



**Figure S2.** Relative abundances of *Alphaproteobacteria* (A), *Betaproteobacteria* (B), *Gammaproteobacteria* (C) and *Deltaproteobacteria* (D) at 0-20 and 20-90 cm depths under different long-term fertilizer treatments. Values at 20-90 cm depths are weighted means. CK: no fertilizer; CF: NPK fertilizer; CFM: NPK fertilizer combined with farmyard manure. Error bars represent the standard error of the mean.