

Supplementary Materials:
Table S1. The components identified in CP.

Compounds	RT(min)	[M+1] ⁺	Content(mg/g)
Caffeic acid	8.26	181.04226	8.24
p-Coumaric acid	10.36	165.04734	4.97
Ferulic acid	11.35	195.05791	2.58
Isoferulic acid	11.87	195.05791	3.16
Cinnamic acid	12.21	149.05243	0.62
Vanillic acid	15.04	169.04226	\
Kaempferol	16.26	287.04774	1.72
Myricetin	16.38	319.03757	\
Quercetin	16.39	303.04265	1.75
3,4-dimethoxycinnamic acid	17.02	209.07356	9.26
Apigenin	18.41	271.05282	3.61
Pinobanksin	18.82	273.06847	35.99
Luteolin	18.90	287.04774	\
Caffeic acid benzyl ester	23.61	271.08921	\
Chrysin	23.66	255.05791	50.99
Pinocembrin	24.22	257.07356	43.93
Galangin	24.44	271.05282	18.24
CAPE	24.74	285.10486	15.79
3-O-Acetyl pinobanksin	24.91	315.07904	73.81
Rutin	32.10	611.15339	\

Table S2. The primers we use in this study.

Target gene	Sequence(5'-3')
	Real-time primers
ACC-1	F: GGACAGACTGATCGCAGAGA R: TGGAGAGCCCCACACACA
CD36	F: GGAAGTGTGGGCTCATTGC R: CATGAGAATGCCTCCAAACAC
CPT1 β	F: GGCACCTCTTCTGCCTTTAC R: TTTGGGTCAAACATGCAGAT
FABP	F: AGCATCATAACCCTAGATGGCG R: CATAACACATTCCACCACCAGC
FAS	F: CCCTTGATGAAGAGGGATCA R: ACTCCACAGGTGGGAACAAG
PGC1 α	F: GGAGCCGTGACCACTGACA R: TGGTTTGCTGCATGGTTCTG
UCP1	F: TAAGCCGGCTGAGATCTTGT R: GGCCTCTACGACTCAGTCCA
UCP3	F: ATGAGTTTGCCTCCATTTCG R: GGCGTATCATGGCTTGAAAT
SREBP1	F: GAACGACATCGAAGACATGC R: GAGAAGCTCTCAGGAGAG
SREBP2	F: GTGCGCTCTCGTTTACTGAAGT R: GTATAGAAGACGGCCTTCACCAA
PPAR α	F: AGGCTGTAAGGGCTTCTTTCG R: GGCATTGTTCGGGTTCTTC
PPAR γ	F: CCATTCTGGCCCAAC R: AATGCGAGTGGTCTTCCATCA
DIO2	F: AATTATGCCTCGGAGAAGACCG R: GGCAGTTGCCTAGTGAAAGGT
GADPH	F: GTCGTGGATCTGACGTGCC R: TGCCTGCTTACCACCTTCT

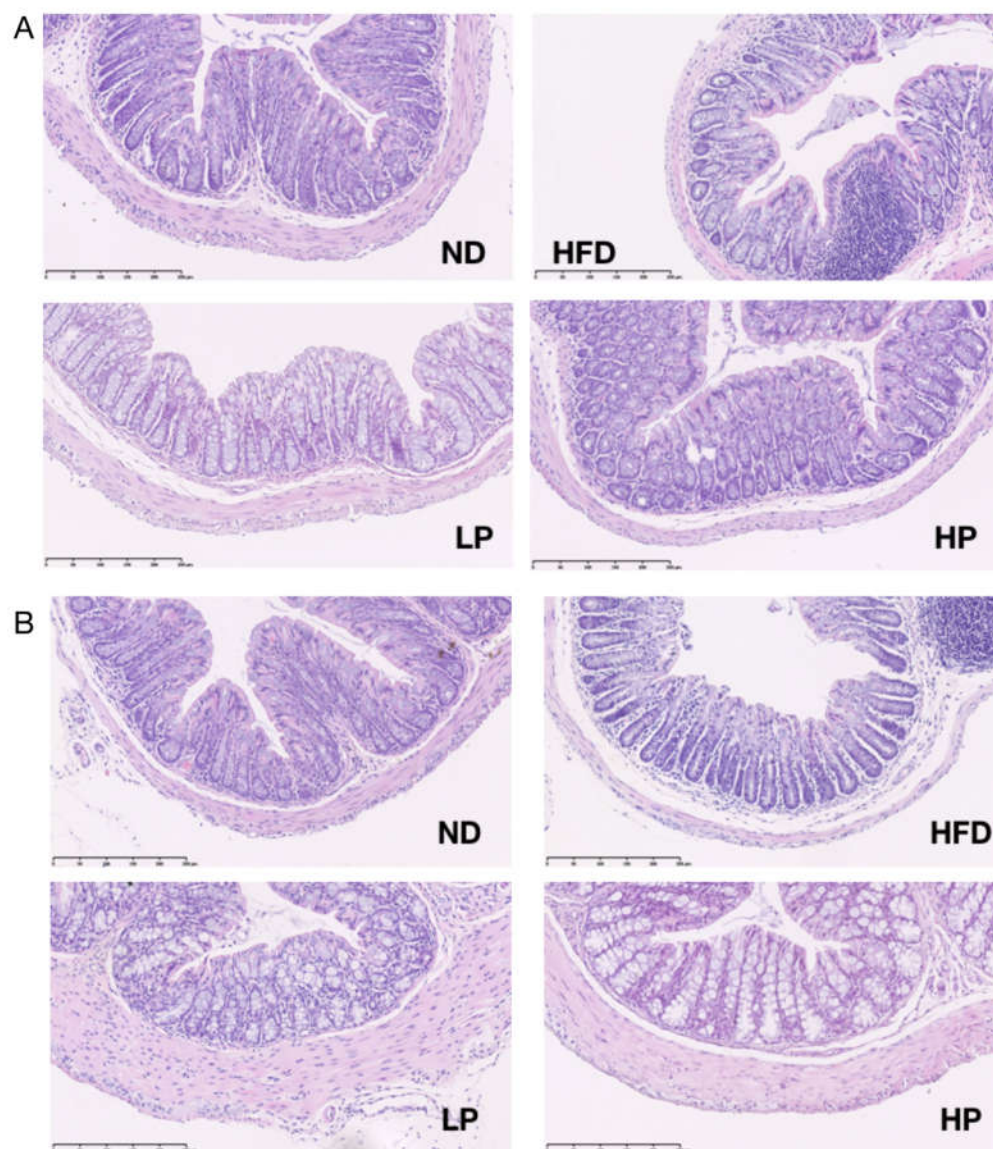


Figure 1. Hematoxylin and eosin (H & E)-stained colon sections.