Electronic Supplementary Material (ESI) for Food & Function.
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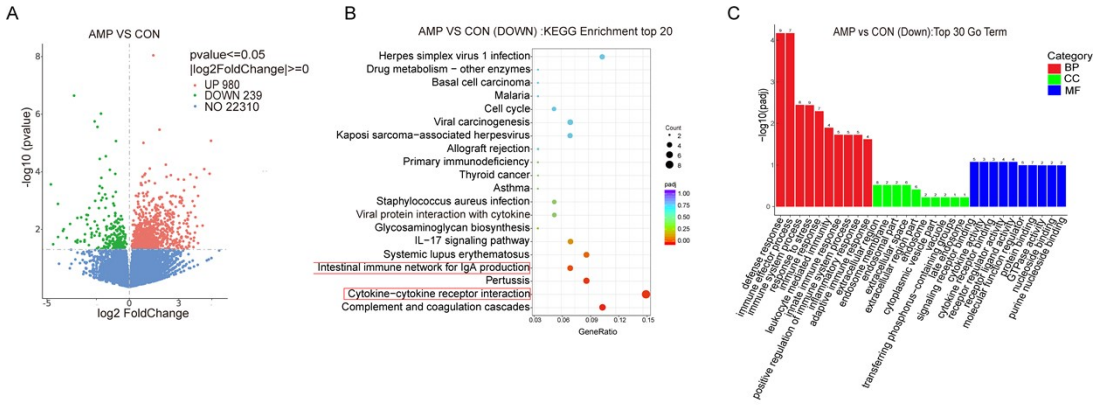
Supplementary material

Table S1: Primer sequences used for RT-qPCR.

Target genes	Accession No.	Sequence (5'-3')	Size (bp)
IL-22	XM_021091968.1	F: AAGCAGGTCCTGAACTTCAC R: CACCCTTAATACGGCATTGG	133
IL-10	NM_214041.1	F: TGCCTTTAGCAAGCTCCAAGA R: AGAGTCGTCATCCTGGAAGG	155
IL-6	NM_001252429.1	F: TGGCTACTGCCTTCCCTACC R: CAGAGATTTTGCCGAGGATG	132
IFN- γ	NM_213948.1	F: CAAAGCCATCAGTGAACTCATCA R: TCTCTGGCCTTGGAACATAGTCT	100
TNF-α	NM_214022.1	F: TCTCCTTCCTCCTGGTCGCA R: TCCCTCGGCTTTGACATTGG	191
β-actin	XM_021086047.1	F: CTGCGGCATCCACGAAACT R: AGGGCCGTGATCTCCTTCTG	147

Forward: F, Reverse: R.



Supplement Figure S1. AMP inhibits the immune response to PQ - induced enteritis. (A) The differentially expressed genes in AMP and CON treatment groups were represented by a volcano plot using a cut-off value of $p \leq 0.05$ and fold change ≥ 0. (B) Amp group has downgraded the deg KEGG notes for the top 20. (C) AMP group downgrade the GO annotation of the first 30 DEGs.