

SNP ID	phenotype <sup>a</sup>	MAF <sup>b</sup>	N	genotype distribution			P-value <sup>c</sup>		
				C/C	C/T	T/T	HWE	genotype	allele
ex1c rs41279104	Controls	0.189	354	231	112	11	0.560		
	MDD	0.150	160	116	40	4	0.804	0.267	0.127
	BP	0.194	80	51	27	2	0.473	0.908	0.896

Supplementary Table 1. Functional SNPs in *NOS1* and Mood disorders in male

a MDD: major depressive disorder BP: bipolar disorder

b MAF: minor allele frequency

c Hardy-Weinberg equilibrium

SNP ID	phenotype <sup>a</sup>	MAF <sup>b</sup>	N	genotype distribution			P-value <sup>c</sup>		
				C/C	C/T	T/T	HWE	genotype	allele
ex1c rs41279104	Controls	0.168	453	318	118	17	0.153		
	MDD	0.182	165	110	50	5	0.812	0.594	0.562
	BP	0.176	74	50	22	2	0.820	0.747	0.812

Supplementary Table 2. Functional SNPs in *NOS1* and Mood disorders in female

a MDD: major depressive disorder BP: bipolar disorder

b MAF: minor allele frequency

c Hardy-Weinberg equilibrium