

Table S1. Growth performance of finishing pigs fed diets supplemented with hesperidin and rosmarinic acid.

Item	CON	HES	RA	HES-RA	SEM	<i>P</i> -value
ADG (g/d)	850.19 ^c	881.48 ^b	891.48 ^b	975.19 ^a	12.01	<0.001
ADFI (kg/d)	2.79 ^c	2.82 ^b	2.82 ^b	2.95 ^a	0.01	<0.001
F/G	3.28 ^a	3.27 ^a	3.16 ^{ab}	3.02 ^b	0.03	0.032

CON, control group; HES, hesperidin group; RA, rosmarinic acid group; HES-RA, hesperidin + rosmarinic acid group.

ADG, average daily gain; ADFI, average daily feed intake; F/G, feed-to-gain ratio.

a–c Means within a row with different superscripts differ significantly ($P < 0.05$).

Data are reproduced from our previous study [1].

Reference

[1] ZHAO, W., WU, J., DANG, M., WANG, J., & ZHU, W. (2023). Combination of hesperidin and rosmarinic acid affects cecal morphology, antioxidant function, microbiota structure, and barrier function of finishing pigs. *Acta Microbiologica Sinica*, 63(11), 4356-4371. <https://doi.org/10.13343/j.cnki.wsxb.20230225> (in Chinese)

Table S2. Primer sequences used for Real-time quantitative PCR

Genes	Forward primer (5'-3')	Reverse primer (5'-3')	Accession number
<i>GLUT4</i>	CAACCAGCCTATGCCACCATCG	GCCCGTTCCACCAGCAACAC	NM_001128433.1
<i>mTOR</i>	AGTACCTCCAGGACACCATGAACC	CAGACCTCACAGCCACAGAAAGC	XM_003127584.6
<i>S6K1</i>	TCAGTGGTGGGAACGACAAACAAG	ACTCAGTAGCAGGCGGACTCG	XM_005660083.2
<i>4E-BP1</i>	TCGGAACTCACCTGTGACCAAAAC	GTGGTTCTGGCTGGCATCTGTG	NM_001244225.1
<i>GAPDH</i>	CAAGGCTGTGGGCAAGGTCATC	TTCTCCAGGCGGCAGGTCAG	NM_001206359.1

GLUT4 = glucose transporter 4; *mTOR* = mammalian target of rapamycin; *S6K1* = ribosomal protein S6 protein kinase 1; *4E-BP1* = eukaryotic initiation factor 4E binding protein 1; *GAPDH* = glyceraldehyde phosphate dehydrogenase.