

Supplementary Table S1. Genomic localization of annotated CpG sites within *SERPINE1* gene locus

CpGs	Genomic Location
cg20773815	chr7: 100, 768, 975
cg24539923	chr7: 100, 769, 903
cg19722814	chr7: 100, 769, 933
cg25826546	chr7: 100, 770, 061
cg20438404	chr7: 100, 770, 193
cg08506775	chr7: 100, 770, 286
cg02273392	chr7: 100, 770, 415
cg15874872	chr7: 100, 770, 435
cg20583316	chr7: 100, 771, 476
cg01971264	chr7: 100, 773, 079
cg08792542	chr7: 100, 773, 718
cg12584355	chr7: 100, 773, 852
cg11353706	chr7: 100, 774, 811
cg01975495	chr7: 100, 779, 018
cg02704552	chr7: 100, 781, 178

Note : The genomic location of each of the CpG sites was reported using the GRCh37/hg19 version of human genome [26]. Abbreviation: CpGs, Cytosine-phosphate-Guanine.

Supplementary Table S2. Correlation map of DNA methylation levels in blood cells collected at 5 years of age in children (boys and girls) for 15 CpG sites annotated at SERPINE1 locus.

Boys and girls n = 323	20773815	24539923	19722814	25826546	20438404	08506775	02273392	15874872	20583316	01971264	08792542	12584355	11353706	01975495	02704552
Mean % (SD)	(0.02)	(0.01)	(0.01)	(0.01)	(0.01)	(0.02)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.02)	(0.04)	(0.04)
cg20773815	1	0.075	-0.122	0.025	-0.040	-0.196*	-0.017	0.030	-0.016	0.153*	0.166*	0.123	0.161*	-0.051	0.064
		0.176	0.029	0.654	0.477	<0.001	0.761	0.594	0.776	0.006	0.003	0.027	0.004	0.361	0.255
cg24539923	1	0.230*	0.053	-0.023	0.120	0.056	0.140	0.100	-0.122	-0.122	0.048	0.022	0.123	-0.010	
		<0.001	0.344	0.680	0.031	0.312	0.012	0.073	0.029	0.028	0.393	0.689	0.028	0.852	
cg19722814	1	0.167*	0.134	0.027	0.104	0.075	0.107	-0.273*	-0.150*	0.092	0.106	0.256*	0.106		
			0.003	0.016	0.629	0.062	0.178	0.056	<0.001	0.007	0.099	0.056	<0.001	0.058	
cg25826546		1	0.145*	0.039	0.047	0.013	0.110	-0.114	-0.078	-0.053	0.140	0.149*	0.037		
				0.009	0.489	0.402	0.816	0.049	0.040	0.160	0.345	0.012	0.007	0.503	
cg20438404				1	-0.152*	0.129	0.073	0.050	-0.084	-0.092	0.050	0.092	-0.033	0.028	
					0.006	0.021	0.189	0.370	0.134	0.100	0.374	0.099	0.551	0.618	
cg08506775					1	0.001	-0.019	-0.018	-0.071	-0.014	-0.050	0.050	0.092	-0.122	
						0.993	0.729	0.747	0.204	0.803	0.370	0.369	0.098	0.029	
cg02273392						1	0.151*	0.054	-0.108	0.016	-0.076	0.003	0.014	0.079	
							0.006	0.333	0.052	0.773	0.174	0.958	0.807	0.155	
cg15874872							1	-0.054	-0.075	-0.024	0.004	0.016	0.049	-0.041	
								0.330	0.178	0.673	0.936	0.773	0.383	0.459	
cg20583316								1	-0.162*	-0.058	-0.071	0.021	0.016	-0.076	
									0.003	0.302	0.204	0.703	0.775	0.171	
cg01971264									1	0.257*	0.071	0.014	-0.094	0.081	
										<0.001	0.203	0.798	0.092	0.146	
cg08792542										1	0.059	0.065	0.009	0.032	
											0.287	0.241	0.869	0.566	
cg12584355											1	0.058	0.138	0.098	
												0.298	0.013	0.080	
cg11353706												1	0.214*	0.028	
													<0.001	0.619	
cg01975495													1	0.244*	
														<0.001	
cg02704552														1	

