

Table S1 Habitual dietary intakes for the study group as a whole and according to *APOE*

genotype

	All (n=214)	<i>E2</i> carriers (n=30)	<i>E3/E3</i> (n=127)	<i>E4</i> carriers (n=57)	<i>P</i> (genotype) <sup>1</sup>
<b>Genotype Frequency (%)</b>	-	14	59	27	
Energy, MJ/d	8.6 ± 0.2	8.6 ± 0.4	8.3 ± 0.2	9.3 ± 0.4	0.410
Total fat, %TE	33.3 ± 0.4	34.5 ± 1.5	32.9 ± 0.5	33.6 ± 0.8	0.706
SFA, %TE	11.9 ± 0.2	12.6 ± 0.8	11.7 ± 0.2	12.0 ± 0.4	0.870
MUFA, %TE	11.8 ± 0.2	11.9 ± 0.5	11.8 ± 0.2	11.8 ± 0.3	0.969
n-6 PUFA, %TE	5.25 ± 0.12	5.39 ± 0.35	5.18 ± 0.15	5.33 ± 0.25	0.851
n-3 PUFA, %TE	0.87 ± 0.03	0.93 ± 0.12	0.85 ± 0.03	0.87 ± 0.06	0.752
Trans fatty acids, %TE	0.95 ± 0.03	1.10 ± 0.08 <sup>a</sup>	0.89 ± 0.03 <sup>b</sup>	0.99 ± 0.05 <sup>ab</sup>	0.031 <sup>2</sup>
Dietary cholesterol, mg/d	265 ± 9	290 ± 29	250 ± 11	285 ± 18	0.322
Protein, %TE	16.1 ± 0.2	16.3 ± 0.7	16.1 ± 0.3	16.0 ± 0.4	0.987
Carbohydrate, %TE	49.5 ± 0.5	48.8 ± 1.7	49.6 ± 0.6	49.5 ± 1.0	0.969
Dietary fibre (AOAC), g/d	22.4 ± 0.5	21.5 ± 1.5	22.1 ± 0.6	23.6 ± 1.1	0.410

Values represent mean ± SEM. Determined from a single 4-day weighed food and drink diary completed prior to the first study visit of the Dietary Intervention and Vascular Function (DIVAS) and DIVAS-2 studies; dietary assessments not available for n=2. *E2* carriers = *E2/E2* and *E2/E3*; *E4* carriers = *E3/E4* and *E4/E4*. *E2/E4* individuals were excluded from the analysis.

<sup>1</sup> Data analysed by univariate general linear model (ANCOVA) adjusted for age, BMI, and gender.

<sup>2</sup> Post-hoc analysis identified differences between genotype groups (identified by different superscript letters <sup>a,b,c</sup> within a row), although these were not significant following Bonferroni correction ( $P \geq 0.017$ ).

Abbreviations: %TE, percentage of total energy; AOAC, Association of Official Analytical Chemists; MUFA, monounsaturated fatty acids; PUFA, polyunsaturated fatty acids; SFA, saturated fatty acids.