Supplemental Table 1.   Correlation between characteristics of the participants and the selected CpG sites for *SERPINE1* gene

Characteristics CpG ID	CpG1	CpG2	CpG3	CpG4	CpG5	CpG6	CpG7	CpG8	CpG9	CpG10
Body weight (kg)	–0.029	0.106	–0.066	–0.191	–0.050	0.141	0.263	0.148	0.097	0.112
BMI (kg/m²)	–0.088	–0.018	0.052	–0.169	–0.211	0.145	0.062	0.383*	0.012	–0.161
Waist circumference (cm)	0.097	0.121	0.133	–0.125	–0.108	0.155	0.065	0.228	0.091	0.100
Triceps skinfold (mm)	–0.133	0.119	0.208	0.066	–0.218	0.095	–0.272	0.344*	–0.245	–0.265[1]
Bioimpedance Total Fat mass (%)	–0.164	0.051	0.180	–0.133	–0.353*	0.117	–0.110	0.238	–0.139	–0.288[1]
Bioimpedance Total Fat mass (kg)	–0.143	0.123	0.075	–0.231	–0.274	0.196	0.117	0.271	–0.021	–0.123
DXA Total Fat mass (%)	–0.123	0.083	0.224	–0.009	–0.333*	0.187	–0.242	0.220	–0.106	–0.369*
DXA Trunk Fat mass (%)	–0.156	0.303*	0.287	–0.152	–0.221	0.358*	–0.106	–0.007	0.022	–0.258[1]
DXA Android Fat mass (%)	–0.147	0.331*	0.289	–0.150	–0.232	0.383*	–0.113	–0.032	0.021	–0.019
DXA Total Fat mass (kg)	–0.116	0.176	0.086	–0.173	–0.259	0.258	0.069	0.272	0.023	–0.153
Glucose (mg/dl)	0.132	–0.096	0.374*	0.164	–0.201	0.198	–0.142	0.153	0.173	–0.191
Insulin (μU/ml)	–0.087	0.095	0.005	–0.135	–0.091	–0.039	0.147	0.126	–0.031	0.088
HOMA-IR	–0.001	0.024	0.133	–0.051	–0.127	0.098	0.131	0.116	0.047	0.000
Total cholesterol (mg/dl)	–0.009	0.152	–0.104	–0.044	0.258	–0.036	–0.074	–0.201	0.139	0.115
HDL-c (mg/dl)	0.017	–0.043	–0.197	–0.099	0.065	0.010	0.035	–0.069	0.076	0.072
Triglycerides (mg/dl)	–0.228	0.274	0.228	–0.064	–0.032	–0.023	–0.083	0.026	–0.121	0.055
SBP (mmHg)	0.086	–0.031	0.208	–0.151	–0.149	0.170	0.067	–0.001	–0.123	0.138
DBP (mmHg)	–0.131	–0.005	0.200	–0.308*	–0.329*	–0.010	0.131	0.195	–0.256	0.019
CRP (mg/l)	–0.002	0.013	0.061	–0.167	–0.048	0.178	0.105	0.132	–0.027	–0.109
PAI-1 (ng/ml)	0.227	–0.119	0.276	0.043	–0.133	0.136	0.046	0.261	0.160	–0.070
IL-6 (pg/ml)	–0.086	0.229	0.300	–0.058	–0.143	0.185	–0.109	0.233	0.093	–0.314*
TNF-α (pg/ml)	0.044	–0.182	–0.104	–0.156	–0.065	–0.036	0.203	–0.108	–0.028	0.277[1]
Energy intake (kcal)	–0.035	0.101	–0.119	–0.113	0.087	0.070	0.287	–0.071	0.125	0.226

*$p<0.05$; [1]$p<0.100$. BMI: body mass index; DXA: dual-energy x-ray absoptiometry; HOMA-IR: homeostasis model assessment-insulin resistance; HDL-c: high density lipoprotein cholesterol; SBP: systolic blood pressure; DBP: diastolic blood pressure; CRP: c-reactive protein; PAI-1: plasminogen activator inhibitor-1; IL-6: interleukin-6; TNF-α: tumor necrosis factor-α.