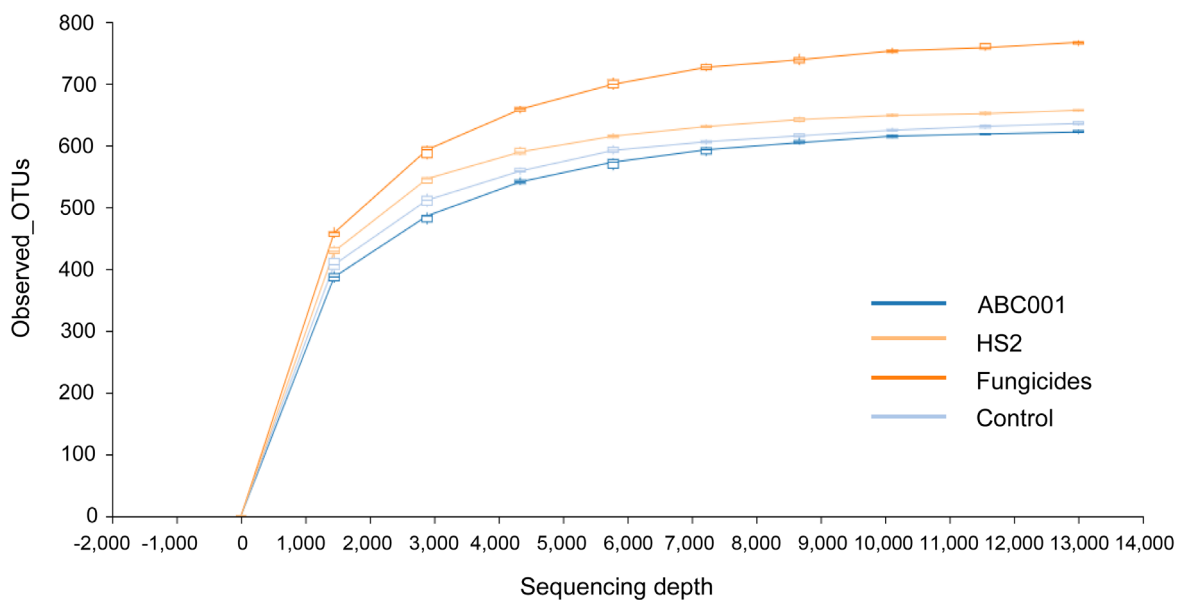


Supplementary Fig. 1. The shoot and root growth of grass plant treated *Chlorella* supernatants. ABC, ABC001 supernatant treated grass; HS2, HS2 supernatant treated grass; Fungi., the mixture of 15% azoxystrobin and 10% thiophanate-methyl treated grass; Cont., tap water.



Supplementary Fig. 2. Rarefaction curves for microbiome analysis of grass rhizosphere soil samples. ABC001, ABC001 supernatant treated grass; HS2, HS2 supernatant treated grass; Fungicides, the mixture of 15% azoxystrobin and 10% thiophanate-methyl treated grass; Control, tap water treated grass; OTU, operational taxonomic units.