

Table S2 List of primers used in the present study

Primers	Primer sequences (5'-3')	Product size (bp)
β -actin	F: GTGACGTTGACATCCGTAAGA	245
	R: GCCGGACTCATCGTACTCC	
Ghrelin	F: AAAGGAATCCAAGAAGCCACC	90
	R: GCCTCTTCTGCTTGTCCTCTGT	
GIP	F: GAGTTCCGATCCCATGCTAA	239
	R: TGTGCCTCTTTGTCCTCCTT	
GCG	F: CGTGCCCAAGATTTTGTGCA	96
	R: CCCTTCAGCATGCCTCTCAA	
Cck	F: GCACTGCTAGCGGATAACATC	82
	R: CCAGGCTCTGCAGGTTCTTAAG	
Tph1	F: GGCTTGCTTTCTTCCATCAG	471
	R: ATGGAGAGAGGCGAGAGACA	
Sct	F: AAGACACTCAGACGGAATGT	292
	R: TGGTTGTTTCAGTCCACTCT	
Sst	F: GCCCAACCAGACAGAGAATGA	107
	R: CTGGGTTCGAGTTGGCAGAC	
Ngn3	F: CACGAAGTGCTCAGTTCCAATTCC	224
	R: GAGTTGAGGTTGTGCATGCGATTG	
Lyz1	F: AGGAATGGAATGGATGGCTA	110
	R: CGGTCTCCACGTTGTAGTT	
Lgr5	F: CCTTCACAGCCTCAAAGTG	95
	R: GCAGGGATTGAAGGCTTCTC	
Muc2	F: ACGATGCCTACACCAAGGTC	210
	R: TGATCTTCTGCATGTTCCCA	
ChgA	F: CTTTCCAGAGCCTAACCAAGAG	200
	R: CCTCCTCTTCTTTCTCCTCTTG	
Nkx2.2	F: ACCAACACAAAGACGGGGTT	257

	R: CCGTGCAGGGAGTATTGGAG	
Pax4	F: CAGGAATCGGACTATCTTCTCC	148
	R: GTTAGAAAACCAAACCCCTCACC	
Pax6	F: CGGAGTTATGATACCTACACCC	155
	R: CAGTACTGAGACATGTCAGGTT	
NeuroD1	F: GCTCCAGGGTTATGAGATCGT	131
	R: CATCTGTCCAGCTTGGGGGA	
Dclk1	F: AGCCTCCACCAGCTCAGTTA	195
	R: CCATACACATCGCTCCATTG	
Math1	F: GCCAGCACCTCCTCTAACAC	100
	R: GGTCCCCCAACTCTTTTACC	
Hes1	F: ACACCGGACAAACCAAAGAC	148
	R: AATGCCGGGAGCTATCTTTC	
Arx	F: CACCAGTTACCAGCTGGAGG	127
	R: CTGGAACCACACCTGGACTC	
Notch1	F: CGTGGATTCATCTGTAGGTGC	134
	R: CATAGGCAGGTGGGACTACG	
<i>Akkermansia</i>	F: CAGCACGTGAAGGTGGGAC	328
	R: CCTTGCGGTTGGCTTCAGAT	
<i>Bifidobacterium</i>	F: TCGCGTCYGGTGTGAAAG	128
	R: GGTGTTCTTCCCGATATCTACA	
Total bacteria	F: GTGSTGCAYGGYYGTCGTCA	123
	R: ACGTCRTCCMCNCCTTCCTC	