Note: CpG sites associated with adiposity (P-value < 0.05 before correction for multiple testing) are represented in red and CpG site associated with plasma PAI-1 levels is represented in blue. The first line of each CpG sites corresponds to the Pearson's partial correlation coefficient whereas the second line corresponds to the P-value of the association. Model adjusted for age, sex, batch effect and cell type. Significant results with P-value < 0.05 are in bold. *Significant result with P-value < 0.010.

Supplementary Table S3. Correlation map of DNA methylation levels in blood cells collected at 5 years of age in girls for 15 CpG sites annotated at *SERPINE1* locus.

Girls n = 146	20773815	24539923	19722814	25826546	20438404	08506775	02273392	15874872	20583316	01971264	08792542	12584355	11353706	01975495	02704552
Mean % (SD)	0.87 (0.02)	0.06 (0.01)	0.04 (0.01)	0.04 (0.01)	0.03 (0.01)	0.06 (0.02)	0.02 (0.01)	0.04 (0.01)	0.03 (0.01)	0.93 (0.01)	0.96 (0.01)	0.93 (0.01)	0.83 (0.03)	0.30 (0.04)	0.80 (0.03)
cg20773815	1	-0.006	-0.226*	-0.037	-0.078	-0.164	-0.101	-0.059	-0.078	0.198	0.228*	0.138	0.249*	-0.085	0.159
		0.939	0.006	0.655	0.348	0.048	0.227	0.478	0.352	0.017	0.006	0.096	0.002	0.309	0.055
cg24539923	1	0.302*	-0.014	-0.055	0.267*	0.132	0.103	0.098	-0.211	-0.111	0.038	-0.035	0.135	0.014	
		<0.001	0.867	0.507	0.001	0.111	0.218	0.239	0.010	0.183	0.646	0.671	0.105	0.866	
cg19722814	1	0.259*	0.058	0.039	0.064	0.007	0.146	-0.295*	-0.222*	0.072	0.155	0.316*	0.187		
		0.002	0.487	0.639	0.442	0.930	0.079	<0.001	0.007	0.389	0.061	<0.001	0.024		
cg25826546	1	0.235*	-0.011	0.077	0.179	0.131	-0.204	-0.122	-0.113	0.267*	0.221*	0.091			
		0.004	0.895	0.357	0.030	0.114	0.013	0.143	0.175	0.001	0.007	0.274			
cg20438404	1	-0.158	0.022	0.029	0.039	-0.083	-0.148	0.064	0.201	-0.016	-0.146				
		0.057	0.789	0.731	0.641	0.317	0.075	0.440	0.015	0.849	0.079				
cg08506775	1	-0.025	0.008	-0.034	-0.140	-0.094	-0.058	-0.064	0.060	-0.152					
		0.766	0.928	0.687	0.093	0.259	0.484	0.441	0.471	0.067					
cg02273392	1	0.196	0.118	-0.042	0.012	-0.056	0.041	0.111	0.110						
		0.018	0.158	0.615	0.881	0.500	0.624	0.183	0.186						
cg15874872	1	-0.104	-0.067	0.026	0.012	-0.075	-0.004	-0.054							
		0.210	0.419	0.755	0.883	0.366	0.965	0.518							
cg20583316	1	-0.302*	-0.052	-0.008	0.072	0.080	-0.082								
		<0.001	0.533	0.924	0.388	0.339	0.323								
cg01971264	1	0.256*	0.034	-0.041	-0.036	0.027									
		0.002	0.682	0.621	0.670	0.742									
cg08792542	1	0.087	0.144	0.006	-0.004										
		0.297	0.082	0.940	0.958										
cg12584355	1	0.034	0.100	-0.001											
		0.683	0.228	0.995											
cg11353706	1	0.221*	0.015												
		0.007	0.856												
cg01975495	1	0.288*													
		<0.001													
cg02704552	1														

Note: CpG sites associated with adiposity (P-value < 0.05 before correction for multiple testing) are represented in red and CpG site associated with plasma PAI-1 levels is represented in blue. The first line of each CpG sites corresponds to the Pearson's partial correlation coefficient whereas the second line corresponds to the P-value of the association. Model adjusted for age, batch effect and cell type. Significant results with P-value < 0.05 are in bold. *Significant result with P-value < 0.010.

