

Supplemental Table ST6. (a) Canonical Analysis of Principal Coordinates. Canonical Analysis of Principal Coordinates (CAPs) was performed with the `capscale` function in the R package `vegan` (Oksanen et al., 2016), using either the Bray-Curtis or weighted UniFrac distances generated for each sample type. The degrees of freedom (DF), Variance, F-Statistic, p-value, and relative percent of variance for each factor in our experiment except Sample Type are reported. **(b) Canonical Analysis of Principal Coordinates by Sample Type.** Canonical Analysis of Principal Coordinates (CAPs) was performed with the `capscale` function in the R package `vegan` (Oksanen et al., 2016), using either the Bray-Curtis or weighted UniFrac distances generated for each sample type. The degrees of freedom (DF), Variance, F-Statistic, p-value, and relative percent of variance for each factor in our experiment except Sample Type are reported.

(a)	Factor	distance	DF	Variance	F	pvalue
	SampleType	Bray	2	30.634	114.0781	0.001 ***
	Treatment	Bray	1	4.993	37.1863	0.001 ***
	Species	Bray	18	8.556	3.5401	0.001 ***
	Time point	Bray	1	2.863	21.3257	0.001 ***
	Rep	Bray	2	2.14	7.9688	0.001 ***
	Residual	Bray	587	78.816		
	SampleType	UniFrac	2	2.25406	400.1097	0.001 ***
	Treatment	UniFrac	1	0.18244	64.7686	0.001 ***
	Species	UniFrac	18	0.12257	2.4175	0.001 ***
	Time point	UniFrac	1	0.04387	15.5737	0.001 ***
	Rep	UniFrac	2	0.02568	4.5583	0.005 **
	Residual	UniFrac	587	1.65346		

(b)	SampleType	Factor	distance	DF	Variance	F	pvalue	Percent of Variance
	Soil	Treatment	Bray	1	1.4486	13.6603	0.001	5.65
	Soil	Species	Bray	18	1.9618	1.0278	0.358	7.65
	Soil	Time point	Bray	1	1.2285	11.5845	0.001	4.79
	Soil	Rep	Bray	2	2.1173	9.9827	0.001	8.26
	Soil	Treatment	UniFrac	1	0.09549	10.2956	0.001	4.5
	Soil	Species	UniFrac	18	0.1563	0.9363	0.569	7.36
	Soil	Time point	UniFrac	1	0.07602	8.1969	0.001	3.58
	Soil	Rep	UniFrac	2	0.14419	7.7734	0.001	6.79
	Rhizosphere	Treatment	Bray	1	2.4164	29.0497	0.001	9.88
	Rhizosphere	Species	Bray	18	4.7423	3.1673	0.001	19.39
	Rhizosphere	Time point	Bray	1	0.9133	10.9793	0.001	3.73
	Rhizosphere	Rep	Bray	2	0.7476	4.4939	0.001	3.06
	Rhizosphere	Treatment	UniFrac	1	47.356	54.6033	0.001	17.77
	Rhizosphere	Species	UniFrac	18	46.145	2.956	0.001	17.32
	Rhizosphere	Time point	UniFrac	1	6.946	8.0093	0.001	2.61
	Rhizosphere	Rep	UniFrac	2	2.981	1.7189	0.1	1.12
	Root	Treatment	Bray	1	3.6406	25.7329	0.001	8.81
	Root	Species	Bray	18	9.6912	3.8056	0.001	23.44
	Root	Time point	Bray	1	2.1596	15.2644	0.001	5.22
	Root	Rep	Bray	2	0.8129	2.873	0.001	1.97
	Root	Treatment	UniFrac	1	0.42379	44.6131	0.001	15.39
	Root	Species	UniFrac	18	0.50907	2.9773	0.001	18.48
	Root	Time point	UniFrac	1	0.06564	6.9105	0.001	2.38
	Root	Rep	UniFrac	2	0.07429	3.9105	0.004	2.7