

Aquaporin 2 gene variations, risk of venous thrombosis and plasma levels of von Willebrand factor and factor VIII

A. Yaël Nossent,^{1,2} Hans L. Vos,^{1,2} Frits R. Rosendaal,^{1,2,3} Rogier M. Bertina^{1,2}, and Jeroen C.J. Eikenboom^{1,2}

¹Eindhoven Laboratory for Experimental Vascular Medicine; ²Department of Thrombosis and Hemostasis; ³Department of Clinical Epidemiology, Leiden University Medical Center, PO Box 9600, 2300 RC Leiden, the Netherlands

Citation: Nossent AY, Vos HL, Rosendaal FR, Bertina RM, Eikenboom JCJ. Aquaporin 2 gene variations, risk of venous thrombosis and plasma levels of von Willebrand factor and factor VIII. *Haematologica* 2008 June; 93(6):959-960. doi: 10.3324/haematol.12296

Supplementary Table 2

Table 2. Associations of AQP2 SNPs with the risk of venous thrombosis and arterial blood pressure in the LETS.

Cluster	SNP	Genotype	Cases	Controls	OR	CI95	Regression coefficient systolic blood pressure [§]	CI95	Regression coefficient diastolic blood pressure [§]	CI95
2	AQP2-2	AA*	325	333	1	—	1.79	-1.87 to 5.46	1.09	-0.87 to 3.05
		AG	129	129	1.0	0.8-1.4				
		GG	17	8	2.2	0.9-5.1				
	AQP2NF10	GG*	340	351	1	—	1.91	-1.67 to 5.49	1.04	-0.87 to 2.96
		GA	115	106	1.1	0.8-1.5				
	AQP2-19	AA	16	13	1.3	0.6-2.7				
		CC*	334	355	1	—	2.73	-1.25 to 6.71	1.14	-0.98 to 3.26
CG		114	101	1.2	0.9-1.6					
	GG	14	6	2.5	0.9-6.5					
4	AQP2-4	GG*	379	402	1	—	-3.69	-8.4 to 1.05	-2.15	-4.69 to 0.38
		GA	84	63	1.4	1.0-2.0				
		AA	7	5	1.5	0.5-4.7				
	AQP2-7	GG*	378	402	1	—	-3.03	-7.75 to 1.69	-1.79	-4.31 to 0.73
		GA	84	64	1.4	1.0-2.0				
	AQP2-8	AA	8	5	1.7	0.5-5.3				
		GG*	404	419	1	—	-5.41	-11.38 to 0.57	-3.59	-6.77 to -0.40
		GA	63	50	1.3	0.9-1.9				
		AA	4	0	∞	0.7-∞				
5	AQP2-6	GG*	325	338	1	—	1.29	-2.28 to 4.85	0.22	-1.69 to 2.12
		GA	127	122	1.1	0.8-1.5				
		AA	19	11	1.8	0.8-3.8				
	AQP2-13	CC*	322	336	1	—	2.33	-1.22 to 5.88	0.41	-1.49 to 2.31
		CT	126	124	1.1	0.8-1.4				
		TT	23	11	2.2	1.1-4.6				
	AQP2-15	TT*	323	336	1	—	2.03	-1.60 to 5.67	0.99	-0.96 to 2.93
		TC	128	125	1.1	0.8-1.4				
		CC	19	9	2.2	1.0-4.9				
	AQP2-20	AA*	240	268	1	—	-0.09	-3.23 to 3.05	-0.54	-2.21 to 1.14
		AC	194	182	1.2	0.9-1.6				
		CC	35	20	2.0	1.1-3.5				

*Reference group; †analysis in healthy controls only; §Regression coefficients represent the mmHg rise in blood pressure with each minor allele.