

**Online Supplementary file**

*Section 1. Descriptive statistics*

*Table SI.1 – Descriptive statistics*

<i>Variable</i>	<i>N</i>	<i>Minimum</i>	<i>Maximum</i>	<i>Mean</i>	<i>Std. Deviation</i>	<i>Skewness</i>		<i>Kurtosis</i>	
						<i>Statistic</i>	<i>Error</i>	<i>Statistic</i>	<i>Error</i>
Age when completed module	204	.51	6.98	3.2547	1.61429	.472	.170	-.843	.339
<i>Communication</i>									
Best expressive language	145	1.00	6.00	2.3241	1.14190	.357	.201	-.470	.400
Best receptive language	108	1.00	5.00	2.3241	1.17472	.433	.233	-1.066	.461
Frequency of speaking words or word approximations	181	1.00	5.00	1.6851	1.24063	1.837	.181	2.106	.359
<i>Please rate your child/ adult ability to use the following communication methods/systems:</i>									
Spoken words	187	1.00	5.00	1.4492	.92825	2.249	.178	4.680	.354
Gestures	187	1.00	5.00	2.5348	1.23681	.376	.178	-.746	.354
Signing	182	1.00	5.00	1.5495	.94330	1.573	.180	1.366	.358
Visual Pictures	178	1.00	5.00	1.6348	.90593	1.343	.182	1.052	.362
Eye tracking devices	174	1.00	5.00	1.1149	.50260	5.189	.184	29.837	.366
Low tech AAC	175	1.00	5.00	1.4629	.74859	1.750	.184	3.234	.365
High tech AAC	181	1.00	5.00	1.5580	.92087	1.684	.181	2.380	.359
<i>Gross Motor Function - please describe your child/adult's ability to do the following:</i>									
Walking (unassisted)	147	1.00	5.00	2.5374	1.59740	.391	.200	-1.489	.397
Sit up	192	1.00	5.00	3.9531	1.33925	-1.182	.175	.213	.349
<i>Fine Motor Function - - please describe your child/adult's ability to do the following:</i>									
Hold things, such as a stuffed toy	174	1.00	5.00	4.6264	.69148	-2.321	.184	6.535	.366
Point to indicate things	142	1.00	5.00	2.5563	1.56887	.409	.203	-1.407	.404
Transfer things between hands	164	1.00	5.00	4.2683	.97890	-1.476	.190	1.872	.377
<i>Adaptive Skills – Dressing - please describe your child/adult's ability to do the following:</i>									
Put up their hands to help dress	148	1.00	5.00	2.9324	1.64405	-.039	.199	-1.646	.396
Take off simple clothes such as socks	145	1.00	5.00	2.5655	1.56264	.331	.201	-1.462	.400
Take off complex clothes such as shirts	125	1.00	5.00	1.4960	.96406	1.932	.217	2.856	.430
Dress themselves, even if not always right (eg buttons not lined up, clothes back to front)	119	1.00	5.00	1.1765	.64633	4.413	.222	21.146	.440



Section 2. Frequencies and age descriptives  
**Speech and Communication**

Table S2.1

Frequency Speaking and age first spoke

Imprinting centre defect/ UPD/UBE3A Mutation												Chromosome deletion													
Never		Rarely		Sometimes		Most of the time		Always		Age first spoke			Never		Rarely		Sometimes		Most of the time		Always		Age first spoke		
N	%	N	%	N	%	N	%	N	%	N	M	SD	N	%	N	%	N	%	N	%	N	%	N	M	SD
27	62.8%	5	11.6%	1	2.3%	2	4.7%	8	18.6%	30	2.97	1.509	89	72.4%	20	16.3%	7	5.7%	0	0.0%	7	5.7%	62	3.48	2.775

Table S2.2

Most effective verbal language

Imprinting centre defect/ UPD/UBE3A Mutation												Chromosome deletion											
Moans		Babbles		Intentional sounds		Single words		2-3 word phrases		Longer phrase speech		Moans		Babbles		Intentional sounds		Single words		2-3 word phrases		Longer phrase speech	
N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
11	26.2%	5	11.9%	18	42.9%	8	19.0%	0	0.0%	0	0.0%	34	37.0%	16	17.4%	35	38.0%	4	4.3%	2	2.2%	1	1.1%

Table S2.3

Best understanding

Imprinting centre defect/ UPD/UBE3A Mutation										Chromosome deletion									
Single word, such as no		Simple phrase commands such as Don't Touch		Commands - single step-longer sentence i.e, Go to your room now.		Commands - 2 step e.g Go to your room and bring back your water bottle.		Commands 3 step		Single word, such as no		Simple phrase commands such as Don't Touch		Commands - single step-longer sentence i.e, Go to your room now.		Commands - 2 step e.g Go to your room and bring back your water bottle.		Commands 3 step	
N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
4	11.4%	7	20.0%	7	20.0%	16	45.7%	1	2.9%	22	34.9%	27	42.9%	8	12.7%	6	9.5%	0	0.0%

Table S2.4

Use of speech

Imprinting centre defect/ UPD/UBE3A Mutation										Chromosome deletion									
1.00 Doesn't use		2.00 Rarely uses		3.00 Uses for single requests regularly		4.00 Communicates effectively with known people		5.00 Communicates effectively with known and unknown people		1.00 Doesn't use		2.00 Rarely uses		3.00 Uses for single requests regularly		4.00 Communicates effectively with known people		5.00 Communicates effectively with known and unknown people	
N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
24	55.8%	7	16.3%	9	20.9%	0	0.0%	3	7.0%	109	83.8%	11	8.5%	6	4.6%	2	1.5%	2	1.5%

Table S2.5

Gestures

Imprinting centre defect/ UPD/UBE3A Mutation										Chromosome deletion									
1.00 Doesn't use		2.00 Rarely uses		3.00 Uses for single requests regularly		4.00 Communicates effectively with known people		5.00 Communicates effectively with known and unknown people		1.00 Doesn't use		2.00 Rarely uses		3.00 Uses for single requests regularly		4.00 Communicates effectively with known people		5.00 Communicates effectively with known and unknown people	
N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
6	13.6%	6	13.6%	15	34.1%	7	15.9%	10	22.7%	41	31.8%	35	27.1%	38	29.5%	12	9.3%	3	2.3%

Table S2.6

Signing

Imprinting centre defect/ UPD/UBE3A Mutation										Chromosome deletion									
1.00 Doesn't use		2.00 Rarely uses		3.00 Uses for single requests regularly		4.00 Communicates effectively with known people		5.00 Communicates effectively with known and unknown people		1.00 Doesn't use		2.00 Rarely uses		3.00 Uses for single requests regularly		4.00 Communicates effectively with known people		5.00 Communicates effectively with known and unknown people	
N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
17	38.6%	6	13.6%	15	34.1%	5	11.4%	1	2.3%	100	80.6%	15	12.1%	7	5.6%	2	1.6%	0	0.0%

Table S2.7

Visual pictures

Imprinting centre defect/ UPD/UBE3A Mutation										Chromosome deletion									
1.00 Doesn't use		2.00 Rarely uses		3.00 Uses for single requests regularly		4.00 Communicates effectively with known people		5.00 Communicates effectively with known and unknown people		1.00 Doesn't use		2.00 Rarely uses		3.00 Uses for single requests regularly		4.00 Communicates effectively with known people		5.00 Communicates effectively with known and unknown people	
N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
17	39.5%	10	23.3%	11	25.6%	4	9.3%	1	2.3%	83	68.6%	27	22.3%	8	6.6%	3	2.5%	0	0.0%

Table S2.8

Eye tracking devices

Imprinting centre defect/ UPD/UBE3A Mutation										Chromosome deletion									
1.00 Doesn't use		2.00 Rarely uses		3.00 Uses for single requests regularly		4.00 Communicates effectively with known people		5.00 Communicates effectively with known and unknown people		1.00 Doesn't use		2.00 Rarely uses		3.00 Uses for single requests regularly		4.00 Communicates effectively with known people		5.00 Communicates effectively with known and unknown people	
N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
41	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	110	91.7%	4	3.3%	4	3.3%	1	0.8%	1	0.8%

Table S2.9

Low tech AAC

Imprinting centre defect/ UPD/UBE3A Mutation										Chromosome deletion									
1.00 Doesn't use		2.00 Rarely uses		3.00 Uses for single requests regularly		4.00 Communicates effectively with known people		5.00 Communicates effectively with known and unknown people		1.00 Doesn't use		2.00 Rarely uses		3.00 Uses for single requests regularly		4.00 Communicates effectively with known people		5.00 Communicates effectively with known and unknown people	
N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
19	46.3%	13	31.7%	7	17.1%	1	2.4%	1	2.4%	85	70.2%	27	22.3%	8	6.6%	1	0.8%	0	0.0%

Table S2.10

High tech AAC

Imprinting centre defect/ UPD/UBE3A Mutation										Chromosome deletion									
1.00 Doesn't use		2.00 Rarely uses		3.00 Uses for single requests regularly		4.00 Communicates effectively with known people		5.00 Communicates effectively with known and unknown people		1.00 Doesn't use		2.00 Rarely uses		3.00 Uses for single requests regularly		4.00 Communicates effectively with known people		5.00 Communicates effectively with known and unknown people	
N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
24	57.1%	5	11.9%	11	26.2%	0	0.0%	2	4.8%	88	70.4%	23	18.4%	12	9.6%	1	0.8%	1	0.8%

Gross and fine motor

Table S2.11

Gross motor sit

Imprinting centre defect/ UPD/UBE3A Mutation										Chromosome deletion									
1.00 Unable to perform activity		2.00 Severe difficulty		3.00 Moderate difficulty		4.00 Mild difficulty		5.00 No difficulty		1.00 Unable to perform activity		2.00 Severe difficulty		3.00 Moderate difficulty		4.00 Mild difficulty		5.00 No difficulty	
N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
1	2.2%	1	2.2%	8	17.8%	8	17.8%	27	60.0%	22	16.5%	3	2.3%	16	12.0%	36	27.1%	56	42.1%

Table S2.12

Gross motor walking

Imprinting centre defect/ UPD/UBE3A Mutation										Chromosome deletion									
1.00 Unable to perform activity		2.00 Severe difficulty		3.00 Moderate difficulty		4.00 Mild difficulty		5.00 No difficulty		1.00 Unable to perform activity		2.00 Severe difficulty		3.00 Moderate difficulty		4.00 Mild difficulty		5.00 No difficulty	
N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
11	28.2%	4	10.3%	2	5.1%	8	20.5%	14	35.9%	50	52.1%	11	11.5%	14	14.6%	14	14.6%	7	7.3%

