

Supplemental Materials

Supplemental Table 1. SNP List

#	RS Number	gene	Type of polymorphism	Biologic Pathway
1	rs1799963	F2	UTR3	Coagulation cascade/natural anticoagulation
2	rs6025	F5 Leiden	Silent mutation	
3	rs1800595	F5 (R2 allele)	Missense mutation	
4	rs4524	F5	Missense mutation	
5	rs6049	F9	Donor splice site	
6	rs6048	F9 Malmö	Missense mutation	
7	rs2036914	F11	Intron	
8	rs2289252	F11	Intron	
9	rs3756008	F11	Intergenic	
10	rs13146272*	CYP4V2	Missense mutation	
11	rs2227589	SERPINC1	Intron	
12	rs2066865	FGG	Intergenic	
13	rs1800450	MBL2	Missense mutation	Innate immunity/complement
14	rs1800451	MBL2	Missense mutation	
15	rs5030737	MBL2	Missense mutation	
16	rs1838065	MBL2	Intron	
17	rs7096206	MBL2	Intergenic	
18	rs9332245	CYP2C9	Intergenic	Warfarin Metabolism
19	rs1799853	CYP2C9	Missense mutation	
20	rs9923231	VKORC1	Intergenic	

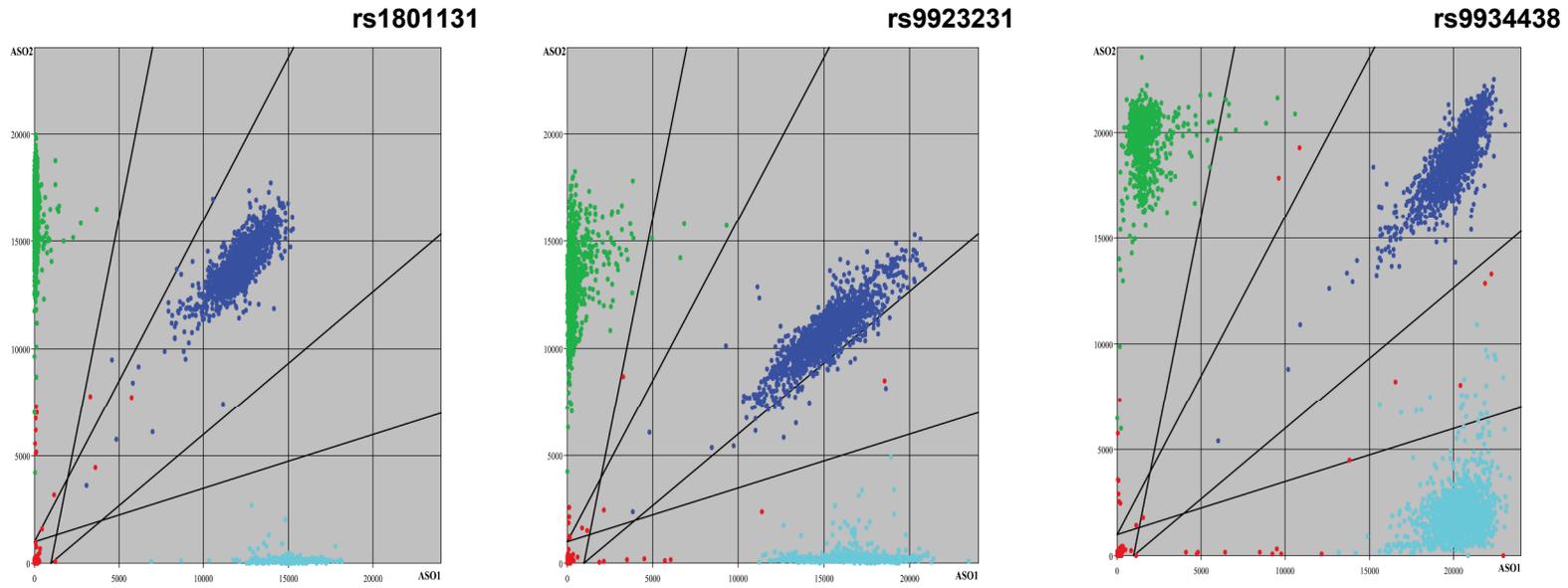
21	rs9934438	VKORC1	Intron	
22	rs1801690	APOH	Missense mutation	Glycoproteins
23	rs1613662	GP6/RDH13	Missense mutation	
24	rs1801131	MTHFR	Missense mutation	Homocysteine metabolism
25	rs1801133	MTHFR	Missense mutation	
26	rs20455	KIF6	Missense mutation	Other
27	rs2001436	NAT8B	Intergenic	
28	rs1523127	NR1 2	UTR5	
29	rs2234628	XYLB	Intron	
30	rs1417121	AKT3	Intron	
31	rs2266911	ODZ1	Intron	
32	rs670659	RGS7	Intron	
33	rs2585008	CASP8AP2	Intron	

Supplemental Table 2: Call rates, genotype counts and HWE p values in post-QC subjects.

SNP	Gene	Minor Allele	MAF*	Call rate cases (%)	Call rate controls (%)	Genotype counts (AA/AB/BB) cases	Genotype counts (AA/AB/BB) controls	HWE controls (p value)
DISCOVERY COHORT			cases n=253/ controls n=353 (%)					
rs9923231	<i>VKORC1</i>	G	0.254/0.124	99	100	25/78/149	11/66/276	0.012
rs9934438	<i>VKORC1</i>	C	0.258/0.124	99	100	26/78/148	11/66/276	0.012
rs1801690	<i>APOH</i>	G	0.036/0.0734	100	100	0/18/235	2/48/303	1
rs1801131	<i>MTHFR</i>	G	0.296/0.205	100	100	21/108/124	18/109/226	0.33
rs1613662	<i>GP6/RDH13</i>	G	0.055/0.008	100	100	1/26/226	0/6/347	1
REPLICATION COHORT			cases n=1496/ controls n=993					
rs9923231	<i>VKORC1</i>	C	0.135/0.092	99	96	30/342/1117	13/157/821	0.51
rs9934438	<i>VKORC1</i>	G	0.136/0.093	99	99	30/346/1119	13/158/821	0.58
rs1801690**	<i>APOH</i>	G	0.104/0.083	89	67	7/63/285	3/42/242	0.42
rs1801131	<i>MTHFR</i>	C	0.215/0.206	99	99	67/507/916	44/320/625	0.82
rs1613662	<i>GP6/RDH13</i>	G	0.023/0.015	100	99	1/66/1429	1/27/964	0.54

*minor allele frequency

** 398 cases and 427 controls

Supplemental Figure 1. Genotyping Cluster Plots for Discovery Cohort *

* plots are from multi-ethnic parent study, a superset of this discovery cohort