

Table S1: Main characteristics of VT events in the 420 cases

Age at first VT (years)	37 ± 13
Type of VT:	
DVT	324 (77)
PE alone	41 (10)
DVT+PE	55 (13)
Circumstances	
Provoked	279 (65)
Surgery	64 (15)
Immobilization	53 (12)
Pregnancy/post-partum	47 (11)
Oral contraceptives/women	77 (35)
Others	32 (8)
Unprovoked	147 (35)
Recurrent VT events	142 (34)

N: number of individuals; Quantitative variables are reported in mean ± SD and qualitative variables in N (%)

Surgery in the 3 months before VT event; Immobilization > 7 days; Others: trauma of the lower limb, long travel (by car > 10 hours, by plane > 5 hours), VT on catheter

Table S2: Factor VIII plasma levels (in IU/dL) in cases and controls according to ABO blood group

	Controls		Cases		p^1	p^2
	N	mean \pm SD	N	mean \pm SD		
No A1	34	102 \pm 32	39	128 \pm 42	0.008	0.04
A1 Heterozygotes	212	118 \pm 32	173	142 \pm 49	7.76 x 10 ⁻⁸	1.48 x 10 ⁻⁹
A1 Homozygotes	19	130 \pm 45	13	150 \pm 68	0.58	0.55
B carriers	101	122 \pm 30	87	161 \pm 52	2.50 x 10 ⁻⁹	1.62 x 10 ⁻¹⁰
OO	85	102 \pm 29	68	114 \pm 46	0.06	

No A1 allele includes individuals with A2B or A2O genotype

A1 Heterozygotes include carriers of one A1 allele (A1B/A1O/A1A2/A1B)

A1 Homozygotes corresponds to carriers of two A1 allele (A1A1)

B carriers corresponds to carriers of one B allele (A1B/A2B/BO) or two B alleles (BB)

N: number of individuals; p^1 : adjusted for age at sampling and sex; p^2 : adjusted for age at sampling, sex and GTs activities

Table S3: VWF plasma levels (in IU/dL) in cases and controls according to ABO blood group

	Controls		Cases		p^1	p^2
	N	mean \pm SD	N	mean \pm SD		
No A1	34	104 \pm 32	34	120 \pm 45	0.09	0.27
A1 Heterozygote	212	123 \pm 33	211	149 \pm 59	5.54 x 10 ⁻⁸	7.44 x 10 ⁻⁹
A1 Homozygote	19	134 \pm 27	19	163 \pm 78	0.1	0.06
B carriers	100	126 \pm 30	99	167 \pm 71	2.47 x 10 ⁻⁷	2.88 x 10 ⁻⁸
OO	85	91 \pm 34	83	119 \pm 64	0.0008	

No A1 allele includes individuals with A2B or A2O genotype

A1 Heterozygotes include carriers of one A1 allele (A1B/A1O/A1A2/A1B)

A1 Homozygotes corresponds to carriers of two A1 allele (A1A1)

B carriers corresponds to carriers of one B allele (A1B/A2B/BO) or two B alleles (BB)

N: number of individuals; p^1 : adjusted for age at sampling time and sex; p^2 : adjusted for age at sampling, sex and GTs activities