Figure 1

Ex	GIP ref	SEQ ID	Note	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
1	A	10		Tyr	AIB	Glu	Gly	Thr	Phe	Ile	Ser	Asp	Tyr	Ser	Lys	Asp	Leu	Asp	Lys	Ile	His	Gln	Gln	Asp	Phe	Val	Asn	Trp	Leu	Leu	Ala	Gln	Lys	Gly	Lys		Lys*
2	B	11		Tyr	AIB	Glu	Gly	Thr	Phe	Ile	Ser	Asp	Tyr	Ser	Lys	Ala	Leu	Asp	Lys	Ile	His	Gln	Gln	Asp	Phe	Val	Asn	Trp	Leu	Leu	Ala	Gln	Lys	Gly	Lys		Lys*
3	C	12		Tyr	AIB	Glu	Gly	Thr	Phe	Ser	Ser	Asp	Tyr	Ser	Lys	Asp	Leu	Asp	Lys	Ile	His	Gln	Gln	Asp	Phe	Val	Asn	Trp	Leu	Leu	Ala	Gln	Lys	Gly	Lys		Lys*

35	36	37	38	39	40	41	42	43	44	45	46	47	Z (i)/(ii)	n (R = Cn)	Ex	GIP ref	Feeding study results		
																	n	Food intake (g)	Weight difference (g)	X
												Lys	i	18	1	A	1	-2.6	-2.5	6.5
												Lys	i	18	2	B	1	-3.5	-3.5	12.0
											Asn	His	i	18	3	C	1	-3.4	-3.0	10.3

Figure 2

Ex	GIP ref	SEQ ID	Note	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1	A	10		Tyr	AIB	Glu	Gly	Thr	Phe	Ile	Ser	Asp	Tyr	Ser	Lys	Asp	Leu	Asp	Lys	Ile	His	Gln	Gln	Asp	Phe	Val	Asn	Trp	Leu	Leu	Ala	Gln	Lys	Gly
2	B	11		Tyr	AIB	Glu	Gly	Thr	Phe	Ile	Ser	Asp	Tyr	Ser	Lys	Ala	Leu	Asp	Lys	Ile	His	Gln	Gln	Asp	Phe	Val	Asn	Trp	Leu	Leu	Ala	Gln	Lys	Gly
3	C	12		Tyr	AIB	Glu	Gly	Thr	Phe	Ser	Ser	Asp	Tyr	Ser	Lys	Asp	Leu	Asp	Lys	Ile	His	Gln	Gln	Asp	Phe	Val	Asn	Trp	Leu	Leu	Ala	Gln	Lys	Gly
Comp 1	75	13		Tyr	AIB	Glu	Gly	Thr	Phe	Ile	Ser	Asp	Tyr	Ser	Ile	Ala	Leu	Asp	Lys	Ile	His	Gln	Gln	Asp	Phe	Val	Asn	Trp	Leu	Leu	Ala	Gln	Lys	Gly
Comp 2	121	14		Tyr	AIB	Glu	Gly	Thr	Phe	Ile	Ser	Asp	Tyr	Ser	Ile	Ala	Leu	Asp	Lys	Ile	His	Gln	Gln	Asp	Phe	Val	Asn	Trp	Leu	Leu	Ala	Gln	Lys	Gly
Comp 3	123	15		Tyr	AIB	Glu	Gly	Thr	Phe	Ile	Ser	Asp	Tyr	Ser	Ile	AIB	Leu	Asp	Lys	Ile	His	Gln	Gln	Asp	Phe	Val	Asn	Trp	Leu	Leu	Ala	Gln	Lys	Gly

32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	Z (i)/(ii)	n (R = Cn)	Ex	GIP ref	Feeding study results		
																			n	Food intake (g)	Weight difference (g)	X
Lys		Lys*													Lys	i	18	1	A	1	-2.6	-2.5	6.5
Lys		Lys*													Lys	i	18	2	B	1	-3.5	-3.5	12.0
Lys		Lys*												Asn	His	i	18	3	C	1	-3.4	-3.0	10.3
Lys		Lys*													Gln	i	18	Comp 1	75	1	-2.1	-1.3	2.7
Lys		Lys*													Lys	i	18	Comp 2	121	2	-5.6	-1.5	8.3
Lys		Lys*													Lys	i	18	Comp 3	123	1	-5.1	-0.9	4.7