Supplementary Table S4. Correlation map of DNA methylation levels in blood cells collected at 5 years of age in boys for 15 CpG sites annotated at *SERPINE1* locus.

Boys n = 177	20773815	24539923	19722814	25826546	20438404	08506775	02273392	15874872	20583316	01971264	08792542	12584355	11353706	01975495	02704552
Mean % (SD)	0.87 (0.01)	0.06 (0.01)	0.04 (0.01)	0.04 (0.01)	0.03 (0.01)	0.05 (0.02)	0.02 (0.01)	0.04 (0.01)	0.03 (0.01)	0.93 (0.01)	0.95 (0.01)	0.93 (0.01)	0.83 (0.02)	0.30 (0.05)	0.79 (0.04)
cg20773815	1	0.162	-0.011	0.102	-0.004	-0.223*	0.055	0.117	0.041	0.113	0.106	0.111	0.075	-0.022	-0.008
		0.031	0.881	0.175	0.956	0.003	0.471	0.120	0.592	0.133	0.159	0.142	0.319	0.769	0.920
cg24539923	1	0.172	0.105	0.008	-0.007	0.004	0.177	0.103	-0.050	-0.143	0.047	0.070	0.112	-0.042	
		0.022	0.164	0.917	0.931	0.959	0.019	0.174	0.512	0.058	0.533	0.357	0.137	0.580	
cg19722814	1	0.083	0.208*	0.036	0.133	0.143	0.070	-0.251*	-0.066	0.126	0.064	0.214*	0.055		
			0.274	0.006	0.634	0.077	0.058	0.352	0.001	0.382	0.096	0.400	0.004	0.465	
cg25826546	1	0.063	0.057	0.034	-0.155	0.092	-0.036	-0.047	-0.003	-0.001	0.087	-0.026			
			0.407	0.449	0.650	0.039	0.223	0.638	0.535	0.967	0.988	0.249	0.728		
cg20438404	1	-0.145	0.211*	0.112	0.059	-0.083	-0.040	0.039	-0.003	-0.046	0.155				
			0.054	0.005	0.139	0.435	0.273	0.599	0.610	0.970	0.546	0.039			
cg08506775	1	0.032	-0.037	-0.007	-0.028	0.036	-0.059	0.131	0.111	0.131	0.111	-0.124			
			0.676	0.624	0.931	0.707	0.632	0.435	0.083	0.143	0.101				
cg02273392	1	0.114	0.006	-0.157	0.026	-0.086	-0.024	0.755	0.488	0.356					
			0.131	0.942	0.037	0.729	0.253	0.755	0.488	0.356					
cg15874872	1	-0.012	-0.081	-0.069	-0.001	0.102	0.090	-0.030							
			0.869	0.283	0.364	0.987	0.177	0.233	0.690						
cg20583316	1	-0.052	-0.063	-0.127	-0.022	-0.030	-0.073								
			0.489	0.408	0.091	0.774	0.694	0.337							
cg01971264	1	0.256*	0.101	0.060	-0.137	0.115									
				0.001	0.179	0.425	0.068	0.127							
cg08792542	1	0.025	-0.014	0.010	0.051										
			0.739	0.850	0.897	0.498									
cg12584355	1	0.076	0.169	0.167	0.312	0.025	0.027								
cg11353706	1	0.209*	0.031			0.005	0.685								
cg01975495	1	0.216*	0.004												
cg02704552	1														

Note: CpG sites associated with adiposity (P-value < 0.05 before correction for multiple testing) are represented in red and CpG site associated with plasma PAI-1 levels is represented in blue. The first line of each CpG sites corresponds to the Pearson's partial correlation coefficient whereas the second line corresponds to the P-value of the association. Model adjusted for age, batch effect and cell type. Significant results with P-value < 0.05 are in bold. *Significant result with P-value < 0.010.

