

Variant	Base change	Primer	Product (bp)
rs363371	G/A	GATGAACCCAAGGCAGGAAC (forward)	94
		CTCACATGGCACAATGAATG (reverse)	
rs363324	G/A	CCCTGGAACCTAATTCCTGTC (forward)	92
		AAATGCCGATGGACCAGTTC (reverse)	

**Table S1:** Primers used in ligase detection reactions to genotype *VMAT2* polymorphisms at rs363371 and rs363324.

Group or subgroup	Allele, n (%)		Comparison <sup>a</sup>
	A	G	
<i>Locus rs363371</i>			
All SCZ	471 (54.8)	389 (45.2)	0.945, 0.784-1.138, 0.550 <sup>b</sup>
Male SCZ	195 (52.7)	175 (47.3)	0.789, 0.59-1.054, 0.108 <sup>c</sup>
Male controls	219 (58.6)	155 (41.4)	
Female SCZ	276 (56.3)	214 (43.7)	0.981, 0.769-1.253, 0.881 <sup>c</sup>
Female controls	318 (56.8)	242 (43.2)	
EOS CZ	146 (52.5)	132 (47.5)	0.863, 0.66-1.129, 0.282 <sup>b</sup>
LOS CZ	325 (55.8)	257 (44.2)	0.987, 0.801-1.215, 0.9 <sup>b</sup>
All controls	528 (56.2)	412 (43.8)	
<i>Locus rs363324</i>			
All SCZ	183 (21.3)	677 (78.7)	1.041, 0.829-1.309, 0.723 <sup>b</sup>
Male SCZ	73 (20.4)	285 (76.6)	1.007, 0.702-1.446, 0.968 <sup>c</sup>
Male controls	75 (20.2)	297 (79.8)	
Female SCZ	110 (21.9)	392 (78.1)	1.061, 0.791-1.422, 0.694 <sup>c</sup>
Female controls	118 (20.9)	446 (79.1)	
EOS CZ	63 (22.5)	217 (77.5)	1.118, 0.81-1.542, 0.498 <sup>b</sup>
LOS CZ	120 (20.7)	460 (79.3)	1.004, 0.778-1.297, 0.974 <sup>b</sup>
All controls	193 (20.6)	743 (79.4)	
Abbreviations: SCZ, schizophrenia; EOS CZ, early-onset SCZ; LOS CZ, late-onset SCZ			
<sup>a</sup> Values indicate: OR, 95%CI, c <sup>2</sup> , p value			
<sup>b</sup> With respect to all controls			
<sup>c</sup> With respect to the corresponding male or female controls			

**Table S2:** *VMAT2* allele frequencies in the entire group and subgroups of Han Chinese with SCZ and healthy controls.