

33 **Supplementary Table S2.** Effect of dietary phytase and sex on body weight, average daily feed intake,  
 34 calcium intake, total phosphorus intake, available phosphorus intake, average daily gain and feed  
 35 conversion ratio in fattening pigs used in replicate batches 1 and 2 between experimental days 1 and 49  
 36 (n = 72 per diet, mean  $\pm$  SEM)

	Control diet		Phytase diet		SEM	p-Values		
	Gilts	Barrows	Gilts	Barrows		Phytase	Sex	Phytase $\times$ Sex
n per dietary group	37	35	38	34				
Body weight day 1 (kg)	35.5	39.0	38.3	38.9	0.99	0.155	0.041	0.151
Body weight day 49 (kg)	83.2	85.2	80.7	83.8	1.18	0.100	0.043	0.705
Average daily feed intake (kg/d)	2.02	2.31	1.86	2.12	0.038	<0.001	<0.001	0.792
Ca <sup>1)</sup> intake (g/d)	16.4	19.6	15.9	18.0	0.29	<0.001	<0.001	0.079
Total P <sup>2)</sup> intake (g/d)	12.5	14.9	11.8	13.4	0.22	<0.001	<0.001	0.067
Available P intake (g/d)	6.47	7.71	7.81	8.84	0.125	<0.001	<0.001	0.404
Average daily gain (kg/d)	0.94	0.98	0.89	0.95	0.025	0.098	0.042	0.739
Feed conversion ratio	2.17	2.36	2.13	2.26	0.033	0.032	<0.001	0.425

37 SEM, standard error of the means.

38 <sup>1)</sup>Ca, calcium.

39 <sup>2)</sup>P, phosphorus.