

706 **Supplementary Table S1.** Differences in relative abundance at the family level of colonic microbiota (percentage)
 707 of weaned pigs fed diets containing different levels of rice distiller' by-product

Family	Day 14 (n = 16)			Day 35 (n = 16)			P-value
	RDP0	RDP15	RDP30	RDP0	RDP15	RDP30	
Lachnospiraceae	8.83 ^b	6.62 ^{bc}	5.70 ^c	6.67 ^{bc}	6.67 ^{bc}	10.78 ^a	0.025
Ruminococcaceae	16.5 ^a	5.08 ^c	3.80 ^c	5.89 ^c	5.53 ^c	8.35 ^b	0.002
Bacteroidales_fa	6.50 ^b	3.53 ^c	5.93 ^b	2.86 ^c	4.10 ^c	14.57 ^a	0.002
Prevotellaceae	55.2 ^c	75.9 ^b	78.6 ^a	78.2 ^a	75.9 ^b	54.8 ^c	0.002

708 Values are expressed as mean. Values followed by different letters in the same row indicate statistical differences ($p < 0.05$); n:
 709 number of colonic samples; RDP0: control diet; RDP15: diet with rice distillers' by-product accounting for 15% DM; RDP30:
 710 diet with rice distillers' by-product accounting for 30% DM.

711 **Supplementary Table S2.** Differences in relative abundances at the genus level of colonic microbiota (percentage)
 712 of weaned pigs fed diets containing different levels of rice distiller' by-product

Genus	Day 14 (n = 16)			Day 35 (n = 16)			P-value
	RDP0	RDP15	RDP30	RDP0	RDP15	RDP30	
<i>Lachnospiraceae_ge</i>	6.75 ^b	5.03 ^{bc}	4.58 ^c	5.39 ^{bc}	5.29 ^{bc}	8.97 ^a	0.023
<i>Ruminococcaceae_ge</i>	4.70 ^a	1.75 ^b	1.32 ^b	1.98 ^b	1.96 ^b	3.04 ^{ab}	0.008
<i>Ruminococcaceae_UCG-005</i>	7.06 ^a	0.63 ^b	0.76 ^b	0.91 ^b	0.83 ^b	2.24 ^b	0.003
<i>Bacteroidales_ge</i>	6.50 ^b	3.53 ^c	5.93 ^b	2.86 ^c	4.10 ^c	14.6 ^a	0.002
<i>Prevotellaceae_ge</i>	13.9 ^c	24.4 ^a	25.8 ^a	17.9 ^b	18.4 ^b	25.1 ^a	0.002
<i>Prevotellaceae_NK3B31_group</i>	8.89 ^d	14.0 ^b	8.41 ^d	11.4 ^c	10.6 ^c	16.2 ^a	0.068
<i>Prevotella_1</i>	2.94 ^a	0.69 ^b	2.64 ^a	1.73 ^{ab}	1.41 ^{ab}	0.72 ^b	0.017
<i>Prevotella_2</i>	3.68 ^b	4.03 ^b	5.89 ^a	5.14 ^a	4.21 ^b	1.34 ^c	0.002
<i>Prevotella_9</i>	24.1 ^d	30.9 ^c	33.9 ^b	41.3 ^a	39.7 ^a	10.2 ^e	0.003

713 Values are expressed as mean. Values followed by different letters in the same row indicate statistical differences ($p < 0.05$); n:
 714 number of colonic samples; RDP0: control diet; RDP15: diet with rice distillers' by-product at 15% DM; RDP30: diet with rice
 715 distillers' by-product at 30% DM.

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