

S8 Table. Sequence abundance weighted OTU overlap between/among technical replicates for experiment II

| Soil Sample | With singletons | | Removing singletons | |
|----------------|---------------------|---------------------|---------------------|---------------------|
| | Two tags | Three tags | Two tags | Three tags |
| FP1 | 0.750 ±0.012 | 0.670 | 0.753 ±0.010 | 0.661 |
| FP2 | 0.837 ±0.010 | 0.788 | 0.845 ±0.005 | 0.798 |
| FP3 | 0.764 ±0.012 | 0.688 | 0.775 ±0.004 | 0.697 |
| FC1 | 0.765 ±0.012 | 0.692 | 0.775 ±0.009 | 0.700 |
| FC2 | 0.778 ±0.015 | 0.715 | 0.787 ±0.011 | 0.721 |
| FC3 | 0.805 ±0.010 | 0.738 | 0.804 ±0.010 | 0.736 |
| HP1 | 0.773 ±0.005 | 0.709 | 0.779 ±0.008 | 0.707 |
| HP2 | 0.757 ±0.010 | 0.688 | 0.772 ±0.009 | 0.701 |
| HP3 | 0.768 ±0.009 | 0.701 | 0.776 ±0.006 | 0.701 |
| HC1 | 0.741 ±0.010 | 0.657 | 0.759 ±0.009 | 0.678 |
| HC2 | 0.738 ±0.005 | 0.661 | 0.752 ±0.007 | 0.673 |
| HC3 | 0.763 ±0.009 | 0.696 | 0.774 ±0.014 | 0.700 |
| YP1 | 0.809 ±0.009 | 0.753 | 0.813 ±0.012 | 0.748 |
| YP2 | 0.843 ±0.009 | 0.797 | 0.855 ±0.009 | 0.809 |
| YP3 | 0.802 ±0.007 | 0.743 | 0.816 ±0.009 | 0.759 |
| YC1 | 0.790 ±0.013 | 0.719 | 0.804 ±0.013 | 0.736 |
| YC2 | 0.788 ±0.013 | 0.725 | 0.797 ±0.009 | 0.732 |
| YC3 | 0.793 ±0.011 | 0.727 | 0.796 ±0.007 | 0.727 |
| Average | 0.781 ±0.031 | 0.715 ±0.039 | 0.791 ±0.029 | 0.721 ±0.040 |