|  |  |  |
| --- | --- | --- |
| **Table 1. Total sequence read abundance delineating fungal OTUs significantly higher in bark (B) or wood (W) over time. Differences are significant at α= 0.1.**  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| **Time 1** | **Time 2** | **Time 3** | **Time 4** |
| Helotiales | B |   | Ballistosporomyces taupoensis | B |   | Athelia  | B |   | Chalara | B |   |
| Lecanicillium | B |   | Fellomyes  | B |   | Chytridiomycota | B |   | Coniochaeta | B |   |
| Malassezia | B |   | Fusarium  | B |   | Erythrobasidiales | B |   | Cryptosporiopsis | B |   |
| Ophiocordycipitaceae | B |   | Hyaloscyphaceae | B |   | Gaeumannomyces | B |   | Gelasinospora | B |   |
| Penicillium | B |   | Inocybe | B |   | Kazachstania | B |   | Helotiales | B |   |
| Tolypocladium | B | 6 | Ostropomycetidae | B |   | Mariannaea | B |   | Lactarius | B |   |
|   |  |   | Phaeomoniella | B |   | Microbotryomycetes | B |   | Metapochonia bulbillosa | B |   |
| Absconditella | W |   | Pleosporineae | B |   | Mucor | B |   | Mycena | B |   |
| Acrodontium | W |   | Propolis farinosa | B |   | Mycena | B |   | Septobasidium | B |   |
| Agaricostilbomycetes | W |   | Pyrenochaeta | B |   | Penicillium | B |   | Sporocadaceae | B |   |
| Antrodiella | W |   | Rhytismatales | B |   | Pyrenochaeta | B |   | Symbiotaphrina | B |   |
| Aureobasidium | W |   | Sporothrix | B |   | Sporidiobolales | B |   | Ustilaginomycotina | B | 12 |
| Beauveria | W |   | Tolypocladium | B |   | Sporothrix | B |   |   |  |   |
| Boletales | W |   | Trichosporonaceae | B | 14 | Symbiotaphrina | B | 14 | Acarosporaceae | W |   |
| Botryosphaeriales | W |   |   |  |   |   |  |   | Cerinomyces | W |   |
| Bullera | W |   | Acremonium | W |   | Agaricostilbomycetes | W |   | Cladophialophora | W |   |
| Bulleribasidiaceae | W |   | Agaricaceae | W |   | Cladosporium | W |   | Cladosporium | W |   |
| Capnobotryella renispora | W |   | Chrysozymaceae | W |   | Cystobasidiomycetes | W |   | Dacrymycetes | W |   |
| Capnodiales | W |   | Chytridiomycota  | W |   | Devriesia | W |   | Devriesia | W |   |
| Capronia | W |   | Dacrymyces  | W |   | Lophodermium | W |   | Geastrales | W |   |
| Ceramothyrium carniolicum | W |   | Devriesia | W |   | Micarea | W |   | Helicosporium | W |   |
| Cerinomyces | W |   | Didymosphaeriaceae | W |   | Oberwinklerozyma | W |   | Hortaea | W |   |
| Chionosphaera cuniculicola | W |   | Hannaella | W |   | Orbilia | W |   | Lophiostomataceae | W |   |
| Chrysozymaceae | W |   | Kockovaella | W |   | Phaeosphaeriaceae | W |   | Lophodermium | W |   |
| Chytridiomycota | W |   | Microsporomyces | W |   | Phaeotremella | W |   | Micarea | W |   |
| Cladosporium | W |   | Neocucurbitaria | W |   | Piskurozyma | W |   | Piskurozyma | W |   |
| Colacogloea  | W |   | Oberwinklerozyma | W |   | Pleosporomycetidae | W |   | Rhinocladiella | W |   |
| Coniophora | W |   | Oberwinklerozyma yarrowii | W |   | Pyrenula | W |   | Tubeufiaceae | W | 15 |
| Coniothyrium | W |   | Ochrocladosporium | W |   | Radulomyces | W |   |  |  |  |
| Cyberlindnera | W |   | Phialophora | W |   | Rhizosphaera | W |   |  |  |  |
