

Table. S1 Tea specific information

Batch	Sample	Category	Producing area	Harvest tenderness
2021	BF-1			
2022	BF-2			
2023	BF-3	Stir-fried green	Yichang,	
2021	Se-BF-1	tea	Hubei	
2022	Se-BF-2			
2023	Se-BF-3			One bud and
2021	YL-1			two leaves
2022	YL-2			
2023	YL-3	Steamed green	Enshi,	
2021	Se-YL-1	tea	Hubei	
2022	Se-YL-2			
2023	Se-YL-3			