Electronic Supplementary Material (ESI) for Food & Function.

Supplementary files

Table S1 qRT-PCR primer sequence

Gene name	Forward primer (5'-3')	Reverse primer (3'-5')
Actin-1	GCTCTTGCCCCATCAACCAT	GCCGGACTCGTCGTATTCTT
Elo-6	AATCTCTGGAATGCGGGTCTTGC	CGGCTGAAGAACTCGTGGAGAAG
Gpx-7	ACAGGGTGGAACTCTTTTCGATGC	ATACCATGCATACCTCGCCACAAC
Gpx-8	ACTGGGCGACTCTATCGGGATATTAG	CGTAAGTCAATTTGTCCTTCGGCAAG
F54C8.1	GCTCAAGTTACGGCGAGTAGTGG	TGCCTTCATCGCTCTATCAAGTGC
Y39G8B.1	CCAACTTCACCCACAGCCAGATC	AGTACCCGACCACCACAATACCC
Fat-5	CCAAGCCTGAACCTGATGTCCAAG	CGAAGCAGAAGATTCCGACCAAGG
Pod-2	TGTCTACGCCACTGCCGAGTC	TCGCCATTCATCACACGCTTATCC
Fasn-1	TCGGGTCGTGTCGGGTGAAG	CCTGAGTTGTCCGTCGTCTTGTC
Bec-1	GAAGCCGAACGTCAATATGCAGAAG	TCACCAACAATTCCATCAACCCAAATG

