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Reproduction, Fertility and Development

Supplementary Material

Role of resistin in the porcine uterus: effects on endometrial steroidogenesis

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Table S1. The two-way ANOVA analysis's results. Effects of the main factors and the interaction on the progesterone (P₄) production by the porcine endometrium.

	df	F	p
PHASE/STAGE	4	37.85	<0.000001
RESISTIN	3	2.10	0.106434
PHASE/STAGE*RESISTIN	12	6.84	<0.000001
df	80		

Table S2. The two-way ANOVA analysis's results. Effects of the main factors and the interaction on the oestradiol (E₂) production by the porcine endometrium.

	df	F	p
PHASE/STAGE	4	81.46	<0.000001
RESISTIN	3	4.36	0.006743
PHASE/STAGE*RESISTIN	12	4.28	0.000033
df	80		

Table S3. The two-way ANOVA analysis's results. Effects of the main factors and the interaction on the steroidogenic acute regulatory protein (StAR) abundances in the porcine endometrium.

	df	F	p
PHASE/STAGE	4	36.97	<0.000001
RESISTIN	3	14.21	<0.000001
PHASE/STAGE*RESISTIN	12	7.54	<0.000001
df	80		

Table S4. The two-way ANOVA analysis's results. Effects of the main factors and the interaction on the P450 side-chain cleavage enzyme (P450_{SCC}) abundances in the porcine endometrium.

	df	F	p
PHASE/STAGE	4	4.85	0.001484
RESISTIN	3	10.52	0.000007
PHASE/STAGE*RESISTIN	12	6.27	<0.000001
df	80		

Table S5. The two-way ANOVA analysis's results. Effects of the main factors and the interaction on the 3-hydroxysteroid dehydrogenase (3 β HSD) abundances in the porcine endometrium.

	df	F	p
PHASE/STAGE	4	35.40	<0.000001
RESISTIN	3	2.21	0.093304
PHASE/STAGE*RESISTIN	12	2.21	0.018634
df	80		

Table S6. The two-way ANOVA analysis's results. Effects of the main factors and the interaction on the cytochrome P450_{C17} (P450_{C17}) abundances in the porcine endometrium.

	df	F	p
PHASE/STAGE	4	21.69	<0.000001
RESISTIN	3	1.41	0.245494
PHASE/STAGE*RESISTIN	12	3.55	0.000304
df	80		

Table S7. The two-way ANOVA analysis's results. Effects of the main factors and the interaction on the cytochrome P450 aromatase (P450_{AROM}) abundances in the porcine endometrium.

	df	F	p
PHASE/STAGE	4	28.2966	<0.000001
RESISTIN	3	18.0258	<0.000001
PHASE/STAGE*RESISTIN	12	5.0357	0.000004
df	80		