Table S2.13

Hold things

Imprinting centre defect/ UPD/UBE3A Mutation										Chromosome deletion									
1.00 Unable to perform activity		2.00 Severe difficulty		3.00 Moderate difficulty		4.00 Mild difficulty		5.00 No difficulty		1.00 Unable to perform activity		2.00 Severe difficulty		3.00 Moderate difficulty		4.00 Mild difficulty		5.00 No difficulty	
N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
0	0.0%	1	2.4%	2	4.9%	8	19.5%	30	73.2%	1	0.8%	2	1.7%	4	3.3%	30	24.8%	84	69.4%

Table S2.14

Fine motor transfer

Imprinting centre defect/ UPD/UBE3A Mutation										Chromosome deletion									
1.00 Unable to perform activity		2.00 Severe difficulty		3.00 Moderate difficulty		4.00 Mild difficulty		5.00 No difficulty		1.00 Unable to perform activity		2.00 Severe difficulty		3.00 Moderate difficulty		4.00 Mild difficulty		5.00 No difficulty	
N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
0	0.0%	0	0.0%	3	8.1%	10	27.0%	24	64.9%	4	3.5%	7	6.1%	12	10.4%	37	32.2%	55	47.8%

Table S2.15

Fine motor point

Imprinting centre defect/ UPD/UBE3A Mutation										Chromosome deletion									
1.00 Unable to perform activity		2.00 Severe difficulty		3.00 Moderate difficulty		4.00 Mild difficulty		5.00 No difficulty		1.00 Unable to perform activity		2.00 Severe difficulty		3.00 Moderate difficulty		4.00 Mild difficulty		5.00 No difficulty	
N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
7	18.4%	3	7.9%	6	15.8%	6	15.8%	16	42.1%	46	50.0%	14	15.2%	12	13.0%	14	15.2%	6	6.5%

*Adaptive development*

Table S2.16

*Put up hands to help dress*

<i>Imprinting centre defect/ UPD/UBE3A Mutation</i>										<i>Chromosome deletion</i>									
<i>1.00 Unable to perform activity</i>		<i>2.00 Severe difficulty</i>		<i>3.00 Moderate difficulty</i>		<i>4.00 Mild difficulty</i>		<i>5.00 No difficulty</i>		<i>1.00 Unable to perform activity</i>		<i>2.00 Severe difficulty</i>		<i>3.00 Moderate difficulty</i>		<i>4.00 Mild difficulty</i>		<i>5.00 No difficulty</i>	
<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>
8	20.5%	1	2.6%	6	15.4%	5	12.8%	19	48.7%	38	39.2%	7	7.2%	14	14.4%	24	24.7%	14	14.4%

Table S2.17

*Take off simple clothes*

<i>Imprinting centre defect/ UPD/UBE3A Mutation</i>										<i>Chromosome deletion</i>									
<i>1.00 Unable to perform activity</i>		<i>2.00 Severe difficulty</i>		<i>3.00 Moderate difficulty</i>		<i>4.00 Mild difficulty</i>		<i>5.00 No difficulty</i>		<i>1.00 Unable to perform activity</i>		<i>2.00 Severe difficulty</i>		<i>3.00 Moderate difficulty</i>		<i>4.00 Mild difficulty</i>		<i>5.00 No difficulty</i>	
<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>
9	23.1%	1	2.6%	6	15.4%	14	35.9%	9	23.1%	48	51.1%	9	9.6%	18	19.1%	7	7.4%	12	12.8%

Table S2.18

*Take off complex clothes*

<i>Imprinting centre defect/ UPD/UBE3A Mutation</i>										<i>Chromosome deletion</i>									
<i>1.00 Unable to perform activity</i>		<i>2.00 Severe difficulty</i>		<i>3.00 Moderate difficulty</i>		<i>4.00 Mild difficulty</i>		<i>5.00 No difficulty</i>		<i>1.00 Unable to perform activity</i>		<i>2.00 Severe difficulty</i>		<i>3.00 Moderate difficulty</i>		<i>4.00 Mild difficulty</i>		<i>5.00 No difficulty</i>	
<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>
20	57.1%	6	17.1%	6	17.1%	2	5.7%	1	2.9%	67	84.8%	5	6.3%	4	5.1%	3	3.8%	0	0.0%



Table S2.19

Dresses self but with errors

Imprinting centre defect/ UPD/UBE3A Mutation								Chromosome deletion							
1.00 Unable to perform activity		2.00 Severe difficulty		3.00 Moderate difficulty		5.00 No difficulty		1.00 Unable to perform activity		2.00 Severe difficulty		3.00 Moderate difficulty		5.00 No difficulty	
N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
29	82.9%	4	11.4%	2	5.7%	0	0.0%	72	96.0%	1	1.3%	2	2.7%	0	0.0%

Table S2.20

Is continent

Imprinting centre defect/ UPD/UBE3A Mutation										Chromosome deletion									
1.00 Unable to perform activity		2.00 Severe difficulty		3.00 Moderate difficulty		4.00 Mild difficulty		5.00 No difficulty		1.00 Unable to perform activity		2.00 Severe difficulty		3.00 Moderate difficulty		4.00 Mild difficulty		5.00 No difficulty	
N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
25	67.6%	3	8.1%	4	10.8%	1	2.7%	4	10.8%	60	70.6%	9	10.6%	6	7.1%	8	9.4%	2	2.4%

Table S2.21

Shows toileting behaviours

Imprinting centre defect/ UPD/UBE3A Mutation										Chromosome deletion									
1.00 Unable to perform activity		2.00 Severe difficulty		3.00 Moderate difficulty		4.00 Mild difficulty		5.00 No difficulty		1.00 Unable to perform activity		2.00 Severe difficulty		3.00 Moderate difficulty		4.00 Mild difficulty		5.00 No difficulty	
N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
17	44.7%	8	21.1%	6	15.8%	3	7.9%	4	10.5%	59	69.4%	12	14.1%	7	8.2%	4	4.7%	3	3.5%

Table S2.23

Indicates when they want to go to the toilet

<i>Q5_44_2_TOILETINDICATE_ABILITY_R</i>										<i>Q5_44_2_TOILETINDICATE_ABILITY_R</i>									
<i>1.00 Unable to perform activity</i>		<i>2.00 Severe difficulty</i>		<i>3.00 Moderate difficulty</i>		<i>4.00 Mild difficulty</i>		<i>5.00 No difficulty</i>		<i>1.00 Unable to perform activity</i>		<i>2.00 Severe difficulty</i>		<i>3.00 Moderate difficulty</i>		<i>4.00 Mild difficulty</i>		<i>5.00 No difficulty</i>	
<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>
17	44.7%	7	18.4%	7	18.4%	0	0.0%	7	18.4%	63	78.8%	8	10.0%	6	7.5%	1	1.3%	2	2.5%

Table S2.24

Continent of stools

<i>.00 Imprinting centre defect/ UPD/UBE3A Mutation</i>										<i>1.00 Chromosome deletion</i>									
<i>1.00 Unable to perform activity</i>		<i>2.00 Severe difficulty</i>		<i>3.00 Moderate difficulty</i>		<i>4.00 Mild difficulty</i>		<i>5.00 No difficulty</i>		<i>1.00 Unable to perform activity</i>		<i>2.00 Severe difficulty</i>		<i>3.00 Moderate difficulty</i>		<i>4.00 Mild difficulty</i>		<i>5.00 No difficulty</i>	
<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>
22	59.5%	3	8.1%	4	10.8%	2	5.4%	6	16.2%	63	79.7%	5	6.3%	2	2.5%	6	7.6%	3	3.8%

Table S2.24

Continent of urine during day

<i>.00 Imprinting centre defect/ UPD/UBE3A Mutation</i>										<i>1.00 Chromosome deletion</i>									
<i>1.00 Unable to perform activity</i>		<i>2.00 Severe difficulty</i>		<i>3.00 Moderate difficulty</i>		<i>4.00 Mild difficulty</i>		<i>5.00 No difficulty</i>		<i>1.00 Unable to perform activity</i>		<i>2.00 Severe difficulty</i>		<i>3.00 Moderate difficulty</i>		<i>4.00 Mild difficulty</i>		<i>5.00 No difficulty</i>	
<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>
26	72.2%	0	0.0%	3	8.3%	2	5.6%	5	13.9%	59	76.6%	6	7.8%	2	2.6%	5	6.5%	5	6.5%

Table S2.25

Hold a bottle

<i>.00 Imprinting centre defect/ UPD/UBE3A Mutation</i>										<i>1.00 Chromosome deletion</i>									
<i>1.00 Unable to perform activity</i>		<i>2.00 Severe difficulty</i>		<i>3.00 Moderate difficulty</i>		<i>4.00 Mild difficulty</i>		<i>5.00 No difficulty</i>		<i>1.00 Unable to perform activity</i>		<i>2.00 Severe difficulty</i>		<i>3.00 Moderate difficulty</i>		<i>4.00 Mild difficulty</i>		<i>5.00 No difficulty</i>	
<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>
0	0.0%	3	7.0%	7	16.3%	10	23.3%	23	53.5%	13	10.7%	9	7.4%	14	11.5%	31	25.4%	55	45.1%

Table S2.26

Chew all textures

<i>.00 Imprinting centre defect/ UPD/UBE3A Mutation</i>										<i>1.00 Chromosome deletion</i>									
<i>1.00 Unable to perform activity</i>		<i>2.00 Severe difficulty</i>		<i>3.00 Moderate difficulty</i>		<i>4.00 Mild difficulty</i>		<i>5.00 No difficulty</i>		<i>1.00 Unable to perform activity</i>		<i>2.00 Severe difficulty</i>		<i>3.00 Moderate difficulty</i>		<i>4.00 Mild difficulty</i>		<i>5.00 No difficulty</i>	
<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>
1	2.6%	2	5.1%	6	15.4%	14	35.9%	16	41.0%	14	14.3%	14	14.3%	22	22.4%	27	27.6%	21	21.4%

