

Supplementary Table 1. Final subject counts from 10 studies used for association analysis

study	controls	all cases	cases		
			non-aggressive tumor	aggressive * tumor	unknown stage tumor
PLCO	927	973	425	548	0
CPS-II	1,644	1,636	651	826	159
ATBC	868	906	527	244	135
CeRePP	952	998	235	763	0
HPFS	589	595	417	109	69
EPIC	991	683	462	221	0
CONOR	662	606	0	0	0
MEC	687	682	341	226	115
JHU	451	990	489	498	3
CAPS	1,364	2,217	1,184	996	37
Total	9,135	10,286	4,731	4,431	518

*Aggressive tumors are defined by Gleason score >7.0 or stage 3/4 of disease.

Sets: Prostate, Lung, Colon and Ovarian (PLCO); American Cancer Society Cancer Prevention Study II Nutrition Cohort (CPS-II); Alpha-Tocopherol, Beta-Carotene Cancer Prevention Study (ATBC); CeRePP French Prostate Case-Control Study (CeRePP); Health Professionals Follow-up Study (HPFS); The European Prospective Investigation into Cancer and Nutrition (EPIC)⁴; Cohort of Norway (CONOR); The Multiethnic Cohort Study (MEC); Johns Hopkins University (JHU); The Cancer Prostate in Sweden study (CAPS)