

Supplemental Table

Table S1 Distribution of the GI hormone levels of CCK, GCG, and PYY along the piglet small and large intestines.

Gene	Gut							SEM	P-value
	Duo	P. Jej	D. Jej	P. Ile	D. Ile	Cec	Col		
CCK	328.758 ^a	189.783 ^b	85.744 ^c	13.171 ^d	10.078 ^d	1.859 ^d	2.109 ^d	18.983	0.000
PYY	164.081 ^b	34.964 ^c	58.438 ^c	51.714 ^c	49.194 ^c	22.499 ^c	328.444 ^a	19.640	0.000
GCG	1.013 ^b	4.735 ^b	18.688 ^b	488.024 ^a	475.850 ^a	419.996 ^a	315.323 ^a	43.267	0.000

Duo, Duodenum; P.Jej, proximal jejunum; D.Jej, distal jejunum; P.Ile, proximal ileum; D.Ile, distal ileum; Cec, caecum; Col, colon; CCK, cholecystokinin; GCG, glucagon; and PYY, peptide YY. a, b, c, d Mean values within a row with unlike superscript letters are different ($P < 0.05$).

Table S2 Distribution of the amino acid sensing-receptor mRNA expression along the piglet small and large intestines.

Gene	Gut							SEM	P-value
	Duo	P. Jej	D. Jej	P. Ile	D. Ile	Cec	Col		
CaSR	1.018 ^b	1.190 ^b	1.998 ^b	16.986 ^a	17.265 ^a	1.178 ^b	3.177 ^b	1.285	0.000
GPRC6A	1.012	0.865	1.378	2.634	2.570	0.765	1.197	0.468	0.135
mGluR4	1.003 ^{ab}	0.701 ^b	0.503 ^{bc}	0.189 ^c	0.185 ^c	1.248 ^a	0.415 ^{bc}	0.139	0.000
T1R1	1.013 ^a	0.889 ^a	0.975 ^a	0.862 ^{ab}	0.840 ^{ab}	0.516 ^{bc}	0.464 ^c	0.116	0.003
T1R3	1.010 ^a	0.794 ^{ab}	0.874 ^{ab}	0.803 ^{ab}	0.694 ^b	0.392 ^c	0.346 ^c	0.070	0.000

Duo, Duodenum; P.Jej, proximal jejunum; D.Jej, distal jejunum; P.Ile, proximal ileum; D.Ile, distal ileum; Cec, caecum; Col, colon; CaSR, calcium sensing receptor; GPRC6A, GPCR Class C group 6 subtype A; mGluR4, metabotropic glutamate receptor; T1R3, taste dimeric receptor type 1 member 1; T1R3, taste dimeric receptor type 1 member 3. a, b, c, d Mean values within a row with unlike superscript letters are different ($P < 0.05$).