Supplementary Table S5. Associations between plasma PAI-1 levels and adiposity markers in all children aged 5 years old with values of an interaction term between plasma PAI-1 levels and sex for each of the associations tested.

	Log ₁₀ Waist circumference ^a , cm N = 341	Log ₁₀ DXA trunk fat ^a , % N = 308	Log ₁₀ DXA android fat ^a , % N = 308	Log ₁₀ DXA total fat, ^a % N = 308	Log ₁₀ Total skinfold ^{a,c} , mm N = 291	BMI z-score ^a N = 341
Log₁₀ PAI-1 plasma level, ng/ml	r = 0.095 p = 0.081	r = 0.108 p = 0.059	r = 0.092 p = 0.109	r = 0.104 p = 0.070	r = 0.058 p = 0.287	r = 0.036 p = 0.506
Interaction term						
Log₁₀ PAI-1 plasma level, ng/ml	β_{PAI-1} : 0.014 β_{inter} : -0.008 p_{inter} : 0.477	β_{PAI-1} : 0.018 β_{inter} : 0.008 p_{inter} : 0.725	β_{PAI-1} : 0.018 β_{inter} : 0.005 p_{inter} : 0.838	β_{PAI-1} : 0.014 β_{inter} : 0.008 p_{inter} : 0.675	β_{PAI-1} : 0.036 β_{inter} : -0.026 p_{inter} : 0.549	β_{PAI-1} : 0.218 β_{inter} : -0.198 p_{inter} : 0.570

Note: r is the Pearson's partial correlation coefficient. β_{PAI-1} : Regression coefficient of plasma PAI-1 levels in girls. β_{inter} : Regression coefficient of the interaction term (plasma PAI-1*sex). P_{inter} : P-value of the interaction term. ^aModel adjusted for age, sex, batch effect and cell type heterogeneity.

Abbreviations: BMI, body mass index; DXA, Dual-energy X-ray absorptiometry. ^cTotal skinfolds thickness is the sum of biceps, triceps, subscapular and suprailiac skinfolds.

Supplementary Table S6. Associations between blood cells DNAm and adiposity markers and plasma PAI-1 levels in all children aged 5 years old and stratified by sex only for CpG sites with an interaction term.

