





rs174570	n-6 PUFA	BMI (kg/m <sup>2</sup> )	-0.036	0.038	0.344	-0.007	0.010	0.485
rs174602	n-6 PUFA	BMI (kg/m <sup>2</sup> )	-0.001	0.034	0.967	-0.001	0.009	0.895
rs74771917	n-6 PUFA	BMI (kg/m <sup>2</sup> )	-0.067	0.056	0.227	-0.017	0.015	0.248
rs3168072	n-6 PUFA	BMI (kg/m <sup>2</sup> )	-0.065	0.059	0.271	-0.017	0.015	0.263
rs12577276	n-6 PUFA	BMI (kg/m <sup>2</sup> )	-0.057	0.058	0.326	-0.015	0.015	0.316
rs7115739	n-6 PUFA	BMI (kg/m <sup>2</sup> )	-0.068	0.059	0.250	-0.019	0.015	0.229
rs174570	n-6 PUFA	HDL-C (mmol/l)	0.008	0.006	0.211	0.017	0.013	0.186
rs174602	n-6 PUFA	HDL-C (mmol/l)	0.007	0.006	0.241	0.005	0.012	0.681
rs74771917	n-6 PUFA	HDL-C (mmol/l)	0.001	0.008	0.876	0.002	0.017	0.905
rs3168072	n-6 PUFA	HDL-C (mmol/l)	0.000	0.008	0.990	-0.002	0.017	0.901
rs12577276	n-6 PUFA	HDL-C (mmol/l)	-0.001	0.008	0.944	-0.004	0.017	0.835
rs7115739	n-6 PUFA	HDL-C (mmol/l)	0.002	0.008	0.834	0.003	0.017	0.858
rs174570	n-6 PUFA	LDL-C (mmol/l)	0.006	0.015	0.711	0.005	0.013	0.701
rs174602	n-6 PUFA	LDL-C (mmol/l)	0.030	0.014	0.034	0.025	0.012	0.033
rs74771917	n-6 PUFA	LDL-C (mmol/l)	0.027	0.020	0.173	0.024	0.017	0.166
rs3168072	n-6 PUFA	LDL-C (mmol/l)	0.031	0.020	0.134	0.026	0.017	0.127
rs12577276	n-6 PUFA	LDL-C (mmol/l)	0.029	0.020	0.153	0.025	0.017	0.145
rs7115739	n-6 PUFA	LDL-C (mmol/l)	0.025	0.020	0.225	0.022	0.017	0.212
rs174570	n-6 PUFA	Total cholesterol (mmol/l)	-0.002	0.012	0.892	-0.002	0.010	0.824
rs174602	n-6 PUFA	Total cholesterol (mmol/l)	0.025	0.010	0.019	0.020	0.008	0.016
rs74771917	n-6 PUFA	Total cholesterol (mmol/l)	0.012	0.017	0.482	0.010	0.014	0.472
rs3168072	n-6 PUFA	Total cholesterol (mmol/l)	0.016	0.018	0.375	0.014	0.015	0.357
rs12577276	n-6 PUFA	Total cholesterol (mmol/l)	0.019	0.018	0.296	0.016	0.015	0.273
rs7115739	n-6 PUFA	Total cholesterol (mmol/l)	0.014	0.018	0.429	0.012	0.015	0.398
rs174570	n-6 PUFA	Triglycerides (mmol/l)	0.003	0.008	0.737	-0.005	0.011	0.625
rs174602	n-6 PUFA	Triglycerides (mmol/l)	0.014	0.007	0.053	0.014	0.010	0.133
rs74771917	n-6 PUFA	Triglycerides (mmol/l)	0.013	0.012	0.252	0.020	0.015	0.182
rs3168072	n-6 PUFA	Triglycerides (mmol/l)	0.015	0.012	0.226	0.022	0.016	0.164
rs12577276	n-6 PUFA	Triglycerides (mmol/l)	0.016	0.012	0.198	0.024	0.016	0.139
rs7115739	n-6 PUFA	Triglycerides (mmol/l)	0.015	0.012	0.223	0.022	0.016	0.171
rs174570	n-6 PUFA	Fasting glucose (mmol/l)	-0.019	0.007	0.005	-0.026	0.010	0.009
rs174602	n-6 PUFA	Fasting glucose (mmol/l)	-0.003	0.006	0.621	-0.002	0.009	0.837
rs74771917	n-6 PUFA	Fasting glucose (mmol/l)	-0.001	0.010	0.884	0.000	0.015	0.980
rs3168072	n-6 PUFA	Fasting glucose (mmol/l)	-0.005	0.010	0.660	-0.004	0.016	0.777
rs12577276	n-6 PUFA	Fasting glucose (mmol/l)	-0.004	0.010	0.666	-0.004	0.015	0.804
rs7115739	n-6 PUFA	Fasting glucose (mmol/l)	-0.007	0.010	0.512	-0.008	0.016	0.616
rs174570	n-6 PUFA	2-h glucose (mmol/l)	-0.003	0.015	0.833	0.000	0.010	0.977
rs174602	n-6 PUFA	2-h glucose (mmol/l)	-0.001	0.013	0.939	0.000	0.009	0.995
rs74771917	n-6 PUFA	2-h glucose (mmol/l)	-0.025	0.022	0.257	-0.015	0.014	0.310
rs3168072	n-6 PUFA	2-h glucose (mmol/l)	-0.012	0.023	0.605	-0.005	0.015	0.729
rs12577276	n-6 PUFA	2-h glucose (mmol/l)	-0.017	0.023	0.456	-0.009	0.015	0.543
rs7115739	n-6 PUFA	2-h glucose (mmol/l)	-0.012	0.023	0.609	-0.006	0.015	0.713

$\beta$  - beta effect estimate; BMI - body mass index; HDL-C - high-density lipoprotein cholesterol; LDL-C - low-density lipoprotein cholesterol; PUFA - polyunsaturated fat intake; SE - standard error; SNP - single nucleotide polymorphism.