



Possible association between the androgen receptor gene and autism spectrum disorder.

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Table 3 Results from transmission disequilibrium tests, displayed as transmissions to all/ to males/ to females

polymorphism allele/category	frequency of transmissions		Chi-square (Stuart formula for multiallelic)	P _{multi- allelic} TDT	P _{TDT}
	transmitted	non-transmitted			
<i>AR</i> CAG-repeat			3.0 /3.7/ 0.6	0.4/0.3/0.7	
13-19 repeats	15 /14/5	23 /18/6	1.7/0.5/0.1		0.2/0.5/0.8
20-21 repeats	26 /18/10	24 /25/6	0.1/1.1/1.0		0.8/0.3/0.3
22-23 repeats	24 /24/3	15 /13/6	2.1/3.3/1.0		0.1/0.07/0.3
24-32 repeats	17 /16/3	20 /16/4	0.2/0/0.1		0.6/1/0.7
S (<22)	24 /19/7	30 /30/4	0.7/2.5/0.8		0.4/0.1/0.4
<i>AR</i> GGN-repeat			9.4/6.5/10.4	0.007/0.03/0.002	
15-22 repeats	3 /3/2	15 /11/7	8/4.6/2.8	0.005/0.03/0.1	
23 repeats	31 /23/14	25 /25/2	0.6/0.1/9.0		0.4/0.8/ 0.003
24 repeats	30 /30/3	23 /19/10	0.9/2.5/3.8		0.3/0.1/ 0.05
25-28 repeats	4 /4/0	5 /4/1	0.1/0/1.0		0.7/1/0.3
S (<24)	25/21/11	31 /31/3	0.6/1.9/4.6		0.4/0.2/ 0.03
<i>AR</i> rs6152					
Allele G	16/13/7	15/11/3	0.03/0.2/1.6	0.9/0.7/0.2	