Table S2.27

Finger feed

<i>.00 Imprinting centre defect/ UPD/UBE3A Mutation</i>										<i>1.00 Chromosome deletion</i>									
<i>1.00 Unable to perform activity</i>		<i>2.00 Severe difficulty</i>		<i>3.00 Moderate difficulty</i>		<i>4.00 Mild difficulty</i>		<i>5.00 No difficulty</i>		<i>1.00 Unable to perform activity</i>		<i>2.00 Severe difficulty</i>		<i>3.00 Moderate difficulty</i>		<i>4.00 Mild difficulty</i>		<i>5.00 No difficulty</i>	
<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>
1	2.6%	1	2.6%	5	13.2%	7	18.4%	24	63.2%	12	11.1%	7	6.5%	15	13.9%	43	39.8%	31	28.7%

Table S2.28

Feed self with fingers or utensils

<i>.00 Imprinting centre defect/ UPD/UBE3A Mutation</i>										<i>1.00 Chromosome deletion</i>									
<i>1.00 Unable to perform activity</i>		<i>2.00 Severe difficulty</i>		<i>3.00 Moderate difficulty</i>		<i>4.00 Mild difficulty</i>		<i>5.00 No difficulty</i>		<i>1.00 Unable to perform activity</i>		<i>2.00 Severe difficulty</i>		<i>3.00 Moderate difficulty</i>		<i>4.00 Mild difficulty</i>		<i>5.00 No difficulty</i>	
<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>
1	2.5%	6	15.0%	7	17.5%	10	25.0%	16	40.0%	15	14.3%	10	9.5%	24	22.9%	37	35.2%	19	18.1%

Table S2.29

Hold cup

<i>.00 Imprinting centre defect/ UPD/UBE3A Mutation</i>										<i>1.00 Chromosome deletion</i>									
<i>1.00 Unable to perform activity</i>		<i>2.00 Severe difficulty</i>		<i>3.00 Moderate difficulty</i>		<i>4.00 Mild difficulty</i>		<i>5.00 No difficulty</i>		<i>1.00 Unable to perform activity</i>		<i>2.00 Severe difficulty</i>		<i>3.00 Moderate difficulty</i>		<i>4.00 Mild difficulty</i>		<i>5.00 No difficulty</i>	
<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>
4	10.5%	1	2.6%	5	13.2%	11	28.9%	17	44.7%	24	22.4%	14	13.1%	11	10.3%	22	20.6%	36	33.6%

Table S2.30

Indicates when full

<i>.00 Imprinting centre defect/ UPD/UBE3A Mutation</i>										<i>1.00 Chromosome deletion</i>									
<i>1.00 Unable to perform activity</i>		<i>2.00 Severe difficulty</i>		<i>3.00 Moderate difficulty</i>		<i>4.00 Mild difficulty</i>		<i>5.00 No difficulty</i>		<i>1.00 Unable to perform activity</i>		<i>2.00 Severe difficulty</i>		<i>3.00 Moderate difficulty</i>		<i>4.00 Mild difficulty</i>		<i>5.00 No difficulty</i>	
<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>
6	17.1%	2	5.7%	4	11.4%	7	20.0%	16	45.7%	9	9.0%	8	8.0%	11	11.0%	26	26.0%	46	46.0%

Behaviour

Table S2.31

Behavioural problems

<i>Imprinting centre defect/ UPD/UBE3A Mutation</i>																			
1		2		3		4		5		6		7		8		9		10	
N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
5	12.2%	1	2.4%	5	12.2%	4	9.8%	5	12.2%	3	7.3%	8	19.5%	4	9.8%	3	7.3%	3	7.3%

<i>Chromosome deletion</i>																			
1		2		3		4		5		6		7		8		9		10	
N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
6	5.5%	8	7.3%	9	8.3%	9	8.3%	21	19.3%	4	3.7%	12	11.0%	10	9.2%	13	11.9%	17	15.6%

Table S2.32

Repetitive behaviours

<i>.00 Imprinting centre defect/ UPD/UBE3A Mutation</i>										<i>1.00 Chromosome deletion</i>									
1.00 Never		2.00 Rarely		3.00 Sometimes		4.00 Most of the time		5.00 Always		1.00 Never		2.00 Rarely		3.00 Sometimes		4.00 Most of the time		5.00 Always	
N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
20	52.6%	10	26.3%	3	7.9%	3	7.9%	2	5.3%	53	48.2%	18	16.4%	18	16.4%	14	12.7%	7	6.4%

Table S2.33

Focal movements

<i>.00 Imprinting centre defect/ UPD/UBE3A Mutation</i>										<i>1.00 Chromosome deletion</i>									
1.00 Never		2.00 Rarely		3.00 Sometimes		4.00 Most of the time		5.00 Always		1.00 Never		2.00 Rarely		3.00 Sometimes		4.00 Most of the time		5.00 Always	
N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
11	28.9%	7	18.4%	11	28.9%	4	10.5%	5	13.2%	30	28.6%	18	17.1%	32	30.5%	15	14.3%	10	9.5%

Table S2.34

Whole body movements

<i>.00 Imprinting centre defect/ UPD/UBE3A Mutation</i>										<i>1.00 Chromosome deletion</i>									
<i>1.00 Never</i>		<i>2.00 Rarely</i>		<i>3.00 Sometimes</i>		<i>4.00 Most of the time</i>		<i>5.00 Always</i>		<i>1.00 Never</i>		<i>2.00 Rarely</i>		<i>3.00 Sometimes</i>		<i>4.00 Most of the time</i>		<i>5.00 Always</i>	
<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>
24	60.0%	10	25.0%	3	7.5%	3	7.5%	0	0.0%	32	30.5%	21	20.0%	28	26.7%	20	19.0%	4	3.8%

Table S2.35

Mouthing

<i>.00 Imprinting centre defect/ UPD/UBE3A Mutation</i>										<i>1.00 Chromosome deletion</i>									
<i>1.00 Never</i>		<i>2.00 Rarely</i>		<i>3.00 Sometimes</i>		<i>4.00 Most of the time</i>		<i>5.00 Always</i>		<i>1.00 Never</i>		<i>2.00 Rarely</i>		<i>3.00 Sometimes</i>		<i>4.00 Most of the time</i>		<i>5.00 Always</i>	
<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>
12	29.3%	6	14.6%	8	19.5%	11	26.8%	4	9.8%	30	27.3%	9	8.2%	15	13.6%	25	22.7%	31	28.2%

Table S2.36

Agitation in new situations

<i>.00 Imprinting centre defect/ UPD/UBE3A Mutation</i>										<i>1.00 Chromosome deletion</i>									
<i>1.00 Never</i>		<i>2.00 Rarely</i>		<i>3.00 Sometimes</i>		<i>4.00 Most of the time</i>		<i>5.00 Always</i>		<i>1.00 Never</i>		<i>2.00 Rarely</i>		<i>3.00 Sometimes</i>		<i>4.00 Most of the time</i>		<i>5.00 Always</i>	
<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>
8	19.5%	10	24.4%	16	39.0%	2	4.9%	5	12.2%	28	26.2%	25	23.4%	28	26.2%	19	17.8%	7	6.5%

Table S2.37

Fear of strangers

<i>.00 Imprinting centre defect/ UPD/UBE3A Mutation</i>										<i>1.00 Chromosome deletion</i>									
<i>1.00 Never</i>		<i>2.00 Rarely</i>		<i>3.00 Sometimes</i>		<i>4.00 Most of the time</i>		<i>5.00 Always</i>		<i>1.00 Never</i>		<i>2.00 Rarely</i>		<i>3.00 Sometimes</i>		<i>4.00 Most of the time</i>		<i>5.00 Always</i>	
<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>
10	25.0%	13	32.5%	12	30.0%	3	7.5%	2	5.0%	38	35.2%	36	33.3%	23	21.3%	7	6.5%	4	3.7%

Table S2.38

Will socialise with anyone

<i>.00 Imprinting centre defect/ UPD/UBE3A Mutation</i>										<i>1.00 Chromosome deletion</i>									
<i>1.00 Never</i>		<i>2.00 Rarely</i>		<i>3.00 Sometimes</i>		<i>4.00 Most of the time</i>		<i>5.00 Always</i>		<i>1.00 Never</i>		<i>2.00 Rarely</i>		<i>3.00 Sometimes</i>		<i>4.00 Most of the time</i>		<i>5.00 Always</i>	
<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>
2	4.9%	4	9.8%	10	24.4%	18	43.9%	7	17.1%	12	11.2%	17	15.9%	16	15.0%	41	38.3%	21	19.6%

Table S2.39

Fear new situations

<i>.00 Imprinting centre defect/ UPD/UBE3A Mutation</i>										<i>1.00 Chromosome deletion</i>									
<i>1.00 Never</i>		<i>2.00 Rarely</i>		<i>3.00 Sometimes</i>		<i>4.00 Most of the time</i>		<i>5.00 Always</i>		<i>1.00 Never</i>		<i>2.00 Rarely</i>		<i>3.00 Sometimes</i>		<i>4.00 Most of the time</i>		<i>5.00 Always</i>	
<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>
9	22.5%	6	15.0%	20	50.0%	2	5.0%	3	7.5%	39	36.8%	30	28.3%	26	24.5%	7	6.6%	4	3.8%

Table S2.40

Anxious behaviours

<i>.00 Imprinting centre defect/ UPD/UBE3A Mutation</i>										<i>1.00 Chromosome deletion</i>									
<i>1.00 Never</i>		<i>2.00 Rarely</i>		<i>3.00 Sometimes</i>		<i>4.00 Most of the time</i>		<i>5.00 Always</i>		<i>1.00 Never</i>		<i>2.00 Rarely</i>		<i>3.00 Sometimes</i>		<i>4.00 Most of the time</i>		<i>5.00 Always</i>	
<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>
12	33.3%	9	25.0%	9	25.0%	3	8.3%	3	8.3%	47	47.0%	15	15.0%	25	25.0%	10	10.0%	3	3.0%

Table S2.41

Oppositional behaviours

<i>.00 Imprinting centre defect/ UPD/UBE3A Mutation</i>										<i>1.00 Chromosome deletion</i>									
<i>1.00 Never</i>		<i>2.00 Rarely</i>		<i>3.00 Sometimes</i>		<i>4.00 Most of the time</i>		<i>5.00 Always</i>		<i>1.00 Never</i>		<i>2.00 Rarely</i>		<i>3.00 Sometimes</i>		<i>4.00 Most of the time</i>		<i>5.00 Always</i>	
<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>
8	19.5%	6	14.6%	18	43.9%	6	14.6%	3	7.3%	23	22.8%	26	25.7%	39	38.6%	12	11.9%	1	1.0%

