

Table S3 Mean values of the phyllosphere genera and comparisons between tea cultivars.

The phyllosphere genera with relative abundance greater than 1% were compared by one-way ANOVA followed by Tukey's test. The letters aside the numbers represented the Tukey's test results. AB: 'Anjibaicha', FD: 'Fudingdabaicha', HJ: 'Huangjinya', LJ: 'Longjing43', YJ: 'Yujinxiang'

Genus	AB	FD	HJ	LJ	YJ
<i>Sphingomonas</i>	12.41±0.06 b	14.32±0.10 a	11.67±0.45 b	12.45±0.11 b	13.05±0.19 ab
<i>Methylobacterium</i>	6.09±0.02 a	6.54±0.02 a	5.97±0.26 a	6.17±0.03 a	6.17±0.13 a
<i>Limothrix</i>	5.73±0.11 b	3.30±0.04 c	8.00±0.57 a	5.58±0.16 b	5.06±0.41 b
<i>Buchnera</i>	4.38±0.06 b	2.97±0.03c	5.67±0.36 a	4.25±0.10 b	4.24±0.27 b
<i>Chryseobacterium</i>	3.78±0.01 c	5.15±0.03 a	3.78±0.04 c	3.94±0.02 b	3.94±0.01 b
<i>ESFC-1</i>	3.73±0.06 b	1.77±0.03 c	4.83±0.27 a	2.45±0.04 c	2.26±0.22 c
<i>Microbacterium</i>	1.82±0.00 b	2.22±0.02 a	1.71±0.06 b	1.84±0.02 b	1.89±0.04 b
<i>Pelagibacter</i>	1.86±0.03 a	1.07±0.01 b	1.82±0.10 a	1.04±0.03 b	1.13±0.08 b
<i>Methanomethylovorans</i>	1.15±0.01 b	1.41±0.00 a	0.98±0.04c	1.34±0.01 a	1.34±0.04 a
<i>Mangrovicoccus</i>	1.62±0.03 a	1.13±0.03 b	1.09±0.03 b	1.15±0.04 b	1.20±0.07 b
<i>RUG039</i>	1.19±0.01 c	1.40±0.00 a	0.95±0.04 d	1.25±0.01 bc	1.32±0.03 ab
<i>Mesomycoplasma</i>	1.09±0.01 b	1.32±0.01 a	0.93±0.04 c	1.25±0.01 a	1.23±0.04 a
<i>Bradyrhizobium</i>	1.09±0.00 c	1.19±0.00 a	1.10±0.00 c	1.15±0.01 ab	1.14±0.02 bc
<i>Pseudomonas</i>	1.06±0.02 b	0.83±0.01 c	1.30±0.06 a	1.08±0.03 ab	1.09±0.06 ab