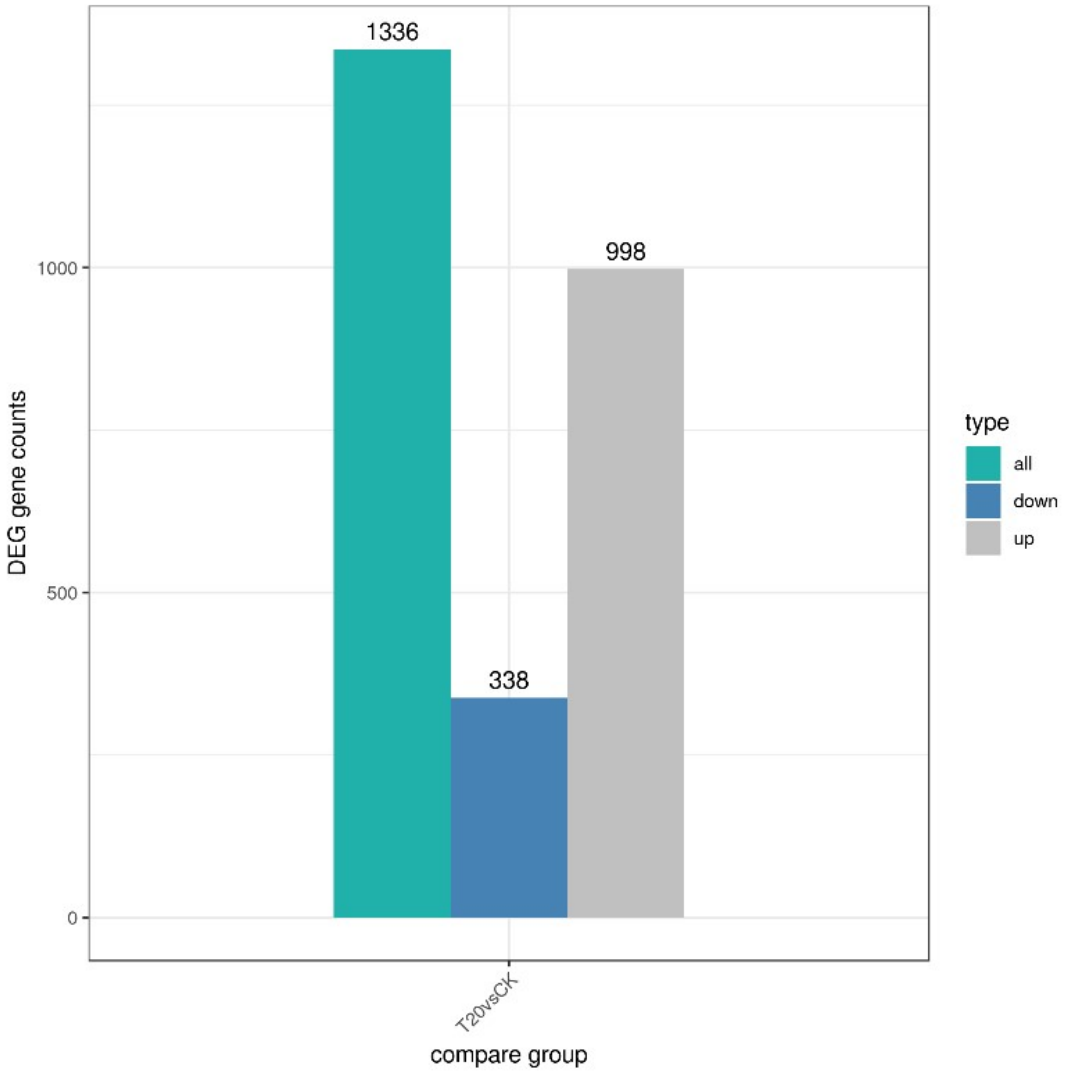

Fig. S1 Statistical histogram of the number of differential genes between GSP-E treatments and control

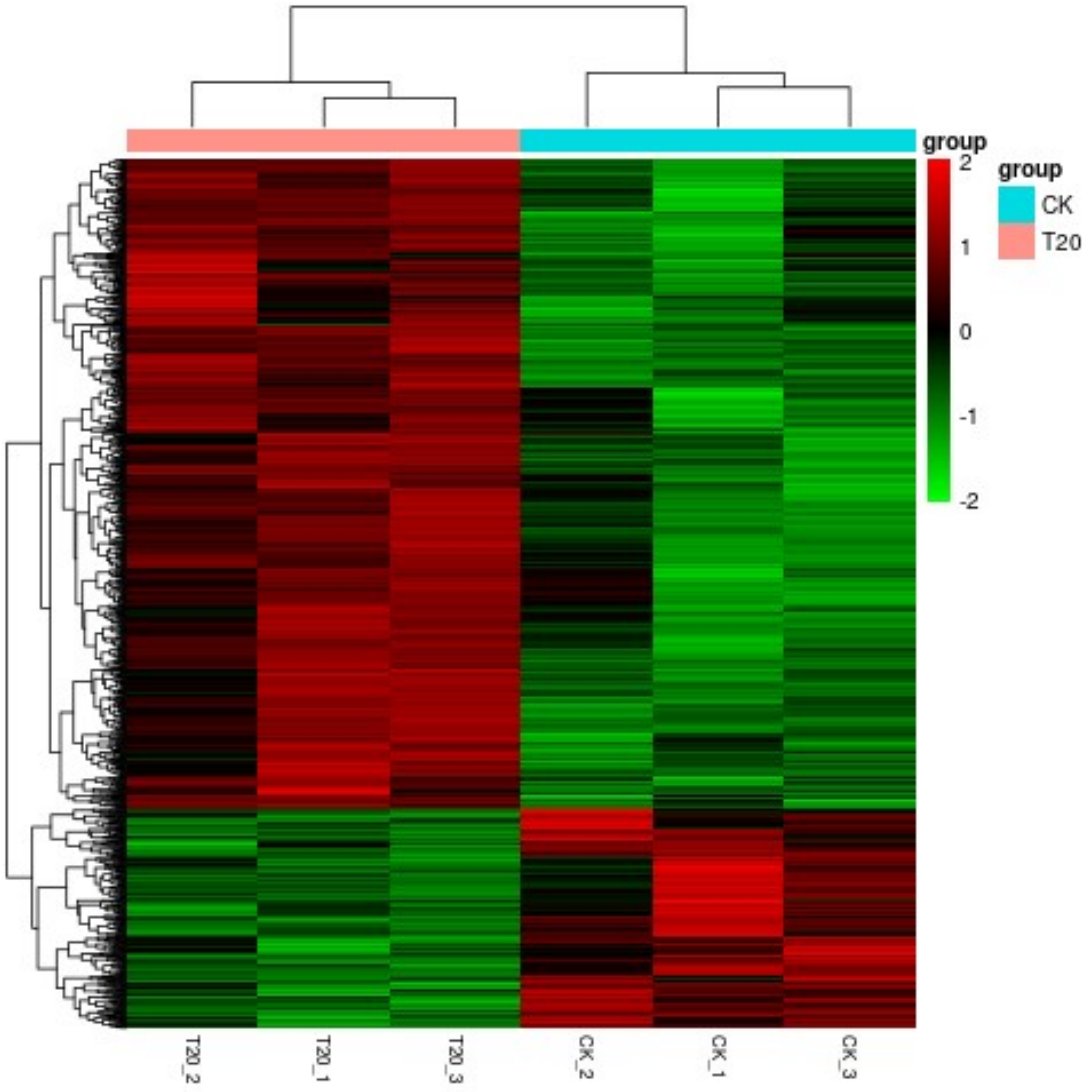

Fig. S2 Cluster heat map of differentially expressed genes between GSP-E treatments and control

