

Table SI. Detailed clinical characteristics of human specimens.

Catergory	Age, years	Sex	Height (cm)	Weight (kg)	BMI	KL grading
Non-obese	72	M	168	56.4	20.3	IV
	69	F	152	49.7	21.5	IV
	67	M	167	55.4	19.9	III
	74	F	150	52.6	23.4	IV
	76	F	153	55.4	23.7	IV
	70	F	148	59.8	27.3	IV
Obese	74	F	154	67.6	28.5	IV
	69	F	150	66.4	29.5	IV
	73	M	170	83.6	28.9	III
	71	F	149	65.1	29.3	IV
	68	M	168	83.3	29.5	IV
	74	F	153	65.9	28.2	IV

M, Male; F, Female; KL, Kellgren-Lawrence.

Table SII. Statistical comparison of baseline characteristics between obese and non-obese groups.

	Non-obese (n=6)	Obese (n=6)	P-value
Age, years	71.33±3.33	71.50±2.59	0.925
Sex			P>0.999
Male	2	2	
Female	4	4	
Height, cm	156.33±8.82	157.33±9.25	0.852
Weight, kg	54.88±3.44	71.98±8.92	0.001
BMI, kg/m ²	22.68±2.75	28.98±0.55	<0.001
KL grading			P>0.999
III	1	1	
IV	5	5	
Leptin, ng/ml	8.18±2.83	14.51±2.34	0.001

Kellgren-Lawrence.