	Adiposity markers						$\text{Log}_{10} \text{PAI-1}$ plasma level, ng/ml^b
	Log_{10} Waist circumference ^a , cm	Log_{10} DXA trunk fat ^a , %	Log_{10} DXA android fat ^a , %	Log_{10} DXA total fat ^a , %	Log_{10} Total skinfold ^{ac} , mm	BMI z- score ^a	
	All children						
	N = 323	N = 297	N = 297	N = 297	N = 322	N = 323	N = 321
cg20773815	r = -0.070 p = 0.219	r = -0.051 p = 0.392	r = -0.089 p = 0.131	r = -0.044 p = 0.461	r = -0.117 p = 0.038	r = -0.059 p = 0.297	r = 0.041 p = 0.469
cg24539923	r = -0.032 p = 0.566	r = 0.004 p = 0.948	r = 0.008 p = 0.896	r = 0.023 p = 0.696	r = 0.011 p = 0.852	r = 0.031 p = 0.582	r = -0.074 p = 0.194
cg19722814	r = -0.072 p = 0.203	r = -0.076 p = 0.197	r = -0.057 p = 0.338	r = -0.049 p = 0.406	r = -0.052 p = 0.362	r = -0.064 p = 0.262	r = -0.097 p = 0.088
cg25826546	r = -0.006 p = 0.921	r = -0.096 p = 0.103	r = -0.088 p = 0.135	r = -0.102 p = 0.085	r = -0.035 p = 0.537	r = -0.052 p = 0.360	r = -0.076 p = 0.179
cg20438404	r = -0.013 p = 0.824	r = -0.029 p = 0.624	r = -0.017 p = 0.770	r = -0.053 p = 0.371	r = -0.034 p = 0.554	r = -0.028 p = 0.617	r = 0.075 p = 0.183
cg08506775	r = 0.055 p = 0.333	r = 0.033 p = 0.582	r = 0.084 p = 0.153	r = 0.070 p = 0.236	r = 0.096 p = 0.089	r = 0.083 p = 0.140	r = 0.064 p = 0.261
cg02273392	r = -0.042 p = 0.463	r = -0.019 p = 0.754	r = -0.006 p = 0.914	r = 0.001 p = 0.991	r = -0.054 p = 0.338	r = -0.036 p = 0.520	r = -0.035 p = 0.538
cg15874872	r = -0.031 p = 0.589	r = -0.007 p = 0.908	r = 0.028 p = 0.634	r = 0.011 p = 0.849	r = -0.046 p = 0.415	r = 0.001 p = 0.981	r = 0.086 p = 0.129
cg20583316	r = 0.015 p = 0.796	r = 0.053 p = 0.371	r = 0.063 p = 0.285	r = 0.055 p = 0.348	r = 0.064 p = 0.256	r = 0.031 p = 0.590	r = 0.026 p = 0.642
cg01971264	r = -0.001 p = 0.992	r = 0.124 p = 0.035	r = 0.082 p = 0.167	r = 0.094 p = 0.110	r = 0.071 p = 0.207	r = 0.036 p = 0.525	r = 0.062 p = 0.275
cg08792542	r = -0.022 p = 0.699	r = -0.001 p = 0.982	r = -0.017 p = 0.768	r = 0.000 p = 0.997	r = -0.016 p = 0.780	r = -0.016 p = 0.782	r = 0.072 p = 0.202
cg12584355	r = 0.049 p = 0.387	r = -0.017 p = 0.777	r = 0.066 p = 0.263	r = -0.054 p = 0.357	r = -0.031 p = 0.587	r = -0.040 p = 0.475	r = -0.081 p = 0.155
cg11353706	r = -0.127 p = 0.024	r = 0.777 p = -0.126	r = -0.130 p = 0.028	r = -0.107 p = 0.070	r = -0.085 p = 0.136	r = -0.085 p = 0.133	r = 0.128 p = 0.023
cg01975495	r = -0.072 p = 0.203	r = -0.030 p = 0.610	r = -0.013 p = 0.823	r = -0.048 p = 0.420	r = -0.049 p = 0.384	r = -0.053 p = 0.352	r = 0.053 p = 0.352
cg02704552	r = 0.053 p = 0.349	r = 0.610 p = 0.047	r = 0.024 p = 0.690	r = 0.041 p = 0.488	r = 0.020 p = 0.727	r = 0.063 p = 0.267	r = -0.083 p = 0.145
Girls							
	N = 146	N = 136	N = 136	N = 136	N = 145	N = 146	N = 144
cg25826546	r = -0.054 P = 0.532	r = -0.192 p = 0.030	r = -0.151 P = 0.089	r = -0.207 p = 0.019	r = -0.032 P = 0.711	r = -0.084 p = 0.326	
cg11353706	r = -0.258 p = 0.002	r = -0.189 p = 0.032	r = -0.215 p = 0.015	r = -0.203 p = 0.021	r = -0.212 p = 0.013	r = -0.278 p < 0.001	
cg01975495	r = -0.174 p = 0.042	r = -0.152 p = 0.086	r = -0.154 p = 0.082	r = -0.207 p = 0.019	r = -0.152 p = 0.076	r = -0.146 p = 0.088	
cg02273392	r = 0.109 p = 0.220	r = 0.134 p = 0.133	r = 0.151 p = 0.090	r = 0.172 p = 0.052	r = 0.150 p = 0.090	r = 0.111 p = 0.212	
cg19722814							r = -0.056 p = 0.515
Boys							
	N = 177	N = 161	N = 161	N = 161	N = 177	N = 177	N = 177
cg25826546	r = 0.097 p = 0.233	r = 0.043 p = 0.594	r = 0.016 p = 0.843	r = 0.044 p = 0.593	r = 0.021 p = 0.796	r = 0.002 p = 0.977	
cg11353706	r = 0.024	r = 0.018	r = 0.034	r = 0.035	r = 0.050	r = 0.095	

