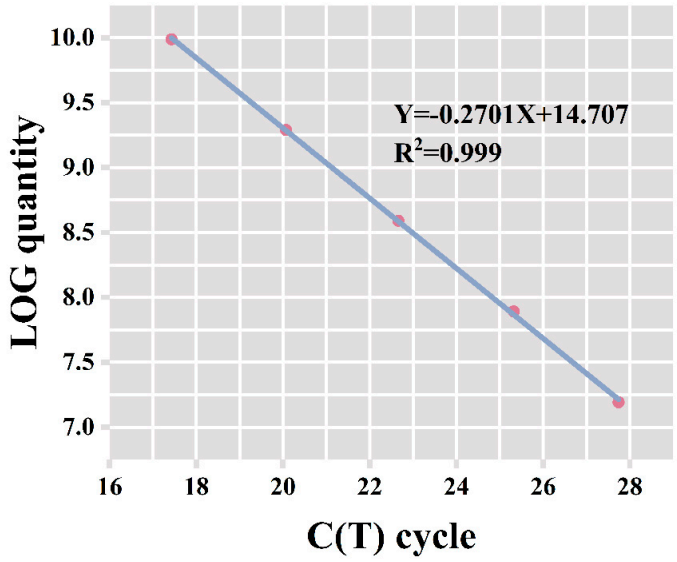


Figure S4 The standard curve for quantifying bacteria under different concentrations of PMA treatment.

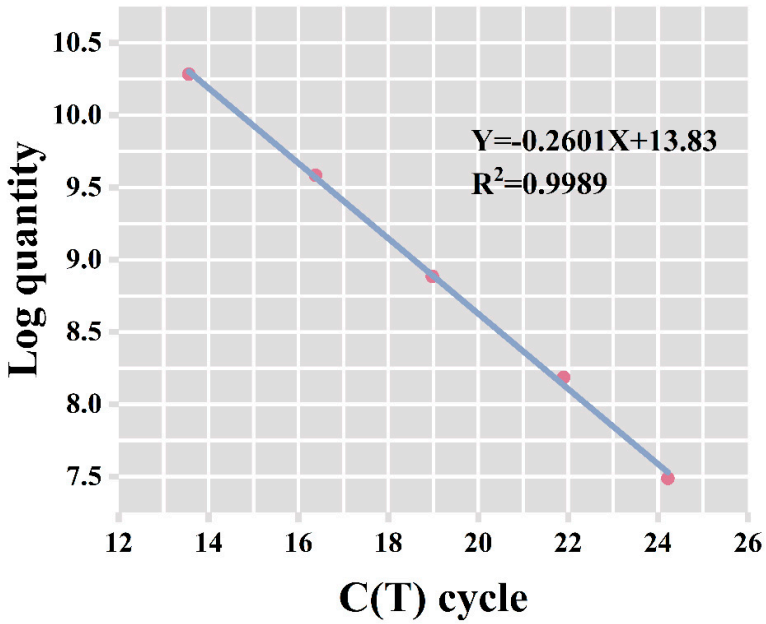


Figure S5 The standard curve for quantifying bacteria under different dark incubation time treatment

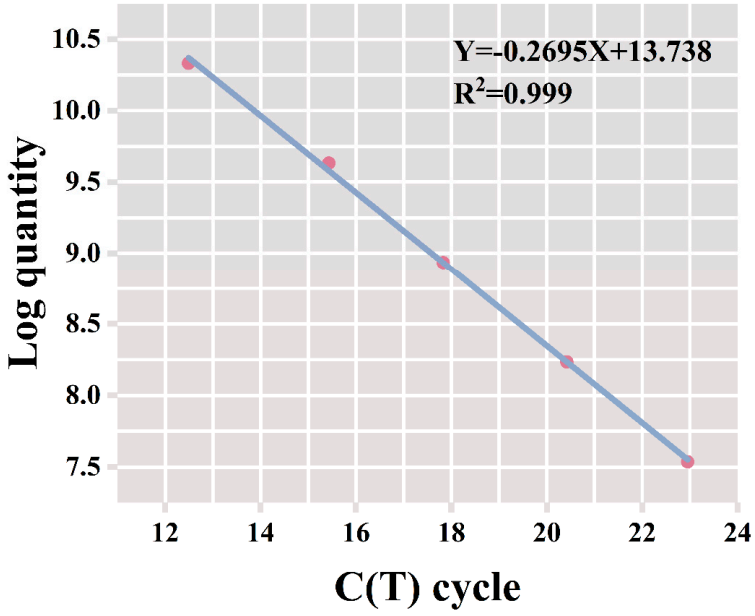


Figure S6 The standard curve for quantifying bacteria under different exposure time treatments.

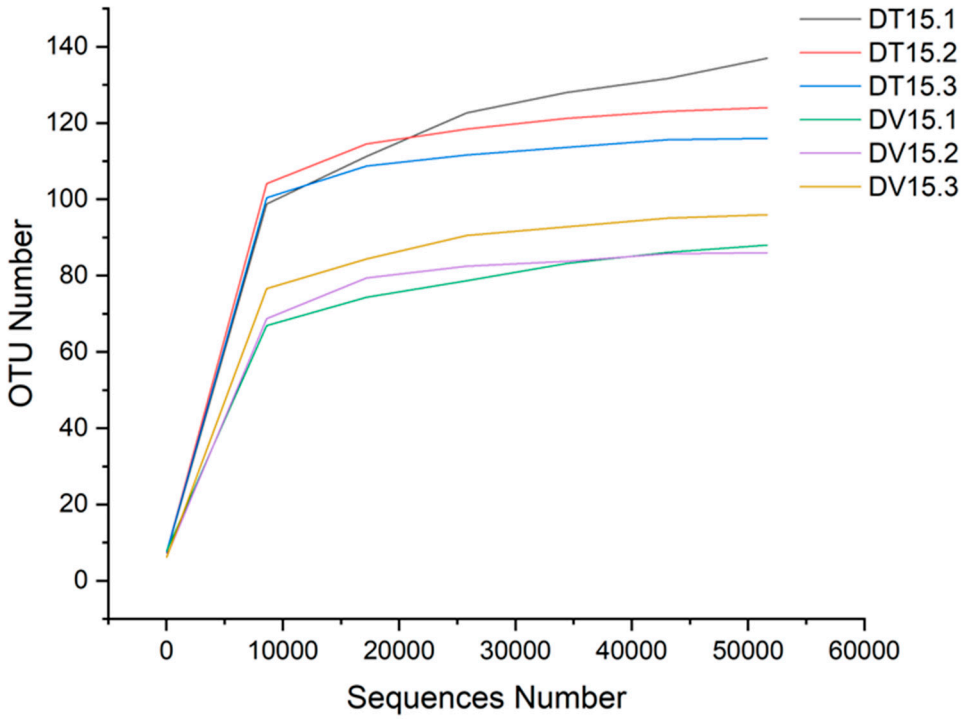


Figure S7 Rarefaction curves of amplicon sequencing