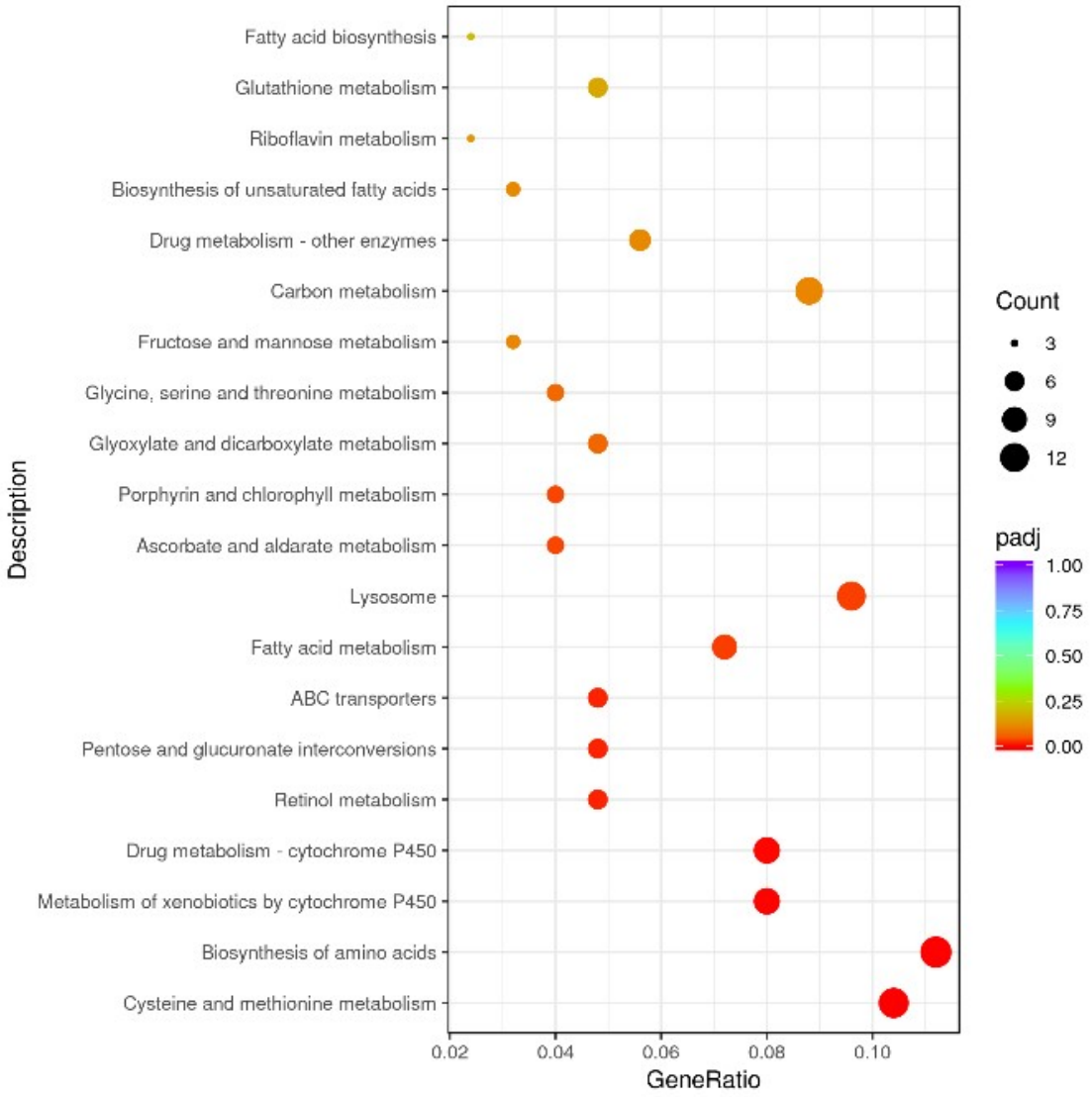

Fig. S3 KEGG enrichment scatter plot in GSP-E treatment groups

