

Table S1: Inclusion and exclusion criteria for the genome-wide association study that identified SNPs of circulating alpha-tocopherol levels.

	Inclusion criteria	Exclusion criteria
Trial cohort		
ATBC Study	Male smokers at study entry, aged 50– 69 years, and residents of southwestern Finland.	History of cancer, had severe diseases limiting long-term participation or took supplements of vitamins E (>20 mg/day) or A (>20 000 IU/day) or beta-carotene (>6 mg/day)
Replicated cohort		
PLCO Study	Male and female participants of Caucasian descent, aged 55 to 74 years.	-
NHS Study	Female registered nurses, aged 30 to 55 years.	-

Abbreviations: ATBC, Alpha-Tocopherol, Beta-Carotene Cancer Prevention Study cohort; PLCO, Prostate, Lung, Colorectal, and Ovarian Cancer Screening Trial; NHS, Nurses' Health Study; SNPs, single nucleotide polymorphisms.