Table S2.42

Biting

<i>.00 Imprinting centre defect/ UPD/UBE3A Mutation</i>										<i>1.00 Chromosome deletion</i>									
<i>1.00 Never</i>		<i>2.00 Rarely</i>		<i>3.00 Sometimes</i>		<i>4.00 Most of the time</i>		<i>5.00 Always</i>		<i>1.00 Never</i>		<i>2.00 Rarely</i>		<i>3.00 Sometimes</i>		<i>4.00 Most of the time</i>		<i>5.00 Always</i>	
<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>
15	36.6%	11	26.8%	9	22.0%	4	9.8%	2	4.9%	57	54.3%	25	23.8%	16	15.2%	6	5.7%	1	1.0%



Table S2.43

## Hair pulling

<i>.00 Imprinting centre defect/ UPD/UBE3A Mutation</i>										<i>1.00 Chromosome deletion</i>									
<i>1.00 Never</i>		<i>2.00 Rarely</i>		<i>3.00 Sometimes</i>		<i>4.00 Most of the time</i>		<i>5.00 Always</i>		<i>1.00 Never</i>		<i>2.00 Rarely</i>		<i>3.00 Sometimes</i>		<i>4.00 Most of the time</i>		<i>5.00 Always</i>	
<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>
11	27.5%	8	20.0%	11	27.5%	5	12.5%	5	12.5%	32	30.2%	24	22.6%	32	30.2%	12	11.3%	6	5.7%

Table S2.44

## Hitting

<i>.00 Imprinting centre defect/ UPD/UBE3A Mutation</i>										<i>1.00 Chromosome deletion</i>									
<i>1.00 Never</i>		<i>2.00 Rarely</i>		<i>3.00 Sometimes</i>		<i>4.00 Most of the time</i>		<i>5.00 Always</i>		<i>1.00 Never</i>		<i>2.00 Rarely</i>		<i>3.00 Sometimes</i>		<i>4.00 Most of the time</i>		<i>5.00 Always</i>	
<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>
24	58.5%	3	7.3%	7	17.1%	5	12.2%	2	4.9%	73	67.6%	15	13.9%	17	15.7%	2	1.9%	1	0.9%

Table S2.45

## Grabbing

<i>.00 Imprinting centre defect/ UPD/UBE3A Mutation</i>										<i>1.00 Chromosome deletion</i>									
<i>1.00 Never</i>		<i>2.00 Rarely</i>		<i>3.00 Sometimes</i>		<i>4.00 Most of the time</i>		<i>5.00 Always</i>		<i>1.00 Never</i>		<i>2.00 Rarely</i>		<i>3.00 Sometimes</i>		<i>4.00 Most of the time</i>		<i>5.00 Always</i>	
<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>
11	26.8%	9	22.0%	13	31.7%	7	17.1%	1	2.4%	37	34.3%	22	20.4%	26	24.1%	19	17.6%	4	3.7%

Table S2.46

## Hyperactivity

<i>.00 Imprinting centre defect/ UPD/UBE3A Mutation</i>										<i>1.00 Chromosome deletion</i>									
<i>1.00 Never</i>		<i>2.00 Rarely</i>		<i>3.00 Sometimes</i>		<i>4.00 Most of the time</i>		<i>5.00 Always</i>		<i>1.00 Never</i>		<i>2.00 Rarely</i>		<i>3.00 Sometimes</i>		<i>4.00 Most of the time</i>		<i>5.00 Always</i>	
<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>
5	12.2%	11	26.8%	11	26.8%	9	22.0%	5	12.2%	17	15.9%	15	14.0%	32	29.9%	26	24.3%	17	15.9%

Table S2.47

## Poor attention

<i>.00 Imprinting centre defect/ UPD/UBE3A Mutation</i>										<i>1.00 Chromosome deletion</i>									
<i>1.00 Never</i>		<i>2.00 Rarely</i>		<i>3.00 Sometimes</i>		<i>4.00 Most of the time</i>		<i>5.00 Always</i>		<i>1.00 Never</i>		<i>2.00 Rarely</i>		<i>3.00 Sometimes</i>		<i>4.00 Most of the time</i>		<i>5.00 Always</i>	
<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>
1	2.4%	5	12.2%	9	22.0%	16	39.0%	10	24.4%	4	3.7%	15	14.0%	35	32.7%	36	33.6%	17	15.9%

Table S2.48

## Good concentration

<i>.00 Imprinting centre defect/ UPD/UBE3A Mutation</i>										<i>1.00 Chromosome deletion</i>									
<i>1.00 Never</i>		<i>2.00 Rarely</i>		<i>3.00 Sometimes</i>		<i>4.00 Most of the time</i>		<i>5.00 Always</i>		<i>1.00 Never</i>		<i>2.00 Rarely</i>		<i>3.00 Sometimes</i>		<i>4.00 Most of the time</i>		<i>5.00 Always</i>	
<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>
4	10.0%	1	2.5%	11	27.5%	16	40.0%	8	20.0%	13	13.7%	15	15.8%	30	31.6%	28	29.5%	9	9.5%

Table S2.49

Fascination with water

<i>.00 Imprinting centre defect/ UPD/UBE3A Mutation</i>										<i>1.00 Chromosome deletion</i>									
1.00 Never		2.00 Rarely		3.00 Sometimes		4.00 Most of the time		5.00 Always		1.00 Never		2.00 Rarely		3.00 Sometimes		4.00 Most of the time		5.00 Always	
<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>
4	9.8%	2	4.9%	8	19.5%	3	7.3%	24	58.5%	9	8.3%	11	10.2%	13	12.0%	27	25.0%	48	44.4%

Table S2.50

Impulsivity

<i>.00 Imprinting centre defect/ UPD/UBE3A Mutation</i>										<i>1.00 Chromosome deletion</i>									
1.00 Never		2.00 Rarely		3.00 Sometimes		4.00 Most of the time		5.00 Always		1.00 Never		2.00 Rarely		3.00 Sometimes		4.00 Most of the time		5.00 Always	
<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>
17	43.6%	3	7.7%	9	23.1%	7	17.9%	3	7.7%	62	70.5%	6	6.8%	10	11.4%	7	8.0%	3	3.4%

Table S2.51

Smiling at nothing

<i>.00 Imprinting centre defect/ UPD/UBE3A Mutation</i>										<i>1.00 Chromosome deletion</i>									
1.00 Never		2.00 Rarely		3.00 Sometimes		4.00 Most of the time		5.00 Always		1.00 Never		2.00 Rarely		3.00 Sometimes		4.00 Most of the time		5.00 Always	
<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>
18	43.9%	9	22.0%	7	17.1%	4	9.8%	3	7.3%	24	21.8%	26	23.6%	28	25.5%	22	20.0%	10	9.1%

Table S2.52

Appropriate smiling

<i>.00 Imprinting centre defect/ UPD/UBE3A Mutation</i>										<i>1.00 Chromosome deletion</i>									
1.00 Never		2.00 Rarely		3.00 Sometimes		4.00 Most of the time		5.00 Always		1.00 Never		2.00 Rarely		3.00 Sometimes		4.00 Most of the time		5.00 Always	
<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>
2	4.9%	1	2.4%	3	7.3%	12	29.3%	23	56.1%	0	0.0%	6	5.5%	25	22.7%	45	40.9%	34	30.9%

Table S2.53

Spontaneous laughter

<i>.00 Imprinting centre defect/ UPD/UBE3A Mutation</i>										<i>1.00 Chromosome deletion</i>									
1.00 Never		2.00 Rarely		3.00 Sometimes		4.00 Most of the time		5.00 Always		1.00 Never		2.00 Rarely		3.00 Sometimes		4.00 Most of the time		5.00 Always	
<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>
20	48.8%	6	14.6%	7	17.1%	4	9.8%	4	9.8%	30	27.3%	29	26.4%	36	32.7%	9	8.2%	6	5.5%

Table S2.54

Night time laughter

<i>.00 Imprinting centre defect/ UPD/UBE3A Mutation</i>										<i>1.00 Chromosome deletion</i>									
1.00 Never		2.00 Rarely		3.00 Sometimes		4.00 Most of the time		5.00 Always		1.00 Never		2.00 Rarely		3.00 Sometimes		4.00 Most of the time		5.00 Always	
<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>
29	70.7%	8	19.5%	2	4.9%	1	2.4%	1	2.4%	52	46.8%	26	23.4%	23	20.7%	5	4.5%	5	4.5%

Table S2.55

Appropriate laughter

<i>.00 Imprinting centre defect/ UPD/UBE3A Mutation</i>										<i>1.00 Chromosome deletion</i>									
1.00 Never		2.00 Rarely		3.00 Sometimes		4.00 Most of the time		5.00 Always		1.00 Never		2.00 Rarely		3.00 Sometimes		4.00 Most of the time		5.00 Always	
<i>N</i>	%	<i>N</i>	%	<i>N</i>	%	<i>N</i>	%	<i>N</i>	%	<i>N</i>	%	<i>N</i>	%	<i>N</i>	%	<i>N</i>	%	<i>N</i>	%
2	4.9%	2	4.9%	3	7.3%	18	43.9%	16	39.0%	3	2.7%	7	6.3%	26	23.4%	41	36.9%	34	30.6%

Table S2.56

Separation anxiety

<i>.00 Imprinting centre defect/ UPD/UBE3A Mutation</i>										<i>1.00 Chromosome deletion</i>									
1.00 Never		2.00 Rarely		3.00 Sometimes		4.00 Most of the time		5.00 Always		1.00 Never		2.00 Rarely		3.00 Sometimes		4.00 Most of the time		5.00 Always	
<i>N</i>	%	<i>N</i>	%	<i>N</i>	%	<i>N</i>	%	<i>N</i>	%	<i>N</i>	%	<i>N</i>	%	<i>N</i>	%	<i>N</i>	%	<i>N</i>	%
7	17.1%	11	26.8%	15	36.6%	6	14.6%	2	4.9%	24	22.0%	34	31.2%	27	24.8%	17	15.6%	7	6.4%

