Table S2. Comparison of those STRIP 26-year follow-up study participants who provided a fecal sample that was successfully sequenced (n=357) and those who either did not provide a fecal sample or whose sample was excluded from the final analyses (n=189). The presented values are mean (SD), except for triglycerides, insulin, and HOMA-IR, for which median [IQR] are shown. P-values are adjusted for sex.

	Fecal sample sequenced (n = 357)	Fecal sample not sequenced (n = 189)	p-value
BMI, kg/m²	24.3 (4.24)	24.8 (4.63)	0.20
Waist circumference, cm	80.4 (11.5)	82.2 (11.1)	0.12
Systolic blood pressure, mmHg	120.8 (11.3)	120.9 (10.0)	0.76
Diastolic blood pressure, mmHg	71.9 (7.67)	72.0 (6.85)	0.92
	n = 342	**n = 167**	
Physical activity, MET h/wk	24.6 (19.1)	24.3 (18.5)	0.88
	n = 356	**n = 188**	
Total cholesterol, mmol/L	4.56 (0.90)	4.69 (0.88)	0.10
HDL cholesterol, mmol/L	1.34 (0.34)	1.33 (0.29)	0.68
LDL cholesterol, mmol/L	2.76 (0.75)	2.87 (0.76)	0.11
Triglycerides, mmol/L	0.9 [0.5]	1.0 [0.6]	0.081
Insulin, mU/L	6.7 [3.9]	7.1 [4.0]	0.40
Glucose, mmol/L	5.0 (0.59)	5.1 (1.09)	0.26
HOMA-IR	1.5 [1.0]	1.6 [1.0]	0.33
	n = 326	**n = 146**	
Total energy intake, kcal/day	2028 (578)	1913 (573)	0.093
Protein, E%	19.5 (5.11)	19.0 (5.39)	0.40
Carbohydrates, E%	41.0 (7.96)	41.6 (7.97)	0.53
Sucrose, E%	6.0 (3.3)	6.0 (3.3)	0.74
Fat, E%	37.5 (7.14)	36.8 (6.84)	0.31
SAFA, E%	13.5 (3.51)	13.3 (3.48)	0.56
MUFA, E%	13.1 (3.8)	12.7 (3.4)	0.25
PUFA, E%	6.6 (2.2)	6.6 (2.2)	1.00
(P+M)/S	1.55 (0.55)	1.54 (0.51)	0.84
P/S	0.53 (0.25)	0.54 (0.26)	0.68
Dietary cholesterol, mg/day	313 (190)	290 (175)	0.35
Fiber intake, g/day	19.8 (8.1)	18.2 (8.8)	0.052
Fiber intake, g/MJ	2.39 (0.85)	2.32 (0.99)	0.26
Fiber rich grains, g/day	71.3 (43.2)	70.5 (44.0)	1.00
Vegetables, fruit, and berries, g/day	355 (216)	295 (226)	0.003
Sodium, mg/day	2968 (995)	2769 (927)	0.083

SAFA, saturated fatty acids; MUFA, monounsaturated fatty acids; PUFA, polyunsaturated fatty acids; E%, percentage of energy intake; (P+M)/S, polyunsaturated and monounsaturated fat to saturated fat ratio; HOMA-IR, homeostatic model assessment of insulin resistance.