

Table 6. Effects of different protease and nutrient density feed on fecal microflora in growing-finishing pigs

Items, (log ₁₀ cfu/g)	High			Basal			SE	Den			Pro			<i>p</i> -value		
	CON	PTA	PTB	CON	PTA	PTB		High	Basal	CON	PTA	PTB	Den	Pro	Den×Pro	
<i>E. coli</i>																
6w	6.48	6.52	6.60	6.51	6.46	6.50	0.131	6.54	6.49	6.50	6.49	6.55	0.644	0.882	0.856	
13w	6.52	6.58	6.61	6.52	6.51	6.51	0.149	6.57	6.51	6.52	6.54	6.56	0.633	0.969	0.929	
<i>Lactobacillus</i>																
6w	7.81	7.90	7.09	7.39	7.93	7.84	0.275	7.57	7.78	7.65	7.91	7.47	0.588	0.238	0.116	
13w	9.33	9.57	9.35	9.19	9.56	9.13	0.260	9.41	9.29	9.25	9.57	9.24	0.573	0.341	0.923	

Abbreviation: High, high nutrient density diet; Basal, basal nutrient density diet; CON, basal diet; PTA, CON + 0.0125% protease A; PTB, CON + 0.010% protease B; *E. coli*, *Escherichia coli*; SE, standard error; Den, different nutrient density diet; Pro, supplementation of protease; Den × Pro, different nutrient density diet × supplementation of protease

High nutrient density is 0.94-0.98% higher than requirement in dietary protein and 50 kcal/kg in energy than basal nutrient density

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