

Appendix Table 1. Genotype and allele frequencies for SNPs in *PRKAA2* in case and control samples (Replication samples)

SNP ID	genotype	Replication samples					
		genotype frequency		p value ^a	minor allele frequency	p value ^b	
		Case (n=657)	Control (n=360)				case/control
SNP1 rs2051040	GG	230(0.35)	132(0.37)	0.05	0.41/0.37	0.11	
	GA	317(0.48)	188(0.52)				
	AA	110(0.17)	40(0.11)				
SNP2 rs2796495	GG	239(0.36)	128(0.36)	0.66	0.40/0.40	0.86	
	GA	306(0.47)	177(0.49)				
	AA	111(0.17)	55(0.15)				
SNP3 rs2143754	TT	212(0.33)	96(0.27)	0.07	0.44/0.46	0.40	
	TC	310(0.47)	197(0.55)				
	CC	134(0.20)	67(0.18)				
SNP4 rs1418442	AA	379(0.58)	220(0.61)	0.34	0.24/0.23	0.59	
	AG	236(0.36)	114(0.32)				
	GG	40(0.06)	26(0.07)				
SNP5 rs932447	AA	376(0.58)	232(0.64)	0.12	0.24/0.20	0.06	
	AG	238(0.37)	111(0.31)				
	GG	36(0.05)	17(0.05)				
SNP6 rs3738568	TT	474(0.72)	254(0.71)	0.61	0.15/0.15	0.75	
	TC	170(0.26)	101(0.28)				
	CC	13(0.02)	5(0.01)				

a)b) p values for genotype frequency^(a) and allele frequency^(b).