Table S2.57

Fear of being left with strangers

<i>.00 Imprinting centre defect/ UPD/UBE3A Mutation</i>										<i>1.00 Chromosome deletion</i>									
1.00 Never		2.00 Rarely		3.00 Sometimes		4.00 Most of the time		5.00 Always		1.00 Never		2.00 Rarely		3.00 Sometimes		4.00 Most of the time		5.00 Always	
<i>N</i>	%	<i>N</i>	%	<i>N</i>	%	<i>N</i>	%	<i>N</i>	%	<i>N</i>	%	<i>N</i>	%	<i>N</i>	%	<i>N</i>	%	<i>N</i>	%
13	34.2%	12	31.6%	7	18.4%	4	10.5%	2	5.3%	56	62.2%	15	16.7%	13	14.4%	3	3.3%	3	3.3%

Table S2.58

Skin picking

<i>.00 Imprinting centre defect/ UPD/UBE3A Mutation</i>										<i>1.00 Chromosome deletion</i>									
1.00 Never		2.00 Rarely		3.00 Sometimes		4.00 Most of the time		5.00 Always		1.00 Never		2.00 Rarely		3.00 Sometimes		4.00 Most of the time		5.00 Always	
<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>
30	75.0%	3	7.5%	5	12.5%	1	2.5%	1	2.5%	96	88.9%	5	4.6%	6	5.6%	1	0.9%	0	0.0%

Table S2.59

Head banging

<i>.00 Imprinting centre defect/ UPD/UBE3A Mutation</i>								<i>1.00 Chromosome deletion</i>							
1.00 Never		2.00 Rarely		3.00 Sometimes		5.00 Always		1.00 Never		2.00 Rarely		3.00 Sometimes		5.00 Always	
<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>
26	63.4%	7	17.1%	7	17.1%	1	2.4%	77	71.3%	14	13.0%	14	13.0%	3	2.8%

Table S2.60

Self hitting

<i>.00 Imprinting centre defect/ UPD/UBE3A Mutation</i>										<i>1.00 Chromosome deletion</i>									
1.00 Never		2.00 Rarely		3.00 Sometimes		4.00 Most of the time		5.00 Always		1.00 Never		2.00 Rarely		3.00 Sometimes		4.00 Most of the time		5.00 Always	
<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>
32	80.0%	2	5.0%	5	12.5%	0	0.0%	1	2.5%	101	92.7%	2	1.8%	5	4.6%	1	0.9%	0	0.0%

Section 3. Descriptive statistics and statistical tests, age first performed activity

Table S3.1

Comparisons age first performed activity

Activity	Non deletion			Deletion			<i>t</i> -test	Mann Whitney <i>U</i>
	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>		
Speaking	17	2.31	0.966	31	2.19	1.106	$t(1,48)=-0.369, p=0.714, d=1.06$	$U(1, 48)=240.000, Z=-0.513, p=.608$
Sitting	38	0.90	0.372	97	1.30	0.657	$t(1,115.95)=-4.50, p<.001, d=0.59$	$U(1, 135)=2605.000, Z=3.763, p<.001$
Walking	23	2.61	1.070	38	3.15	2.636	$t(1,61)=-0.95, p=0.346, d=2.19$	$U(1, 61)=511.000, Z=1.109, p=.267$
Hold things	33	1.03	1.332	90	0.97	0.653	$t(1,123)=0.32, p=0.748, d=0.88$	$U(1, 123)=1623.000, Z=0.799, p=.424$
Point	26	2.14	1.075	29	2.51	0.883	$t(1,55)=-1.38, p=0.174, d=0.98$	$U(1, 55)=483.000, Z=1.836, p=.066$
Transfer items between hands	31	1.27	0.664	79	1.32	0.757	$t(1,110)=-0.33, p=0.742, d=0.73$	$U(1, 110)=1250.500, Z=.174, p=.861$
Put up hands to help dress	26	2.15	0.965	38	2.45	1.119	$t(1,64)=-1.11, p=0.272, d=1.06$	$U(1, 64)=576.500, Z=1.147, p=.251$
Take off simple clothes	25	2.64	0.999	30	2.37	1.020	$t(1,55)=0.98, p=0.333, d=1.01$	$U(1, 55)=319.500, Z=-.953, p=.341$
Take off complex clothes	14	3.33	1.347	10	2.95	1.301	$t(1,24)=0.69, p=0.500, d=1.33$	$U(1, 24)=64.000, Z=-.360, p=.752$
Dress self with errors	5	3.80	0.837	2	2.00	1.414	$t(1,7)=-2.20, p=0.080, d=0.98$	$U(1, 7)=1.000, Z=-1.623, p=.190$
Continent/ toilet trained	8	3.52	0.862	18	3.00	1.318	$t(1,26)=1.01, p=0.323, d=1.20$	$U(1, 26)=48.500, Z=-1.321, p=.196$
Indications of toileting behaviours	18	3.33	1.241	20	3.20	1.229	$t(1,38)=0.32, p=0.749, d=1.23$	$U(1, 38)=156.500, Z=-.699, p=.496$
Indicates when wants to go to the toilet	16	3.56	1.051	12	3.19	1.051	$t(1,28)=0.92, p=0.368, d=1.05$	$U(1, 28)=76.000, Z=-.955, p=.371$
Continent of urine in day	10	3.80	1.059	12	3.35	1.352	$t(1,22)=0.847, p=0.407, d=1.23$	$U(1, 22)=46.000, Z=-.948, p=.381$
Continent of stools	11	3.42	1.745	11	2.93	1.550	$t(1,22)=0.70, p=0.492, d=1.650$	$U(1, 22)=48.500, Z=-.796, p=.438$
Hold bottle	35	1.18	0.806	95	1.23	0.741	$t(1,130)=-0.31, p=0.757, d=0.76$	$U(1, 130)=1857.500, Z=1.039, p=.299$
Chew all textures	26	1.80	0.785	49	1.59	0.758	$t(1,75)=1.144, p=0.256, d=0.77$	$U(1, 75)=497.500, Z=-1.596, p=.100$
Finger feed	32	1.29	0.710	71	1.50	0.716	$t(1,103)=-1.41, p=0.162, d=0.71$	$U(1, 103)=1343.000, Z=-1.512, p=.130$
Feed self with fingers or utensils	29	1.78	0.971	61	1.71	0.998	$t(1,90)=0.29, p=0.775, d=0.990$	$U(1, 90)=838.000, Z=-.408, p=.683$
Hold cup/ drink	30	1.92	1.110	59	1.79	1.039	$t(1,89)=0.55, p=0.583, d=1.063$	$U(1, 89)=809.500, Z=-.662, p=.508$
Indicates when full	22	2.06	1.121	48	1.53	1.715	$t(1,70)=1.33, p=0.189, d=1.56$	$U(1, 70)=302.000, Z=-2.963, p=.003$

Section 4. Frequencies and age descriptives

Table S4.1

Frequency Speaking by current age

Imprinting centre defect/ UPD/UBE3A Mutation															Chromosome deletion																	
Never			Rarely			Sometimes			Most of the time			Always			Never			Rarely			Sometimes			Most of the time			Always					
N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD
27	3.26	1.41	5	4.20	1.19	1	3.36		2	3.07	1.28	8	4.84	1.09	89	2.80	1.50	20	3.38	1.52	7	3.99	2.07	0			7	4.60	1.27			

Table S4.2

All forms of communication by age

Imprinting centre defect/ UPD/UBE3A Mutation															Chromosome deletion																	
Babbles			Moans			Intentional sounds			Single words			2 or 3 word phrases			Babbles			Moans			Intentional sounds			Single words			2 or 3 word phrases					
N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD
29	3.76	1.26	38	3.76	1.40	38	3.84	1.45	16	4.55	1.36	0			62	3.16	1.61	91	3.17	1.62	76	3.26	1.62	19	4.32	1.71	1	5.87				

Table S4.3

Most effective verbal language by age

Imprinting centre defect/ UPD/UBE3A Mutation															Chromosome deletion																				
Moans			Babbles			Intentional sounds			Single words			2-3 word phrases			Longer phrase speech			Moans			Babbles			Intentional sounds			Single words			2-3 word phrases			Longer phrase speech		
N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD
1	3.9	1.4	5	3.4	1.6	1	3.9	1.4	8	3.9	1.3	0			0			3	3.1	1.6	1	3.3	1.6	3	3.0	1.5	4	4.2	2.1	2	1.8	0.2	1	4.0	
1	5	2	5	3.4	1.6	8	3.9	1.4	7	3.9	1.3	0			0			4	3.1	1.6	6	3.3	1.6	5	3.0	1.5	7	4.2	2.1	4	1.8	0.2	1	4.0	



Table S4.4

Best understanding by age

Imprinting centre defect/ UPD/UBE3A Mutation															Chromosome deletion																	
Single word, such as no			Simple phrase commands such as Don't Touch			Commands - single step-longer sentence i.e, Go to your room now.			Commands - 2 step e.g Go to your room and bring back your water bottle.			Commands 3 step			Single word, such as no			Simple phrase commands such as Don't Touch			Commands - single step-longer sentence i.e, Go to your room now.			Commands - 2 step e.g Go to your room and bring back your water bottle.			Commands 3 step					
N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD
4	4.5	1.91	7	3.4	1.21	7	4.0	1.48	16	4.0	1.17	1	6.7		22	3.3	1.58	27	3.3	1.53	8	3.5	1.59	6	4.5	1.60	0					
	4			3			1			1			5			0			8			6			7							

Table S4.5

Use of speech by age

Imprinting centre defect/ UPD/UBE3A Mutation															Chromosome deletion																	
1.00 Doesn't use			2.00 Rarely uses			3.00 Uses for single requests regularly			4.00 Communicates effectively with known people			5.00 Communicates effectively with known and unknown people			1.00 Doesn't use			2.00 Rarely uses			3.00 Uses for single requests regularly			4.00 Communicates effectively with known people			5.00 Communicates effectively with known and unknown people					
N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD
24	3.3	1.3	7	4.1	1.6	9	4.0	1.2	0			3	4.7	2.0	10	2.9	1.5	11	3.6	1.5	6	4.4	1.1	2	3.9	2.7	2	4.0	0.4			
	5	3		5	8		9	3					4	3		9	9		2	9		6	4		5	1		8	7			



