

Electronic Supplementary Information

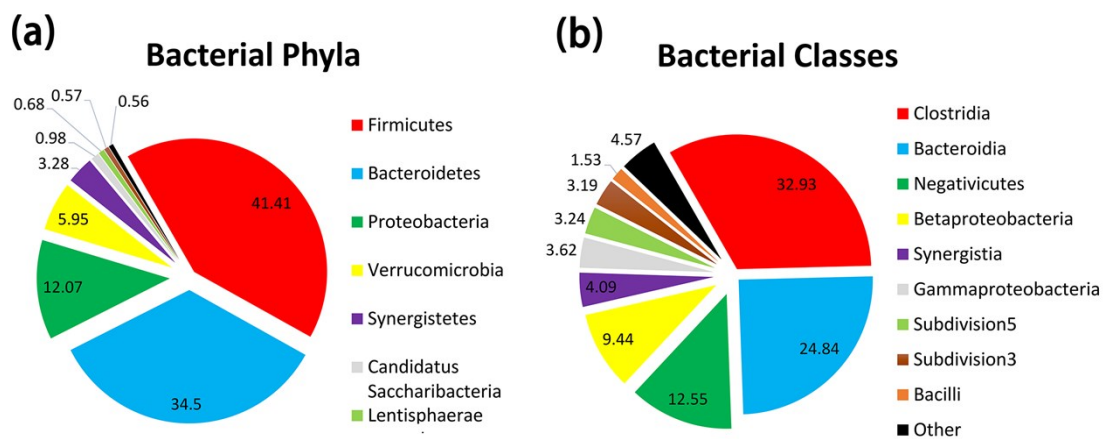


Fig. S1. Relative abundance and diversity of bacterial phylum and classes of rumen bacteria used.

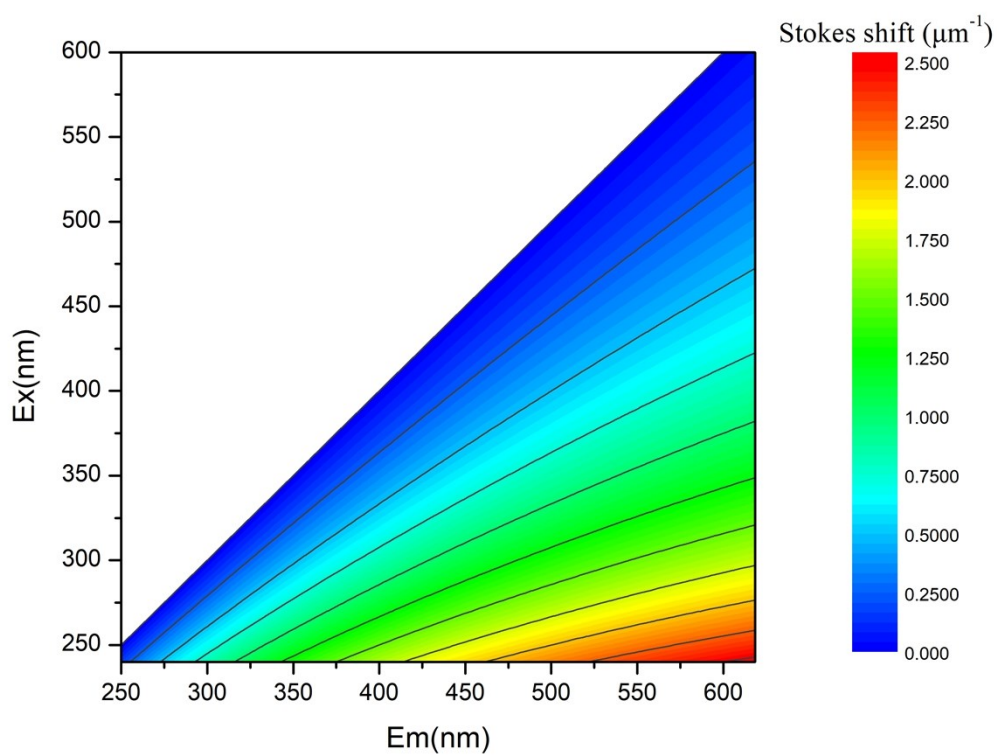


Fig. S2. Contour map of Stokes shift.

