

**Figure S1.** The distributions of fungal growth and OTU abundance in gymnosperms. Fungal growth is the 7-day colony radius of the representative isolate of the OTU. OTU abundance is the number of isolates of the OTU in the sample tree. An asterisk after tree code on the top of each graph indicates the significant (p < 0.05) difference between two distributions from the K-S test. Singleton OTUs in each tree was excluded from the analyses.