Table S4.8

Visual pictures by age

Imprinting centre defect/ UPD/UBE3A Mutation															Chromosome deletion																				
1.00 Doesn't use			2.00 Rarely uses			3.00 Uses for single requests regularly			4.00 Communicates effectively with known people			5.00 Communicates effectively with known and unknown people			1.00 Doesn't use			2.00 Rarely uses			3.00 Uses for single requests regularly			4.00 Communicates effectively with known people			5.00 Communicates effectively with known and unknown people								
AgeComMod5			AgeComMod5			AgeComMod5			AgeComMod5			AgeComMod5			AgeComMod5			AgeComMod5			AgeComMod5			AgeComMod5			AgeComMod5								
N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD
17	3.2	1.5	10	4.0	1.0	11	3.8	1.3	4	4.8	1.4	1	5.6		83	2.7	1.5	27	3.4	1.6	8	4.2	1.0	3	4.8	2.4	0								
	9	5		2	9		5	1		2	7		2			8	4		6	0		2	8		6	7									

Table S4.9

Eye tracking devices by ages

Imprinting centre defect/ UPD/UBE3A Mutation															Chromosome deletion																	
1.00 Doesn't use			2.00 Rarely uses			3.00 Uses for single requests regularly			4.00 Communicates effectively with known people			5.00 Communicates effectively with known and unknown people			1.00 Doesn't use			2.00 Rarely uses			3.00 Uses for single requests regularly			4.00 Communicates effectively with known people			5.00 Communicates effectively with known and unknown people					
N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD
41	3.77	1.45	0			0			0			0			110	3.01	1.58	4	4.92	2.01	4	3.30	1.90	1	4.12		1	2.83				

Table S4.10

Low tech AAC by age

<i>Imprinting centre defect/ UPD/UBE3A Mutation</i>												<i>Chromosome deletion</i>																	
<i>1.00 Doesn't use</i>			<i>2.00 Rarely uses</i>			<i>3.00 Uses for single requests regularly</i>			<i>4.00 Communicates effectively with known people</i>			<i>5.00 Communicates effectively with known and unknown people</i>			<i>1.00 Doesn't use</i>			<i>2.00 Rarely uses</i>			<i>3.00 Uses for single requests regularly</i>			<i>4.00 Communicates effectively with known people</i>			<i>5.00 Communicates effectively with known and unknown people</i>		
<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>
19	3.58	1.54	13	3.81	1.44	7	3.65	0.97	1	6.75		1	4.55		85	2.73	1.49	27	3.72	1.58	8	4.27	1.75	1	2.03		0		

Table S4.11

High tech AAC by age

<i>Imprinting centre defect/ UPD/UBE3A Mutation</i>												<i>Chromosome deletion</i>																				
<i>1.00 Doesn't use</i>			<i>2.00 Rarely uses</i>			<i>3.00 Uses for single requests regularly</i>			<i>4.00 Communicates effectively with known people</i>			<i>5.00 Communicates effectively with known and unknown people</i>			<i>1.00 Doesn't use</i>			<i>2.00 Rarely uses</i>			<i>3.00 Uses for single requests regularly</i>			<i>4.00 Communicates effectively with known people</i>			<i>5.00 Communicates effectively with known and unknown people</i>					
<i>AgeComMod5</i>			<i>AgeComMod5</i>			<i>AgeComMod5</i>			<i>AgeComMod5</i>			<i>AgeComMod5</i>			<i>AgeComMod5</i>			<i>AgeComMod5</i>			<i>AgeComMod5</i>			<i>AgeComMod5</i>			<i>AgeComMod5</i>					
<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>
24	3.5	1.4	5	4.0	1.1	11	4.1	1.6	0			2	3.3	1.6	88	2.9	1.6	23	3.4	1.6	12	3.6	1.5	1	2.8		1	3.6		7	3	

Gross and fine motor

Table S4.12

Gross motor sit by age

Imprinting centre defect/ UPD/UBE3A Mutation															Chromosome deletion																	
1.00 Unable to perform activity			2.00 Severe difficulty			3.00 Moderate difficulty			4.00 Mild difficulty			5.00 No difficulty			1.00 Unable to perform activity			2.00 Severe difficulty			3.00 Moderate difficulty			4.00 Mild difficulty			5.00 No difficulty					
N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD
1	3.43		1	1.52		8	4.59	1.91	8	3.70	0.91	27	3.47	1.30	22	1.73	1.04	3	1.82	0.20	16	3.26	1.65	36	2.86	1.48	56	3.55	1.60			

Table S4.13

Gross motor walking by age

Imprinting centre defect/ UPD/UBE3A Mutation															Chromosome deletion																	
1.00 Unable to perform activity			2.00 Severe difficulty			3.00 Moderate difficulty			4.00 Mild difficulty			5.00 No difficulty			1.00 Unable to perform activity			2.00 Severe difficulty			3.00 Moderate difficulty			4.00 Mild difficulty			5.00 No difficulty					
N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD
11	2.89	1.20	4	3.86	1.58	2	4.26	0.40	8	4.58	1.50	1	3.4	1.84	1	3.1	1.50	50	2.38	1.23	1	4.13	1.26	14	3.67	1.20	1	4.48	1.48	7	4.59	1.66

Table S4.14

Hold things by age

Imprinting centre defect/ UPD/UBE3A Mutation															Chromosome deletion																	
1.00 Unable to perform activity			2.00 Severe difficulty			3.00 Moderate difficulty			4.00 Mild difficulty			5.00 No difficulty			1.00 Unable to perform activity			2.00 Severe difficulty			3.00 Moderate difficulty			4.00 Mild difficulty			5.00 No difficulty					
N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD
0			1	5.46		2	1.88	0.50	8	3.95	1.07	30	3.68	1.53	1	1.53		2	1.54	0.84	4	2.92	1.42	30	2.90	1.38	84	3.05	1.62			

Table S4.15

Fine motor transfer by age

Imprinting centre defect/ UPD/UBE3A Mutation															Chromosome deletion																	
1.00 Unable to perform activity			2.00 Severe difficulty			3.00 Moderate difficulty			4.00 Mild difficulty			5.00 No difficulty			1.00 Unable to perform activity			2.00 Severe difficulty			3.00 Moderate difficulty			4.00 Mild difficulty			5.00 No difficulty					
N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD
0			0			3	2.05	0.46	10	3.58	1.70	24	3.76	1.38	4	1.69	0.82	7	2.24	1.27	12	2.52	1.60	37	3.02	1.45	55	3.22	1.66			

Table S4.16

Fine motor point by age

Imprinting centre defect/ UPD/UBE3A Mutation															Chromosome deletion																	
1.00 Unable to perform activity			2.00 Severe difficulty			3.00 Moderate difficulty			4.00 Mild difficulty			5.00 No difficulty			1.00 Unable to perform activity			2.00 Severe difficulty			3.00 Moderate difficulty			4.00 Mild difficulty			5.00 No difficulty					
N	M	SD	N	M	SD	N	M	SD	N	M	S D	N	M	S D	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	S D	N	M	S D
7	3.24	1.81	3	3.7 5	1.3 5	6	3.5 6	1.4 1	6	3. 75	1. 24	16	3. 84	1. 51	46	2.43	1.33	14	3.7 6	1.4 2	12	3.6 1	1.5 4	14	4. 13	1. 60	6	4.2 2	1. 49			

Adaptive behaviour

Table S4.17

Put up hands to help dress by age

Imprinting centre defect/ UPD/UBE3A Mutation															Chromosome deletion																	
1.00 Unable to perform activity			2.00 Severe difficulty			3.00 Moderate difficulty			4.00 Mild difficulty			5.00 No difficulty			1.00 Unable to perform activity			2.00 Severe difficulty			3.00 Moderate difficulty			4.00 Mild difficulty			5.00 No difficulty					
N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD
8	2.6 3	0.7 7	1	3.1 5		6	4.4 5	1.7 2	5	4.3 0	1.0 5	19	3.7 9	1.5 1	38	2.3 4	1.3 9	7	3.2 7	0.9 2	14	3.5 8	1.5 3	24	3.3 7	1.5 0	14	4.4 5	1.5 8			

Table S4.18

Take of simple clothes by age

Imprinting centre defect/ UPD/UBE3A Mutation															Chromosome deletion																							
1.00 Unable to perform activity			2.00 Severe difficulty			3.00 Moderate difficulty			4.00 Mild difficulty			5.00 No difficulty			1.00 Unable to perform activity			2.00 Severe difficulty			3.00 Moderate difficulty			4.00 Mild difficulty			5.00 No difficulty											
N	M	SD	N	M	SD	N	M	SD	N	M	S D	N	M	S D	N	M	SD	N	M	SD	N	M	SD	N	M	S D	N	M	S D	N	M	S D						
9	2.30	0.65	1	2.6		6	4.3	1.1	14	3.	1.	9	4.	1.	48	2.48	1.43	9	3.4	1.7	18	4.1	1.5	7	3.	1.	12	3.	1.									
			9	9		4	4	1	74	74	20	9	79	52							2	7		9	9	1	00	00		75	83							

Table S4.19

Table off complex clothes by age

Imprinting centre defect/ UPD/UBE3A Mutation															Chromosome deletion																				
1.00 Unable to perform activity			2.00 Severe difficulty			3.00 Moderate difficulty			4.00 Mild difficulty			5.00 No difficulty			1.00 Unable to perform activity			2.00 Severe difficulty			3.00 Moderate difficulty			4.00 Mild difficulty			5.00 No difficulty								
N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD			
20	3.1	1.1	6	4.5	1.4	6	3.7	1.8	2	5.3	1.9	1	3.2		67	2.8	1.5	5	4.4	1.1	4	4.2	1.8	3	5.8	0.7	0								
	4	6	1	1	0	1	1	5	6	6	6	6	6			4	3	0	0	5	0	6		2	8										

Table S4.20

Dresses self but with errors by age

.00 Imprinting centre defect/ UPD/UBE3A Mutation															1.00 Chromosome deletion														
1.00 Unable to perform activity			2.00 Severe difficulty			3.00 Moderate difficulty			5.00 No difficulty			1.00 Unable to perform activity			2.00 Severe difficulty			3.00 Moderate difficulty			5.00 No difficulty								
N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD			
29	3.61	1.40	4	3.56	1.50	2	6.17	0.83	0						72	2.99	1.58	1	6.06		2	6.11	0.35	0					

