Electronic Supplementary Information

Foliar application of glycinebetaine and Zn fertilizer improves both apparent and functional qualities of albino tea [*Camellia sinensis* (L.) O. Kuntze]

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Tab of Contents

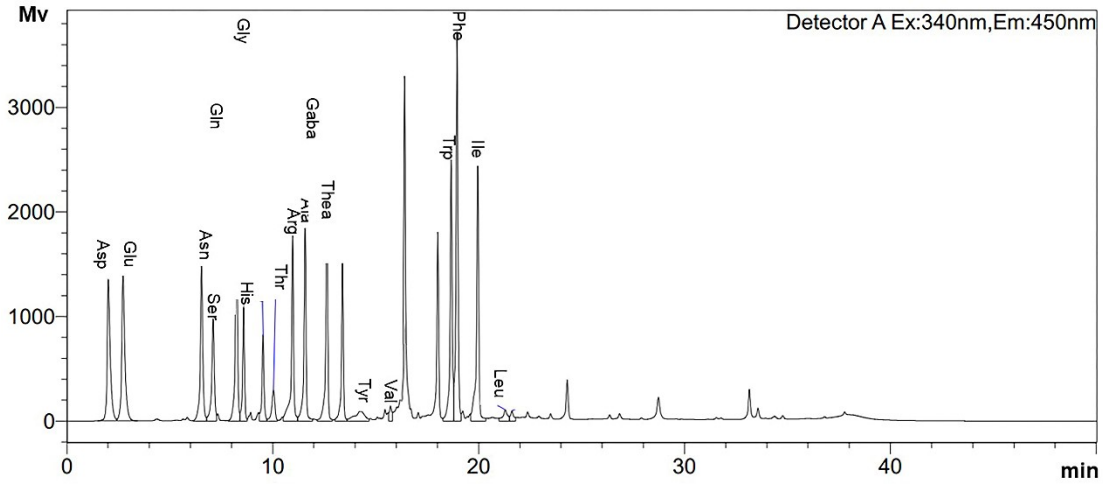

Fig. S1 HPLC profile of amino acids standard compounds. Asp: aspartic acid; Glu: glutamic acid; Asn: asparagine; Ser: serine; Gln: glutamine; His: histidine; Gly: glycine; Thr: threonine; Arg: argnine; Ala: alanine; Gaba: γ-aminobutyric acid; Thea: theanine; Tyr: tyrosine; Val: valine; Trp: tryptophane; Phe: phenylalanine; Ile: isoleucine; Leu: leucine.

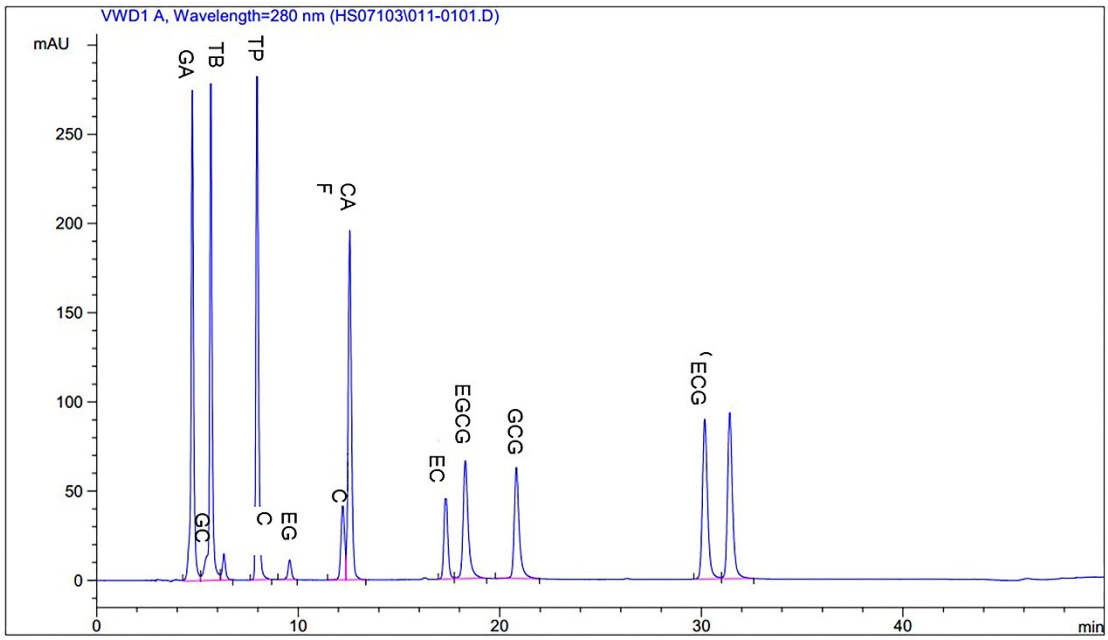

Fig. S2 HPLC profile of 8 catechins (GC, EGC, C, EC, EGCG, GCG, ECG and CG), 3 alkaloids (TB, TP and CAF) and GA standard compounds. GA: gallic acid; TB: theobromine; GC: gallocatechin; TP: theophylline; EGC: epigallocatechin; C: catechin; CAF: caffeine; EC: epicatechin; EGCG: epigallocatechin gallate; GCG: gallocatechin gallate; ECG: epicatechin gallate; CG: catechin gallate.