

TABLE S9. VARIANCE IN ACC EXPLAINED BY THE GENOMIC RELATEDNESS ($V_{A\text{ POLY}}$), THE 20 SNP WINDOW CONTAINING RNF212 ($V_{A\text{ REG1}}$) AND THE 20 SNP WINDOW CONTAINING REC8 ($V_{A\text{ REG2}}$) AND RESIDUAL EFFECTS (V_E). Sample sizes are for Table 1. Effect sizes are given as the proportion of the phenotypic variance explained by the variance effects (h^2 , reg1^2 and reg2^2 , respectively.)

	$V_{A\text{ poly}}$	$V_{A\text{ reg1}}$	$V_{A\text{ reg2}}$	V_E	h^2_{poly}	reg1^2	reg2^2	e^2
Both Sexes	2.071	1.699	1.177	24.903	0.069	0.057	0.039	0.834
	(0.49)	(0.824)	(0.634)	(0.655)	(0.016)	(0.026)	(0.021)	(0.028)
Male	1.902	0.190	1.044	22.252	0.075	0.007	0.041	0.876
	(0.841)	(0.375)	(0.889)	(0.961)	(0.033)	(0.015)	(0.034)	(0.034)
Females	1.976	2.589	0.945	26.363	0.062	0.081	0.030	0.827
	(0.602)	(1.198)	(0.6)	(0.877)	(0.019)	(0.035)	(0.019)	(0.034)