

Table. S4 The content of catechins in tea (mg/g)

Samples	GA	GC	EGC	+C	EGCG	EC	ECG
BF-1	4.80±0.02 ^b	4.81±0.32 ^d	14.24±0.38 ^f	7.37±0.54 ^a	15.69±0.49 ^g	9.06±0.48 ^{ab}	6.10±0.95 ^d
BF-2	3.97±0.02 ^h	2.74±0.28 ^f	18.40±0.20 ^b	5.19±0.29 ^{bc}	17.04±0.28 ^{def}	6.24±0.38 ^c	8.99±0.02 ^a
BF-3	4.68±0.01 ^c	5.16±0.23 ^c	20.03±0.74 ^a	4.36±0.31 ^{bcd}	16.16±0.27 ^f	5.12±0.01 ^{cdef}	7.62±0.39 ^{bc}
Se-BF-1	5.21±0.01 ^a	4.08±0.29 ^e	16.86±0.17 ^c	2.64±0.38 ^{fg}	17.25±0.63 ^d	5.01±0.39 ^{def}	2.21±0.22 ^f
Se-BF-2	4.59±0.01 ^d	5.88±0.04 ^b	20.14±0.29 ^a	6.79±0.27 ^a	14.19±0.45 ^g	3.05±0.39 ^g	3.99±0.56 ^{ef}
Se-BF-3	4.39±0.02 ^e	5.05±0.32 ^{cd}	18.84±0.38 ^b	7.17±0.55 ^a	13.78±0.48 ^b	4.58±0.48 ^{efg}	3.10±0.95 ^{ef}
YL-1	4.28±0.01 ^f	6.08±0.01 ^b	20.03±0.74 ^a	2.86±0.32 ^{efg}	22.20±0.69 ^c	6.35±0.30 ^{cd}	6.45±0.26 ^c
YL-2	3.30±0.02 ⁱ	7.86±0.32 ^a	16.76±0.27 ^{cd}	3.87±0.52 ^{cd}	22.98±0.41 ^{bc}	4.08±0.48 ^{fg}	5.10±0.95 ^d
YL-3	4.67±0.02 ^c	5.74±0.28 ^{bc}	21.34±0.25 ^a	1.99±0.39 ^g	12.04±0.24 ^h	5.74±0.38 ^{cde}	6.05±0.02 ^c
Se-YL-1	3.21±0.01 ^g	6.16±0.23 ^b	13.03±0.74 ^f	2.66±0.36 ^{fg}	16.36±0.27 ^{ef}	4.45±0.01 ^{efg}	7.65±0.39 ^{bc}
Se-YL-2	3.33±0.01 ⁱ	6.06±0.29 ^b	16.76±0.27 ^{cd}	5.44±0.37 ^b	10.05±0.68 ⁱ	5.71±0.39 ^{cd}	8.21±0.22 ^{ab}
Se-YL-3	4.26±0.01 ^{fg}	5.08±0.01 ^{cd}	19.31±0.35 ^b	3.96±0.28 ^{cde}	20.20±0.63 ^c	8.35±0.30 ^b	6.45±0.26 ^c

Note: Different superscripts represent significant differences between different groups, $p < 0.05$.