	p = 0.767	p = 0.829	p = 0.673	p = 0.667	p = 0.537	p = 0.243	
cg01975495	r = 0.038 p = 0.645	r = 0.081 0.319	r = 0.125 p = 0.124	r = 0.090 p = 0.269	r = 0.022 p = 0.789	r = 0.019 p = 0.817	
cg02273392	r = -0.155 p = 0.041	r = -0.148 p = 0.063	r = -0.146 p = 0.067	r = -0.130 p = 0.102	r = -0.172 p = 0.023	r = -0.112 p = 0.139	
cg19722814							r = -0.178 p = 0.021

Note: r is the Pearson's partial correlation coefficient. ^aModel adjusted for age, sex (only when tested in all children together), batch effect and cell type heterogeneity and significant result with P-value <0.017 are in bold (considering three independent groups of adiposity markers). ^bModel additionally adjusted for BMI and significant P-value < 0.050 are in bold. Abbreviations: BMI, body mass index; DXA, Dual-energy X-ray absorptiometry. ^cTotal skinfolds thickness is the sum of biceps, triceps, subscapular and suprailiac skinfolds.

Supplementary Table S7. Interaction term between DNA methylation and sex and its association with adiposity markers and plasma PAI-1 levels.

DNAm level (M- value)	Adiposity markers						\log_{10} PAI-1, pg/ml
	\log_{10} Waist circumference, cm	\log_{10} DXA trunk fat, %	\log_{10} DXA android fat, %	\log_{10} DXA total fat, %	\log_{10} Total skinfold ^a , mm	BMI z-score	
cg20773815	β_{met} : -0.017 β_{inter} : 0.011 p_{inter} : 0.541	β_{met} : -0.028 β_{inter} : 0.026 p_{inter} : 0.482	β_{met} : -0.055 β_{inter} : 0.053 p_{inter} : 0.202	β_{met} : -0.014 β_{inter} : 0.006 p_{inter} : 0.864	β_{met} : -0.111 β_{inter} : 0.082 p_{inter} : 0.246	β_{met} : -0.374 β_{inter} : 0.175 p_{inter} : 0.758	β_{met} : 0.103 β_{inter} : -0.083 p_{inter} : 0.643
	β_{met} : 0.002 β_{inter} : -0.009 p_{inter} : 0.379	β_{met} : 0.011 β_{inter} : -0.022 p_{inter} : 0.314	β_{met} : 0.003 β_{inter} : -0.002 p_{inter} : 0.928	β_{met} : 0.014 β_{inter} : -0.021 p_{inter} : 0.282	β_{met} : 0.042 β_{inter} : -0.075 p_{inter} : 0.066	β_{met} : 0.258 β_{inter} : -0.322 p_{inter} : 0.322	β_{met} : -0.040 β_{inter} : -0.055 p_{inter} : 0.592
	β_{met} : -0.007 β_{inter} : 0.001 p_{inter} : 0.869	β_{met} : -0.020 β_{inter} : 0.015 p_{inter} : 0.361	β_{met} : -0.021 β_{inter} : 0.022 p_{inter} : 0.223	β_{met} : -0.015 β_{inter} : 0.016 p_{inter} : 0.255	β_{met} : -0.024 β_{inter} : 0.015 p_{inter} : 0.614	β_{met} : -0.253 β_{inter} : 0.181 p_{inter} : 0.456	β_{met} : 0.003 β_{inter} : -0.180 p_{inter} : 0.018
