

Supplementary Table 1. Number of pancreatic cancer cases and controls by cohort with leukocyte telomere length data, locally genotyped *TERT* SNPs, and *TERT* SNPs genotyped in the PanScan genome-wide association study

	No. of Pancreatic Cancer Cases / Controls			
	Before exclusion* (up to 2008)	Leukocyte telomere length (up to 2008)	Genotyped <i>TERT</i> SNPs (up to 2008)	<i>TERT</i> SNPs extracted from PanScan GWAS (up to 2014)
HPFS	76/176	69/156	69/155	77/133
NHS	106/312	101/298	94/280	110/520
PHS	67/174	64/164	63/164	61/53
WHI-OS	191/353	127/235	115/212	375/434
WHS	32/56	25/43	25/43	21/31
Total	472/1071	386/896	366/854	644/1171

Abbreviations: GWAS, genome-wide association study; HPFS, Health Professionals Follow-up Study; NHS, Nurses' Health Study; PHS, Physicians' Health Study; SNP, single nucleotide polymorphism; WHI-OS, Women's Health Initiative Observational Study; WHS, Women's Health Study

*Before exclusion of non-White subjects and exclusion of case-control sets where cases were diagnosed within 2 years of blood collection.

Supplementary Table 2. Characteristics of pancreatic cancer cases and matched controls by cohort

Characteristic	Prospective Cohort				
	HPFS	NHS	PHS	WHI	WHS
Cases					
No. of cases	69	101	64	127	25
Age, years, mean (SD)	65.6(8.1)	60.6(6.3)	57.5(9.6)	68.3(7.4)	57.4(8.1)
Men, %	100.0	0.0	100.0	0.0	0.0
Height, inches, mean (SD)	70.0(1.0)	64.7(1.2)	69.6(1.0)	64.3(1.7)	64.7(0.6)
Body mass index, kg/m ² , mean (SD)	25.4(1.4)	26.0(2.8)	25.8(1.3)	27.8(3.8)	26.4(1.3)
Physical activity, MET-hr/week, mean (SD)	37.6(17.0)	16.3(9.3)	12.0(4.8)	12.0(7.2)	23.6(6.1)
Smoking status, %					
Never	31.9	41.6	46.9	48.0	32.0
Past	58.0	38.6	31.3	40.9	44.0
Current	10.1	19.8	21.9	11.0	24.0
History of diabetes mellitus, %	4.3	5.0	3.1	9.4	4.0
Regular multivitamin use, %	52.2	45.5	28.1	44.1	24.0
Alcohol (≥ 1 drink/day), %	42.0	22.8	26.6	16.5	20.0
Controls					
No. of controls	156	298	164	235	43
Age, years, mean (SD)	65.6(8.1)	60.5(6.3)	55.5(8.5)	68.6(7.2)	56.7(7.9)
Men, %	100.0	0.0	100.0	0.0	0.0
Height, inches, mean (SD)	70.1(1.1)	64.5(1.5)	70.3(1.2)	64.5(1.3)	64.8(0.5)
Body mass index, kg/m ² , mean (SD)	25.8(1.4)	25.3(2.5)	24.8(1.1)	26.6(2.9)	26.1(1.0)
Physical activity, MET-hr/week, mean (SD)	40.9(18.4)	17.3(10.8)	13.3(5.5)	16.4(8.3)	16.8(5.3)
Smoking status, %					
Never	33.3	42.6	47.6	52.8	30.2
Past	55.1	42.6	30.5	39.6	51.2
Current	11.5	14.8	22.0	7.7	18.6
History of diabetes mellitus, %	4.5	3.7	1.2	4.3	2.3
Regular multivitamin use, %	46.2	45.6	20.7	43.4	30.2
Alcohol (≥ 1 drink/day), %	36.5	19.1	23.8	18.7	18.6

Abbreviations: HPFS, Health Professionals Follow-up Study; NHS, Nurses' Health Study; PHS, Physicians' Health Study; WHI-OS, Women's Health Initiative Observational Study; WHS, Women's Health Study