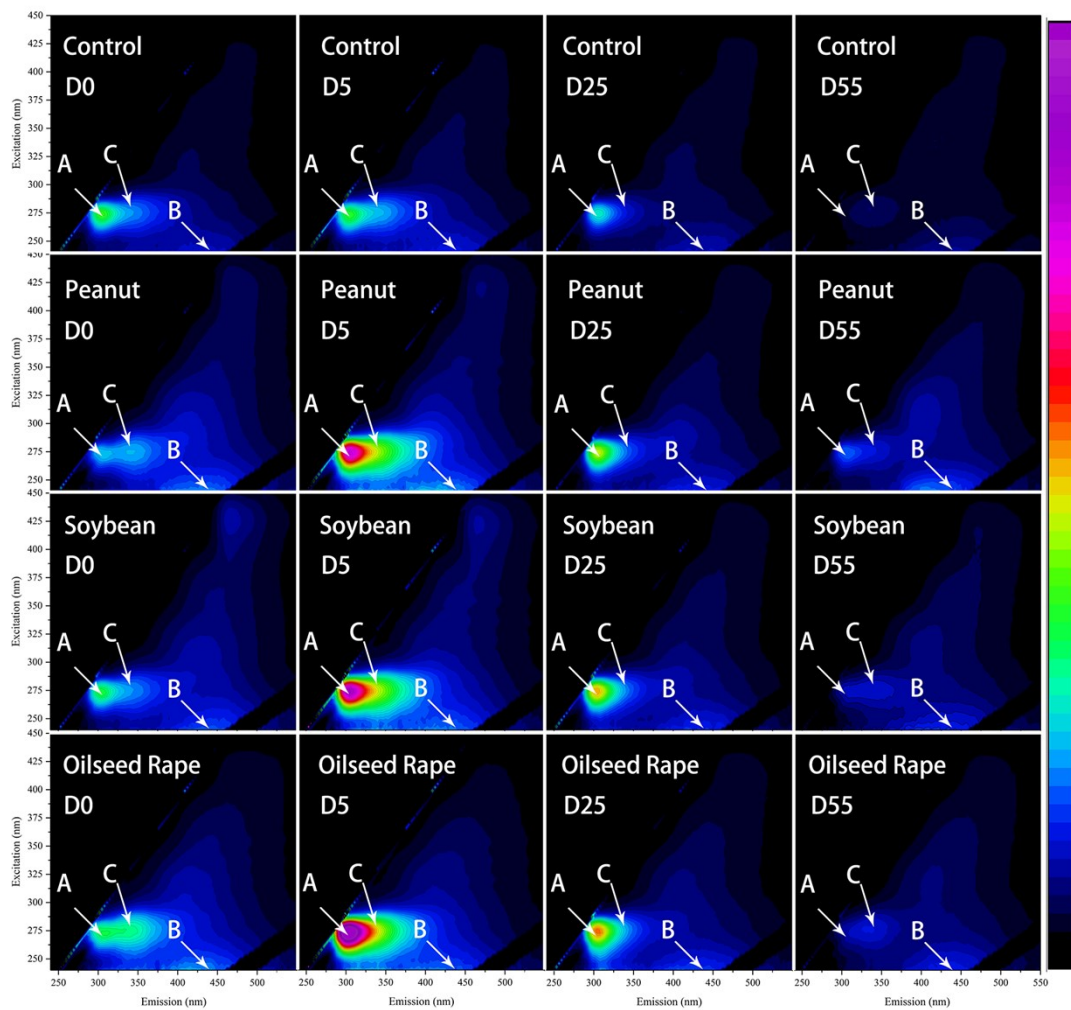


Fig. S3. Fluorescence EEMs of DOM in D₀, D₅, D₂₅, and D₅₅ samples during anaerobic digestion of oil crop straw.

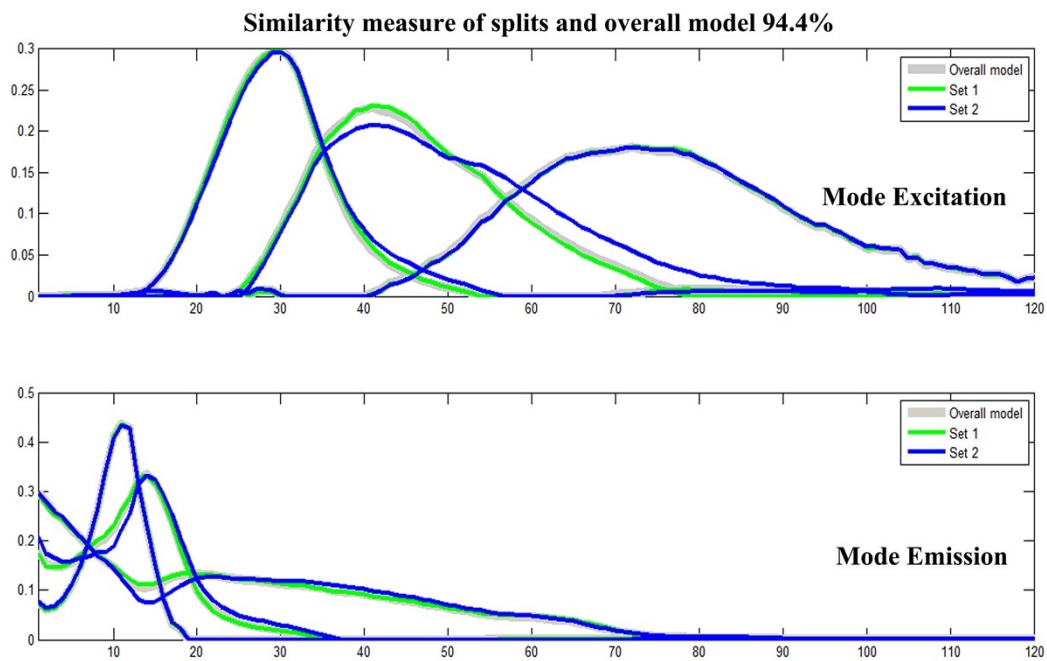


Fig.S4 split half validation of the three fluorescent components via PARAFAC analysis