cg25826546	β_{met} : -0.009 β_{inter} : 0.018 p_{inter} : 0.098	β_{met} : -0.046 β_{inter} : 0.062 p_{inter} : 0.005	β_{met} : -0.043 β_{inter} : 0.054 p_{inter} : 0.025	β_{met} : -0.040 β_{inter} : 0.053 p_{inter} : 0.006	β_{met} : -0.030 β_{inter} : 0.038 p_{inter} : 0.356	β_{met} : -0.323 β_{inter} : 0.374 p_{inter} : 0.259	β_{met} : -0.088 β_{inter} : 0.038 p_{inter} : 0.718
	β_{met} : 0.001 β_{inter} : -0.004 p_{inter} : 0.740	β_{met} : -0.006 β_{inter} : 0.001 p_{inter} : 0.979	β_{met} : 0.004 β_{inter} : -0.015 p_{inter} : 0.521	β_{met} : -0.013 β_{inter} : 0.008 p_{inter} : 0.677	β_{met} : -0.007 β_{inter} : -0.009 p_{inter} : 0.816	β_{met} : -0.170 β_{inter} : 0.165 p_{inter} : 0.613	β_{met} : 0.138 β_{inter} : -0.129 p_{inter} : 0.206
	β_{met} : 0.004 β_{inter} : -0.003 p_{inter} : 0.320	β_{met} : 0.004 β_{inter} : -0.004 p_{inter} : 0.528	β_{met} : 0.007 β_{inter} : -0.002 p_{inter} : 0.734	β_{met} : 0.006 β_{inter} : -0.004 p_{inter} : 0.442	β_{met} : 0.020 β_{inter} : -0.016 p_{inter} : 0.188	β_{met} : 0.149 β_{inter} : -0.127 p_{inter} : 0.197	β_{met} : 0.002 β_{inter} : 0.025 p_{inter} : 0.432
cg02273392	β_{met} : 0.005 β_{inter} : -0.015 p_{inter} : 0.085	β_{met} : 0.018 β_{inter} : -0.037 p_{inter} : 0.035	β_{met} : 0.018 β_{inter} : -0.034 p_{inter} : 0.076	β_{met} : 0.020 β_{inter} : -0.035 p_{inter} : 0.021	β_{met} : 0.025 β_{inter} : -0.071 p_{inter} : 0.028	β_{met} : 0.135 β_{inter} : -0.382 p_{inter} : 0.144	β_{met} : -0.022 β_{inter} : -0.006 p_{inter} : 0.939
	β_{met} : -0.004 β_{inter} : 0.001 p_{inter} : 0.883	β_{met} : -0.011 β_{inter} : 0.018 p_{inter} : 0.382	β_{met} : 0.000 β_{inter} : 0.011 p_{inter} : 0.633	β_{met} : -0.006 β_{inter} : 0.014 p_{inter} : 0.426	β_{met} : -0.015 β_{inter} : -0.002 p_{inter} : 0.962	β_{met} : -0.151 β_{inter} : 0.298 p_{inter} : 0.335	β_{met} : 0.142 β_{inter} : -0.131 p_{inter} : 0.180
	β_{met} : 0.008 β_{inter} : -0.012 p_{inter} : 0.292	β_{met} : 0.014 β_{inter} : -0.005 p_{inter} : 0.823	β_{met} : 0.013 β_{inter} : -0.005 p_{inter} : 0.973	β_{met} : 0.002 β_{inter} : 0.001 p_{inter} : 0.545	β_{met} : 0.029 β_{inter} : -0.007 p_{inter} : 0.875	β_{met} : 0.154 β_{inter} : -0.106 p_{inter} : 0.764	β_{met} : -0.003 β_{inter} : 0.052 p_{inter} : 0.638
cg01971264	β_{met} : 0.007 β_{inter} : -0.012 p_{inter} : 0.402	β_{met} : 0.050 β_{inter} : -0.031 p_{inter} : 0.299	β_{met} : 0.044 β_{inter} : -0.036 p_{inter} : 0.280	β_{met} : 0.046 β_{inter} : -0.044 p_{inter} : 0.094	β_{met} : 0.057 β_{inter} : -0.036 p_{inter} : 0.520	β_{met} : 0.502 β_{inter} : -0.641 p_{inter} : 0.154	β_{met} : -0.035 β_{inter} : 0.209 p_{inter} : 0.142