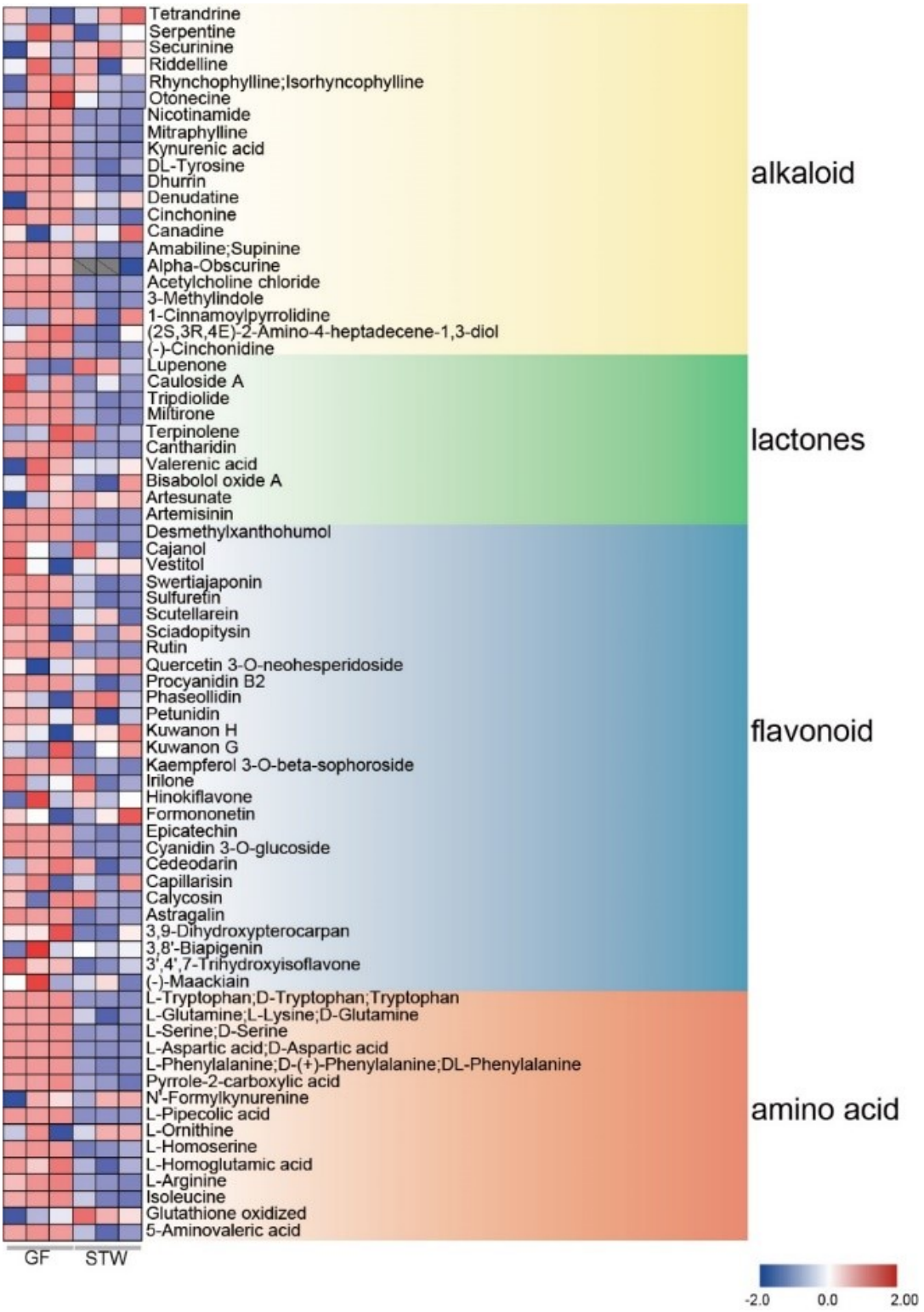

Fig. S4 Heat map of the differential metabolites between ginkgo seed powder and GSP-E