Table S4.21

Is continent by age

<i>.00 Imprinting centre defect/ UPD/UBE3A Mutation</i>															<i>1.00 Chromosome deletion</i>														
<i>1.00 Unable to perform activity</i>			<i>2.00 Severe difficulty</i>			<i>3.00 Moderate difficulty</i>			<i>4.00 Mild difficulty</i>			<i>5.00 No difficulty</i>			<i>1.00 Unable to perform activity</i>			<i>2.00 Severe difficulty</i>			<i>3.00 Moderate difficulty</i>			<i>4.00 Mild difficulty</i>			<i>5.00 No difficulty</i>		
<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>
25	3.37	1.32	3	4.98	1.86	4	3.76	1.16	1	4.62		4	5.03	1.70	60	2.74	1.55	9	4.54	1.33	6	3.88	1.09	8	4.28	1.54	2	5.44	0.60

Table S4.22

Shows toileting behaviours by age

<i>.00 Imprinting centre defect/ UPD/UBE3A Mutation</i>															<i>1.00 Chromosome deletion</i>														
<i>1.00 Unable to perform activity</i>			<i>2.00 Severe difficulty</i>			<i>3.00 Moderate difficulty</i>			<i>4.00 Mild difficulty</i>			<i>5.00 No difficulty</i>			<i>1.00 Unable to perform activity</i>			<i>2.00 Severe difficulty</i>			<i>3.00 Moderate difficulty</i>			<i>4.00 Mild difficulty</i>			<i>5.00 No difficulty</i>		
<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>
17	3.05	1.43	8	4.05	0.95	6	4.54	1.39	3	3.79	0.61	4	4.44	2.10	59	2.66	1.43	12	4.40	1.62	7	4.14	1.05	4	4.16	1.80	3	5.82	0.78

Table S4.23

Indicates when they want to go to the toilet by age

<i>.00 Imprinting centre defect/ UPD/UBE3A Mutation</i>															<i>1.00 Chromosome deletion</i>														
<i>1.00 Unable to perform activity</i>			<i>2.00 Severe difficulty</i>			<i>3.00 Moderate difficulty</i>			<i>4.00 Mild difficulty</i>			<i>5.00 No difficulty</i>			<i>1.00 Unable to perform activity</i>			<i>2.00 Severe difficulty</i>			<i>3.00 Moderate difficulty</i>			<i>4.00 Mild difficulty</i>			<i>5.00 No difficulty</i>		
<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>
17	3.15	1.41	7	4.60	1.38	7	3.73	0.89	0			7	4.00	1.71	63	2.85	1.57	8	3.95	1.16	6	5.55	0.74	1	4.61		2	5.44	0.60



Table S4.24

Continent of stools by age

<i>.00 Imprinting centre defect/ UPD/UBE3A Mutation</i>															<i>1.00 Chromosome deletion</i>														
<i>1.00 Unable to perform activity</i>			<i>2.00 Severe difficulty</i>			<i>3.00 Moderate difficulty</i>			<i>4.00 Mild difficulty</i>			<i>5.00 No difficulty</i>			<i>1.00 Unable to perform activity</i>			<i>2.00 Severe difficulty</i>			<i>3.00 Moderate difficulty</i>			<i>4.00 Mild difficulty</i>			<i>5.00 No difficulty</i>		
<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>
22	3.40	1.33	3	5.66	0.81	4	3.13	1.25	2	4.07	0.52	6	4.04	1.90	63	2.77	1.46	5	4.62	1.67	2	5.43	1.19	6	4.74	1.03	3	5.74	0.28

Table S4.25

Continent of urine during day by age

<i>.00 Imprinting centre defect/ UPD/UBE3A Mutation</i>															<i>1.00 Chromosome deletion</i>														
<i>1.00 Unable to perform activity</i>			<i>2.00 Severe difficulty</i>			<i>3.00 Moderate difficulty</i>			<i>4.00 Mild difficulty</i>			<i>5.00 No difficulty</i>			<i>1.00 Unable to perform activity</i>			<i>2.00 Severe difficulty</i>			<i>3.00 Moderate difficulty</i>			<i>4.00 Mild difficulty</i>			<i>5.00 No difficulty</i>		
<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>
26	3.40	1.32	0			3	5.59	0.91	2	3.14	0.79	5	4.36	1.93	59	2.73	1.49	6	5.01	1.17	2	4.43	0.02	5	4.42	2.11	5	5.15	0.99

Table S4.26

Hold a bottle by age

<i>.00 Imprinting centre defect/ UPD/UBE3A Mutation</i>															<i>1.00 Chromosome deletion</i>														
<i>1.00 Unable to perform activity</i>			<i>2.00 Severe difficulty</i>			<i>3.00 Moderate difficulty</i>			<i>4.00 Mild difficulty</i>			<i>5.00 No difficulty</i>			<i>1.00 Unable to perform activity</i>			<i>2.00 Severe difficulty</i>			<i>3.00 Moderate difficulty</i>			<i>4.00 Mild difficulty</i>			<i>5.00 No difficulty</i>		
<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>
0			3	3.07	2.10	7	3.63	1.18	10	4.61	1.78	23	3.41	1.15	13	2.08	1.18	9	3.40	1.87	14	2.40	1.77	31	3.28	1.56	55	3.16	1.63

Table S4.27

Chew all textures by age

<i>.00 Imprinting centre defect/ UPD/UBE3A Mutation</i>															<i>1.00 Chromosome deletion</i>														
<i>1.00 Unable to perform activity</i>			<i>2.00 Severe difficulty</i>			<i>3.00 Moderate difficulty</i>			<i>4.00 Mild difficulty</i>			<i>5.00 No difficulty</i>			<i>1.00 Unable to perform activity</i>			<i>2.00 Severe difficulty</i>			<i>3.00 Moderate difficulty</i>			<i>4.00 Mild difficulty</i>			<i>5.00 No difficulty</i>		
<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>
1	1.80		2	6.22	1.08	6	3.06	1.57	14	3.49	1.10	16	3.74	1.49	14	1.47	0.49	14	3.63	1.81	22	2.40	1.30	27	3.35	1.47	21	4.03	1.41

Table S4.28

Finger feed by age

<i>.00 Imprinting centre defect/ UPD/UBE3A Mutation</i>															<i>1.00 Chromosome deletion</i>														
<i>1.00 Unable to perform activity</i>			<i>2.00 Severe difficulty</i>			<i>3.00 Moderate difficulty</i>			<i>4.00 Mild difficulty</i>			<i>5.00 No difficulty</i>			<i>1.00 Unable to perform activity</i>			<i>2.00 Severe difficulty</i>			<i>3.00 Moderate difficulty</i>			<i>4.00 Mild difficulty</i>			<i>5.00 No difficulty</i>		
<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>
1	3.43		1	1.91		5	4.26	2.20	7	3.79	0.81	24	3.65	1.48	12	1.32	0.31	7	2.66	1.05	15	2.98	1.17	43	2.89	1.40	31	3.69	1.66

Table S4.29

Feed self with fingers or utensils by age

<i>.00 Imprinting centre defect/ UPD/UBE3A Mutation</i>															<i>1.00 Chromosome deletion</i>														
<i>1.00 Unable to perform activity</i>			<i>2.00 Severe difficulty</i>			<i>3.00 Moderate difficulty</i>			<i>4.00 Mild difficulty</i>			<i>5.00 No difficulty</i>			<i>1.00 Unable to perform activity</i>			<i>2.00 Severe difficulty</i>			<i>3.00 Moderate difficulty</i>			<i>4.00 Mild difficulty</i>			<i>5.00 No difficulty</i>		
<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>
1	3.43		6	3.80	1.97	7	3.40	1.41	10	3.70	1.11	16	3.71	1.64	15	1.78	0.73	10	3.54	1.53	24	2.47	1.47	37	3.35	1.51	19	3.71	1.54

Table S4.30

Hold cup by age

<i>.00 Imprinting centre defect/ UPD/UBE3A Mutation</i>															<i>1.00 Chromosome deletion</i>														
<i>1.00 Unable to perform activity</i>			<i>2.00 Severe difficulty</i>			<i>3.00 Moderate difficulty</i>			<i>4.00 Mild difficulty</i>			<i>5.00 No difficulty</i>			<i>1.00 Unable to perform activity</i>			<i>2.00 Severe difficulty</i>			<i>3.00 Moderate difficulty</i>			<i>4.00 Mild difficulty</i>			<i>5.00 No difficulty</i>		
<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>
4	4.61	2.06	1	1.80		5	3.47	1.08	11	3.89	1.47	17	3.56	1.40	24	1.96	1.03	14	3.16	1.55	11	3.37	1.85	22	3.67	1.57	36	3.27	1.56

Table S4.31

Indicates when full by age

<i>.00 Imprinting centre defect/ UPD/UBE3A Mutation</i>															<i>1.00 Chromosome deletion</i>														
<i>1.00 Unable to perform activity</i>			<i>2.00 Severe difficulty</i>			<i>3.00 Moderate difficulty</i>			<i>4.00 Mild difficulty</i>			<i>5.00 No difficulty</i>			<i>1.00 Unable to perform activity</i>			<i>2.00 Severe difficulty</i>			<i>3.00 Moderate difficulty</i>			<i>4.00 Mild difficulty</i>			<i>5.00 No difficulty</i>		
<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>
6	3.84	1.75	2	3.54	1.85	4	3.18	1.36	7	3.22	1.22	16	4.13	1.54	9	2.75	1.55	8	3.06	1.64	11	2.78	1.54	26	3.05	1.64	46	3.17	1.64

Behaviour

Table S4.32

Behavioural problems by age

<i>.00 Imprinting centre defect/ UPD/UBE3A Mutation</i>																													
1			2			3			4			5			6			7			8			9			10		
N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD
5	3.0	1.6	1	4.7		5	4.6	1.5	4	4.1	1.9	5	3.6	1.0	3	3.3	1.2	8	3.7	1.6	4	3.6	1.6	3	2.4	0.8	3	3.0	0.7
	8	9		6			8	1		2	0		9	6		9	9		0	5		2	8		5	3		7	2

<i>1.00 Chromosome deletion</i>																													
1			2			3			4			5			6			7			8			9			10		
N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD
6	3.7	2.2	8	3.6	0.9	9	3.7	1.9	9	3.0	1.5	21	2.1	1.0	4	3.7	1.7	12	3.2	1.0	10	2.7	1.7	13	3.2	1.8	17	2.4	1.4
	7	3		0	1		6	4		9	7		4	0		5	3		7	2		1	6		2	8		8	9

