

Table S4 PERMANOVA results table between tea cultivars for the phyllosphere microbial functional genes in different biogeochemical cycles. S: sulfur, N: nitrogen, P: phosphorus, M: methane

		D f	Sums of Squares	Mean Squares	F.M odel	Variati on (R^2)	<i>P</i> -value
S	Culti var	4	0.08	0.02	6.25	0.71	3×10^{-4}
	Resi duals	1 0	0.03	0.003		0.29	
	Total	1 4	0.11			1	
N	Culti var	4	0.5	0.13	4.61	0.65	1×10^{-4}
	Resi duals	1 0	0.27	0.03		0.35	
	Total	1 4	0.77			1	
P	Culti var	4	0.14	0.03	7.42	0.75	1×10^{-4}
	Resi duals	1 0	0.05	0.005		0.25	
	Total	1 4	0.19			1	
M	Culti var	4	0.14	0.04	4.72	0.65	1×10^{-4}
	Resi duals	1 0	0.08	0.01		0.35	
	Total	1 4	0.22			1	