

Supplementary Table 1. Demographics of the study subjects.

Subject ID	BMI (kg/m²)	Age (years)	Ethnicity	Condition
Lean Group				
1	19.97	57	Caucasian	HC*
2	20.17	56	Caucasian	Hypertension
3	23.18	60	Caucasian	HC
4	22.31	56	Caucasian	Hypertension, Other
5	22.48	58	Black/West Indian	HC
6	19.53	63	Caucasian	HC, Osteoporosis
7	22.27	60	Caucasian	HC, Other
8	21.63	58	Caucasian	HC
9	22.50	61	Caucasian	HC, Osteoarthritis
10	23.49	62	Caucasian	HC, Osteopenia
11	23.96	63	Black/African American	HC, Osteoarthritis
12	24.56	47	Caucasian	HC
13	22.14	30	Caucasian	HC
14	23.18	46	Caucasian/Latino/Hispanic	HC, Other
15	22.59	58	Caucasian	Hypertension, Other
16	23.41	60	Asian	HC, Hypertension, Other
17	19.48	62	Caucasian	HC
18	23.24	61	American Indian/Alaska Native	HC
19	24.80	34	Caucasian	HC
20	23.04	61	Caucasian	HC, Other
Overweight group				
21	28.34	68	Caucasian	HC, Hypertension
22	29.12	67	Caucasian	HC, Hypertension
23	28.83	53	Black/West Indian	Hypertension
24	25.84	52	Caucasian	Hypertension
25	26.54	66	Caucasian	HC, Hypertension, Other
26	29.86	56	Caucasian	Hypertension
27	25.32	57	Caucasian	HC, Hypertension
28	29.45	61	Caucasian	HC, Hypertension
29	25.82	66	Caucasian	HC, Osteoporosis
30	28.19	45	Caucasian	HC, Other
31	27.43	58	Caucasian	HC
32	25.88	66	Caucasian	HC, Osteoarthritis
33	25.84	68	Caucasian	HC, Hypertension, Osteoarthritis, Other
34	25.84	59	Black/African American	HC
35	26.15	64	Caucasian	HC
36	25.79	61	Caucasian	Hypertension

37	27.43	56	Asian	HC
38	25.01	53	Caucasian	Hypertension
39	25.85	61	Caucasian	HC, Hypertension
40	27.37	57	Caucasian	HC, Hypertension

*HC (High cholesterol levels)