

**Table S4 Sensory evaluation results of raw oolong tea**

	Appearance	Liquor colour			Aroma	Taste			Infused leaf		
Rt	Wiry, yellow bloom	Golden yellow			Fragment and lasting, with flowery aroma	Mellow, fresh and brisk			Yellowish green and even with red even		
Rc	Wiry, greenish yellow	Yellow	with	deep	Clean and refreshing , less gentle flowery flavour	Heavy rather mellow with green and astringency			Yellowish green and even		

Rt: raw oolong tea from T3 in experimental group; Rc: raw oolong tea from CK3 in control group; OVA: odor activity value