

Supplementary Table 1. SNPs used for *ABO* and *FUT2* allele genotyping

Allele	<i>ABO</i> SNPs			<i>FUT2</i> SNP
	rs8176704	rs8176746	rs505922	rs601338
A ₁	G	C	C	-
A ₂	A	C	C	-
B	G	A	C	-
O	G	C	T	-
Se	-	-	-	G
Se ⁰	-	-	-	A

Se and Se⁰ refer to secretor and non-secretor allele, respectively

Supplementary Table 2. *ABO* and *FUT2* genotype frequencies of blood donor controls and pancreatic cancer cases

Genotype	Controls (<i>n</i> =379)		All cases (<i>n</i> =237)		PDAC cases only (<i>n</i> =195)	
	<i>n</i>	%	<i>n</i>	%	<i>n</i>	%
<i>ABO</i>						
A ₁ A ₁	15	4.0	6	2.5	6	3.1
A ₁ A ₂	5	1.3	14	5.9	13	6.7
A ₂ A ₂	4	1.1	0	0.0	0	0.0
A ₁ O	91	24.0	75	31.6	64	32.8
A ₂ O	39	10.3	20	8.4	16	8.2
BB	3	0.8	0	0.0	0	0.0
BO	43	11.3	29	12.2	25	12.8
A ₁ B	10	2.6	5	2.1	4	2.1
A ₂ B	7	1.8	2	0.8	1	0.5
OO	162	42.7	86	36.3	66	33.8
<i>FUT2</i>						
SeSe	96	25.3	64	27.0	64	27.0
SeSe ⁰	198	52.2	116	48.9	116	48.9
Se ⁰ Se ⁰	85	22.4	57	24.1	57	24.1