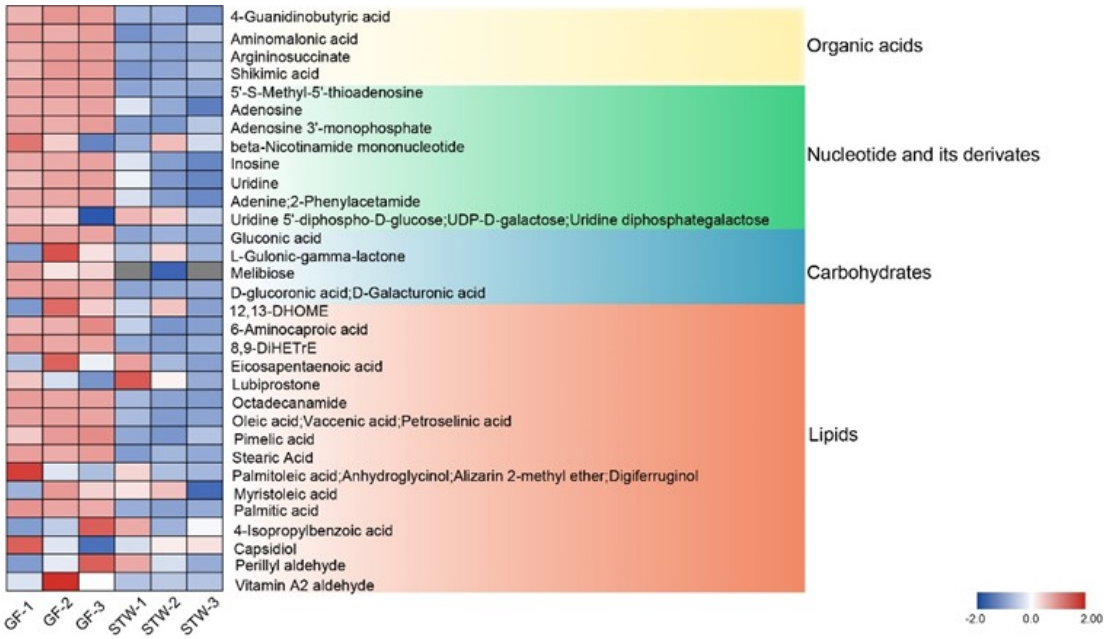

Fig. S5 Heat map of the differential metabolites between ginkgo seed powder and GSP-E

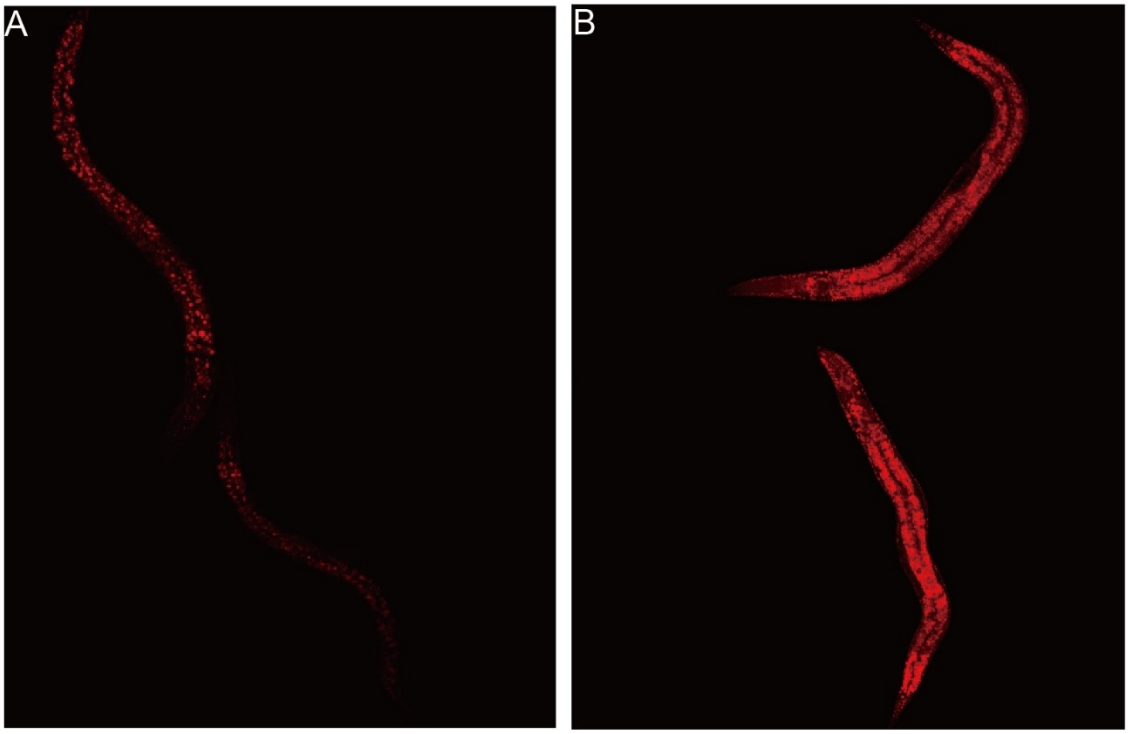

Fig. S6 Nile Red staining

A. The 0 mg/mL control group. B. The 20 mg/mL treatment group.