Fig. S1. Total NH$_4^+$-N (a) and NO$_3^-$-N (b) measured in soil during the 42-days incubation. WS: wheat straw; B350: biochar produced from WS by slow pyrolysis at highest heating temperature (HHT) of 350 °C; B550 biochar produced from WS by slow pyrolysis at HHT of 550 °C. UR: Soil fertilized with urea only; Control: not fertilized soils. Urea fertilization (51 mg N kg$^{-1}$ soil) was performed at day 14 in BC550, BC350, WS and UR treatments; Glucose addition (0.7 mg C g soil$^{-1}$) performed at day 28 in all treatments (including Control). Error bars refer to standard errors (n=3 with the exception of the last sampling with n=4).