	β_{met} : -0.018 β_{inter} : 0.030 p_{inter} : 0.067	β_{met} : -0.006 β_{inter} : 0.010 p_{inter} : 0.747	β_{met} : -0.002 β_{inter} : -0.006 p_{inter} : 0.864	β_{met} : 0.006 β_{inter} : -0.012 p_{inter} : 0.673	β_{met} : -0.051 β_{inter} : 0.083 p_{inter} : 0.177	β_{met} : -0.376 β_{inter} : 0.596 p_{inter} : 0.225	β_{met} : 0.034 β_{inter} : 0.130 p_{inter} : 0.401
	β_{met} : 0.004 β_{inter} : 0.008 p_{inter} : 0.681	β_{met} : -0.021 β_{inter} : 0.031 p_{inter} : 0.435	β_{met} : -0.008 β_{inter} : 0.033 p_{inter} : 0.452	β_{met} : -0.012 β_{inter} : -0.008 p_{inter} : 0.815	β_{met} : -0.035 β_{inter} : 0.030 p_{inter} : 0.680	β_{met} : -0.245 β_{inter} : 0.079 p_{inter} : 0.891	β_{met} : -0.136 β_{inter} : 0.012 p_{inter} : 0.946
cg11353706	β_{met} : -0.040 β_{inter} : 0.044 p_{inter} : 0.001	β_{met} : -0.065 β_{inter} : 0.066 p_{inter} : 0.020	β_{met} : -0.078 β_{inter} : 0.081 p_{inter} : 0.009	β_{met} : -0.054 β_{inter} : 0.059 p_{inter} : 0.018	β_{met} : -0.121 β_{inter} : 0.153 p_{inter} : 0.004	β_{met} : -1.153 β_{inter} : 1.561 p_{inter} : <0.001	β_{met} : 0.136 β_{inter} : 0.043 p_{inter} : 0.752
	β_{met} : -0.031 β_{inter} : 0.036 p_{inter} : 0.002	β_{met} : -0.060 β_{inter} : 0.085 p_{inter} : <0.001	β_{met} : -0.068 β_{inter} : 0.104 p_{inter} : <0.001	β_{met} : -0.056 β_{inter} : 0.074 p_{inter} : <0.001	β_{met} : -0.108 β_{inter} : 0.141 p_{inter} : 0.001	β_{met} : -0.739 β_{inter} : 0.900 p_{inter} : 0.011	β_{met} : 0.035 β_{inter} : 0.043 p_{inter} : 0.706

	β_{met} : 0.008	β_{met} : -0.006	β_{met} : -0.020	β_{met} : 0.001	β_{met} : -0.018	β_{met} : 0.161	β_{met} : -0.133
cg02704552	β_{inter} : -0.003	β_{inter} : 0.027	β_{inter} : 0.042	β_{inter} : 0.011	β_{inter} : 0.042	β_{inter} : 0.077	β_{inter} : 0.075
	p_{inter} : 0.819	p_{inter} : 0.276	p_{inter} : 0.128	p_{inter} : 0.614	p_{inter} : 0.357	p_{inter} : 0.833	p_{inter} : 0.513

Note: β_{met} : Regression coefficient of DNAm in girls. β_{inter} : Regression coefficient of the interaction term (DNAm*sex). P_{inter} : P-value of the interaction term. For adiposity markers, regression models are adjusted for age, sex, batch effect and cell type heterogeneity. For PAI-1 plasma levels, models are additionally adjusted for BMI z-score. Significant results with P-value < 0.05 are in bold. ^aTotal skinfolds is the sum of biceps, triceps, subscapular and suprailiac skinfolds thickness. Abbreviations: BMI, body mass index; DXA, Dual-energy X-ray absorptiometry.