| Cystobasidiomycetes | W |   | Phialophora sp. H30 | W |   | Squamarina gypsacea | W |   |  |  |  |
| Dacrymycetes | W |   | Piskurozyma | W |   | Trichomerium | W | 17 |  |  |  |
| Dacryobolaceae | W |   | Rhodotorula | W |   |  |  |  |  |  |  |
| Diaporthe | W |   | Slooffia | W |   |  |  |  |  |  |  |
| Didymellaceae | W |   | Teratosphaeriaceae | W |   |  |  |  |  |  |  |
| Dothideomycetes | W |   | Tulasnellaceae | W |   |  |  |  |  |  |  |
| Epicoccum | W |   | Venturiales | W |   |  |  |  |  |  |  |
| Erythrobasidium | W |   | Xylariales | W | 23 |  |  |  |  |  |  |
| Exobasidium | W |   |  |  |  |  |  |  |  |  |  |
| Fomitopsidaceae | W |   |  |  |  |  |  |  |  |  |  |
| Fonsecazyma | W |   |  |  |  |  |  |  |  |  |  |
| Fusarium  | W |   |  |  |  |  |  |  |  |  |  |
| Hortaea | W |   |  |  |  |  |  |  |  |  |  |
| Hyphoderma | W |   |  |  |  |  |  |  |  |  |  |
| Kwoniella | W |   |  |  |  |  |  |  |  |  |  |
| Lecanorales | W |   |  |  |  |  |  |  |  |  |  |
| Lophiostoma  | W |   |  |  |  |  |  |  |  |  |  |
| Lophodermium | W |   |  |  |  |  |  |  |  |  |  |
| Massarineae | W |   |  |  |  |  |  |  |  |  |  |
| Microbotryomycetes | W |   |  |  |  |  |  |  |  |  |  |
| Morenoina calamicola | W |   |  |  |  |  |  |  |  |  |  |
| Mycosphaerellaceae | W |   |  |  |  |  |  |  |  |  |  |
| Neocucurbitaria | W |   |  |  |  |  |  |  |  |  |  |
| Neopseudocercosporella capsellae | W |   |  |  |  |  |  |  |  |  |  |
| Oberwinklerozyma | W |   |  |  |  |  |  |  |  |  |  |
| Ochrocladosporium | W |   |  |  |  |  |  |  |  |  |  |
| Orbilia | W |   |  |  |  |  |  |  |  |  |  |
| Papiliotrema | W |   |  |  |  |  |  |  |  |  |  |
| Phaeosphaeriaceae | W |   |  |  |  |  |  |  |  |  |  |
| Phaeotremella | W |   |  |  |  |  |  |  |  |  |  |
| Phialophora | W |   |  |  |  |  |  |  |  |  |  |
| Phlebia | W |   |  |  |  |  |  |  |  |  |  |
| Phlebiella borealis | W |   |  |  |  |  |  |  |  |  |  |
| Piskurozyma | W |   |  |  |  |  |  |  |  |  |  |
| Pleosporales | W |   |  |  |  |  |  |  |  |  |  |
| Proliferodiscus earoleucus | W |   |  |  |  |  |  |  |  |  |  |
| Psathyrella | W |   |  |  |  |  |  |  |  |  |  |
| Pseudobensingtonia | W |   |  |  |  |  |  |  |  |  |  |
| Pseudotremella allantoinivorans | W |   |  |  |  |  |  |  |  |  |  |
| Rhodotorula | W |   |  |  |  |  |  |  |  |  |  |
| Saccharomycetales | W |   |  |  |  |  |  |  |  |  |  |
| Septobasidium | W |   |  |  |  |  |  |  |  |  |  |
| Slooffia | W |   |  |  |  |  |  |  |  |  |  |
| Sordariales | W |   |  |  |  |  |  |  |  |  |  |
| Steccherinaceae | W |   |  |  |  |  |  |  |  |  |  |
| Stereum | W |   |  |  |  |  |  |  |  |  |  |
| Sydowia polyspora | W |   |  |  |  |  |  |  |  |  |  |
| Sympoventuriaceae | W |   |  |  |  |  |  |  |  |  |  |
| Teratosphaeria | W |   |  |  |  |  |  |  |  |  |  |
| Thelephoraceae | W |   |  |  |  |  |  |  |  |  |  |
| Trechispora | W |   |  |  |  |  |  |  |  |  |  |
| Trichomerium | W |   |  |  |  |  |  |  |  |  |  |
| Trimorphomycetaceae | W |   |  |  |  |  |  |  |  |  |  |
| Valsaceae | W |   |  |  |  |  |  |  |  |  |  |
| Vonarxula javanica | W |   |  |  |  |  |  |  |  |  |  |
| Xenasmatella | W |   |  |  |  |  |  |  |  |  |  |
| Xenospadicoidaceae | W | 80 |  |  |  |  |  |  |  |  |  |