

## Online Supporting Material

SUPPLEMENTAL TABLE 1. Conditional logistic regression models of the relation of *SHMT1* rs1979277 (1420 C→T) and *MTHFR* rs1801133 (677 C→T) genotypes to CHD risk, Nurses' Health Study (NHS), 1990-1998, and Health Professionals Follow-up Study (HPFS), 1994-2000.

Variables	NHS <sup>2,3</sup>			HPFS <sup>4</sup>		
	$\beta$	SE	P	$\beta$	SE	P
<i>SHMT1</i> 1420 C→T (TT vs. CC/CT)	-0.98	0.56	0.08	-0.40	0.47	0.39
<i>MTHFR</i> 677 C→T (CT vs. CC)	0.17	0.18	0.35	0.005	0.17	0.98
<i>MTHFR</i> 677 C→T (TT vs. CC)	0.22	0.29	0.44	-0.39	0.30	0.19
Interaction between <i>SHMT1</i> TT and <i>MTHFR</i> CT	1.30	0.69	0.06	-0.77	0.69	0.26
Interaction between <i>SHMT1</i> TT and <i>MTHFR</i> TT	N/A	N/A	N/A	0.014	0.83	0.99

<sup>1</sup> values from conditional logistic regression models are  $\beta$ , beta-coefficient; SE, standard error; and P, P value.

<sup>2</sup>n=652 cases and controls, unadjusted model.

<sup>3</sup>Due to lack of double homozygous variants in cases, the second interaction term could not be estimated.

<sup>4</sup>n=719 cases and controls, unadjusted model.