**Supplementary figure legends**

**Figure S2:** Fourier transform infrared (FTIR) spectra of the two strains of oyster mushroom cultivated on different concentration of humic acid. S2A= V1 (P1) T1; S2B = V1 (P1) T2; S2C = V1 (P1) T3; S2D = V1 (P1) T4; S2E = V1 (P1) T5; S2F = V1 (P1) T6; S2G = V2 (P3) T1; S2H = V2 (P3) T2; S2I = V2 (P3) T3; S2J = V2 (P3) T4; S2K = V2 (P3) T5, and S2L = V2 (P3) T6.Whereas, V1 (P1) = White oyster mushroom; V2 (P3) = Phoenix oyster mushroom.