

Data supplement

Table DS1 List of large, rare copy number variant (CNV) locations and types for all cases

Child with intellectual disability	Location of CNV	Type of CNV	Location of 2nd CNV	Type of 2nd CNV
Yes	2q11.2	Duplication		
Yes	3p26.3	Duplication		
Yes	3q29	Duplication		
Yes	4q13.1	Duplication		
Yes	4q32.2	Deletion	6q22.33-q23.1	Duplication
Yes	6q22.31	Duplication		
Yes	6q24.1	Duplication		
Yes	8p12	Duplication	22q11.21-q11.22	Duplication
Yes	8p23.2-p23.1	Deletion		
Yes	10q11.22-q11.23	Deletion		
Yes	11p11.12	Duplication		
Yes	12p11.1	Duplication		
Yes	14q21.1	Deletion		
Yes	15q12-q13.1	Duplication		
Yes	15q13.1-q13.2	Duplication		
Yes	16p11.2	Deletion		
Yes	20p13	Deletion		
No	1p32.3	Duplication		
No	1q23.2	Deletion		
No	1q44	Deletion	11p15.4	Deletion
No	2p22.3	Duplication		
No	2q23.3	Duplication		
No	3p22.3	Duplication		
No	3p26.1	Duplication		
No	3p26.2-p26.1	Deletion		
No	3p26.3	Duplication		
No	3p26.3	Duplication		
No	3q11.2	Duplication		
No	3q29	Duplication		
No	4p15.2	Duplication		
No	4p15.2	Duplication		
No	4p15.31	Duplication		
No	4q13.1	Deletion	4q22.1	Duplication
No	4q13.3	Duplication		
No	4q13.3-q21.1	Duplication		
No	4q35.1	Duplication		
No	6q24.1	Duplication		
No	7p21.1	Duplication	16p13.11	Duplication
No	7q11.22	Duplication		
No	7q31.32	Duplication		
No	8q21.2-q21.3	Deletion	17q12	Duplication
No	8q21.3	Duplication		
No	10q11.22-q11.23	Deletion		
No	11q13.2-q13.3	Duplication		
No	11q22.2-q22.3	Deletion		
No	11q25	Duplication		
No	12p11.1	Duplication		
No	13q21.31	Deletion	20p12.1	Duplication
No	15q11.2-q12	Duplication		
No	15q12-q13.1	Duplication		
No	15q13.1-q13.2	Duplication		
No	15q13.1-q13.2	Duplication		
No	15q13.1-q13.2	Duplication		
No	15q13.1-q13.2	Duplication		
No	15q13.1-q13.2	Duplication		
No	15q13.1-q13.2	Duplication		
No	15q13.1-q13.2	Duplication		
No	15q13.2-q13.3	Deletion		
No	15q13.2-q13.3	Duplication		
No	16p11.2	Deletion		

(continued)

Table DS1 List of large, rare copy number variant (CNV) locations and types for all cases (*continued*)

Child with intellectual disability	Location of CNV	Type of CNV	Location of 2nd CNV	Type of 2nd CNV
No	16p12.2	Deletion		
No	16p13.11	Duplication		
No	16p13.11	Duplication		
No	16p13.11	Duplication		
No	16p13.11	Duplication		
No	16p13.11	Duplication		
No	16p13.11-p12.3	Duplication		
No	16p13.11-p12.3	Duplication		
No	17q12	Deletion		
No	17q12	Duplication		
No	19q13.11	Deletion		
No	22q11.1-q11.21	Duplication		
Unknown	1q42.3-q43	Duplication		
Unknown	2p22.3	Duplication		
Unknown	3q26.1	Deletion	16p11.2	Duplication
Unknown	3q26.31	Duplication		
Unknown	8p23.1	Duplication		
Unknown	15q13.1-q13.2	Duplication		

Table DS2 Clinical and cognitive characteristics of children with and without copy number variants (CNVs) implicated in schizophrenia and autism

Variable	Children with IQ \geq 70						<i>t</i> / χ^2	<i>P</i>
	<i>n</i>	CNVs		No CNVs				
		Mean (s.d.)	<i>n</i> (%)	Mean (s.d.)	<i>n</i> (%)			
Child's gender, % male	439		18(90)		362(86.4)	0.21	0.64	
Child's age, years	439	10.2 (2.7)		10.5 (2.7)		0.62	0.54	
ADHD symptoms (max. 18)	421	14.9 (2.7)		14.8 (2.9)		-0.11	1.00 ^a	
Inattention symptoms (max. 9)	429	7.9 (1.2)		7.2 (1.8)		-1.62	0.12 ^a	
Hyperactivity symptoms (max. 5)	432	3.9 (1.4)		4.3 (1.1)		1.69	0.13 ^a	
Impulsive symptoms (max. 4)	432	3.2 (1.1)		3.3 (0.9)		0.49	0.78 ^a	
CD symptoms (max. 14)	426	1.4 (1.5)		1.3 (1.6)		-0.35	0.54 ^a	
Anxiety symptoms (max. 12)	310	1.3 (1.1)		1.2 (1.7)		-0.06	0.58 ^a	
Depression symptoms (max. 9)	418	0.9 (0.8)		1.2 (1.3)		1.22	0.34 ^a	
ASQ score	258	14.9 (6.6)		12.1 (6.2)		-1.51	0.13	
Full-scale IQ score	439	84.6 (10.8)		87.7 (11)		1.25	0.21	
WORD composite score	237	75.9 (15.6)		85.6 (14.5)		2.41	0.02	

ADHD, attention-deficit hyperactivity disorder; ASQ, Autism Screening Questionnaire; CD, conduct disorder; max., maximum; WORD, Wechsler Objective Reading Dimensions scale.
a. Analysis on transformed data.