Table S4.33

Repetitive behaviours by age

<i>.00 Imprinting centre defect/ UPD/UBE3A Mutation</i>															<i>1.00 Chromosome deletion</i>														
1.00 Never			2.00 Rarely			3.00 Sometimes			4.00 Most of the time			5.00 Always			1.00 Never			2.00 Rarely			3.00 Sometimes			4.00 Most of the time			5.00 Always		
N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD
20	3.3	1.41	10	3.2	1.04	3	4.8	1.58	3	4.0	1.50	2	4.4	3.66	53	2.8	1.47	18	3.3	2.04	18	2.9	1.20	14	3.3	1.72	7	2.3	1.26
	3		6			4			6			0			1			6			9			5			6		

Table S4.34

Focal movements by age

.00 Imprinting centre defect/ UPD/UBE3A Mutation															1.00 Chromosome deletion																	
1.00 Never			2.00 Rarely			3.00 Sometimes			4.00 Most of the time			5.00 Always			1.00 Never			2.00 Rarely			3.00 Sometimes			4.00 Most of the time			5.00 Always					
N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD
11	3.59	1.69	7	3.10	0.75	11	3.68	1.37	4	4.81	0.22	5	3.60	2.33	30	2.56	1.14	18	3.08	1.58	32	3.16	1.56	15	3.57	1.87	10	3.08	1.98			

Table S4.35

Whole body movements by age

.00 Imprinting centre defect/ UPD/UBE3A Mutation															1.00 Chromosome deletion																				
1.00 Never			2.00 Rarely			3.00 Sometimes			4.00 Most of the time			5.00 Always			1.00 Never			2.00 Rarely			3.00 Sometimes			4.00 Most of the time			5.00 Always								
AgeComMod5			AgeComMod5			AgeComMod5			AgeComMod5			AgeComMod5			AgeComMod5			AgeComMod5			AgeComMod5			AgeComMod5			AgeComMod5								
N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD
24	3.49	1.32	10	3.98	1.46	3	4.98	2.00	3	2.87	1.68	0			32	2.62	1.47	21	3.41	1.44	28	3.45	1.70	20	2.58	1.30	4	3.44	2.28						

Table S4.36

Mouthing by age

.00 Imprinting centre defect/ UPD/UBE3A Mutation															1.00 Chromosome deletion																	
1.00 Never			2.00 Rarely			3.00 Sometimes			4.00 Most of the time			5.00 Always			1.00 Never			2.00 Rarely			3.00 Sometimes			4.00 Most of the time			5.00 Always					
N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD
12	3.73	1.31	6	3.65	1.92	8	3.91	2.06	11	3.15	1.00	4	4.21	0.86	30	2.33	1.22	9	2.76	1.69	15	3.39	1.80	25	3.20	1.64	31	3.13	1.55			

Table S4.37

Agitation in new situations by age

.00 Imprinting centre defect/ UPD/UBE3A Mutation															1.00 Chromosome deletion																	
1.00 Never			2.00 Rarely			3.00 Sometimes			4.00 Most of the time			5.00 Always			1.00 Never			2.00 Rarely			3.00 Sometimes			4.00 Most of the time			5.00 Always					
N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD
8	3.0	1.22	10	4.1	1.60	16	3.3	1.15	2	3.9	2.21	5	4.3	2.04	28	2.8	1.44	25	3.0	1.51	28	2.8	1.53	19	2.8	1.57	7	3.9	2.31			
	7		2	2		6	6		0	0		9	9		6	6		4	4		7	7		4	4		2	2				

Table S4.38

Fear of strangers by age

.00 Imprinting centre defect/ UPD/UBE3A Mutation															1.00 Chromosome deletion																	
1.00 Never			2.00 Rarely			3.00 Sometimes			4.00 Most of the time			5.00 Always			1.00 Never			2.00 Rarely			3.00 Sometimes			4.00 Most of the time			5.00 Always					
N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD
10	3.5	1.77	13	3.8	1.77	12	3.4	1.15	3	3.6	0.39	2	4.1	1.02	38	2.9	1.56	36	3.6	1.58	23	2.4	1.20	7	2.0	1.38	4	1.8	0.71			
	1		8	8		4	4		0	0		5	5		3	3		9	9		6	6		8	8		1	1				

Table S4.39

Will socialise with anyone by age

.00 Imprinting centre defect/ UPD/UBE3A Mutation															1.00 Chromosome deletion																	
1.00 Never			2.00 Rarely			3.00 Sometimes			4.00 Most of the time			5.00 Always			1.00 Never			2.00 Rarely			3.00 Sometimes			4.00 Most of the time			5.00 Always					
N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD
2	4.7	0.23	4	3.4	0.91	10	3.1	1.12	18	3.7	1.36	7	3.7	2.35	12	2.9	1.43	17	2.6	1.69	16	2.3	1.02	41	3.3	1.52	21	3.1	1.76			
	1		5	5		7	7		7	7		8	8		9	9		3	3		4	4		2	2		9	9				

Table S4.40

Fear new situations by age

<i>.00 Imprinting centre defect/ UPD/UBE3A Mutation</i>															<i>1.00 Chromosome deletion</i>																	
<i>1.00 Never</i>			<i>2.00 Rarely</i>			<i>3.00 Sometimes</i>			<i>4.00 Most of the time</i>			<i>5.00 Always</i>			<i>1.00 Never</i>			<i>2.00 Rarely</i>			<i>3.00 Sometimes</i>			<i>4.00 Most of the time</i>			<i>5.00 Always</i>					
<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>			
9	3.7	1.86	6	3.3	1.92	20	3.5	1.23	2	3.4	0.03	3	4.9	0.15	39	2.9	1.44	30	3.5	1.72	26	2.7	1.51	7	2.5	1.36	4	2.6	1.39			
	6		6	6		9	9		1	1		5	5		3	3		3	3		4	4		9	9		8	8				

Table S4.41

Anxious behaviours by age

<i>.00 Imprinting centre defect/ UPD/UBE3A Mutation</i>															<i>1.00 Chromosome deletion</i>																	
<i>1.00 Never</i>			<i>2.00 Rarely</i>			<i>3.00 Sometimes</i>			<i>4.00 Most of the time</i>			<i>5.00 Always</i>			<i>1.00 Never</i>			<i>2.00 Rarely</i>			<i>3.00 Sometimes</i>			<i>4.00 Most of the time</i>			<i>5.00 Always</i>					
<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>			
12	3.7	1.38	9	3.7	1.66	9	3.3	1.20	3	2.5	0.83	3	5.6	1.15	47	2.8	1.47	15	3.3	1.74	25	3.2	1.62	10	2.7	1.42	3	2.8	1.65			
	6		1	1		0	0		1	1		6	6		8	8		1	1		2	2		6	6		3	3				

Table S4.42

Oppositional behaviours by age

<i>.00 Imprinting centre defect/ UPD/UBE3A Mutation</i>															<i>1.00 Chromosome deletion</i>																	
<i>1.00 Never</i>			<i>2.00 Rarely</i>			<i>3.00 Sometimes</i>			<i>4.00 Most of the time</i>			<i>5.00 Always</i>			<i>1.00 Never</i>			<i>2.00 Rarely</i>			<i>3.00 Sometimes</i>			<i>4.00 Most of the time</i>			<i>5.00 Always</i>					
<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>			
8	2.6	0.83	6	4.5	0.85	18	3.6	1.53	6	4.5	1.59	3	2.6	1.17	23	2.0	0.84	26	3.0	1.37	39	3.2	1.64	12	4.4	1.60	1	2.9				
	6		1	1		6	6		4	4		4	4		1	1		3	3		4	4		4	4		9	9				

Table S4.43

Biting by age

.00 Imprinting centre defect/ UPD/UBE3A Mutation															1.00 Chromosome deletion																				
1.00 Never			2.00 Rarely			3.00 Sometimes			4.00 Most of the time			5.00 Always			1.00 Never			2.00 Rarely			3.00 Sometimes			4.00 Most of the time			5.00 Always								
N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD			
15	3.3	1.48	11	3.7	1.57	9	4.0	1.41	4	2.7	1.12	2	4.9	0.07	57	2.4	1.41	25	3.6	1.44	16	3.8	1.73	6	3.0	1.45	1	1.3							
	7		6	6		6	6		8	8		3	3		7	7		5	5		6	6		3	3		3	3							

Table S4.44

Hair pulling by age

.00 Imprinting centre defect/ UPD/UBE3A Mutation															1.00 Chromosome deletion																				
1.00 Never			2.00 Rarely			3.00 Sometimes			4.00 Most of the time			5.00 Always			1.00 Never			2.00 Rarely			3.00 Sometimes			4.00 Most of the time			5.00 Always								
N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD			
11	3.7	1.40	8	3.3	1.58	11	3.6	1.46	5	3.0	1.15	5	4.6	1.60	32	2.1	1.39	24	3.2	1.60	32	3.6	1.45	12	3.1	1.48	6	3.2	1.40						
	8		3	3		6	6		2	2		5	5		6	6		0	0		1	1		8	8		5	5							

Table S4.45

Hitting by age

.00 Imprinting centre defect/ UPD/UBE3A Mutation															1.00 Chromosome deletion																				
1.00 Never			2.00 Rarely			3.00 Sometimes			4.00 Most of the time			5.00 Always			1.00 Never			2.00 Rarely			3.00 Sometimes			4.00 Most of the time			5.00 Always								
N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD			
24	3.2	1.29	3	2.7	0.53	7	4.7	1.18	5	4.0	2.05	2	4.9	0.07	73	2.4	1.19	15	4.3	1.83	17	4.0	1.42	2	4.5	0.63	1	1.3							
	3		6	6		6	6		8	8		3	3		4	4		1	1		6	6		7	7		3	3							



Table S4.46

Grabbing by age

.00 Imprinting centre defect/ UPD/UBE3A Mutation															1.00 Chromosome deletion																	
1.00 Never			2.00 Rarely			3.00 Sometimes			4.00 Most of the time			5.00 Always			1.00 Never			2.00 Rarely			3.00 Sometimes			4.00 Most of the time			5.00 Always					
N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD
11	3.1	1.25	9	3.7	1.62	13	3.9	1.61	7	3.6	1.32	1	4.9		37	2.2	1.09	22	3.7	1.86	26	3.3	1.43	19	3.1	1.41	4	2.2	1.89			
	3			1			0			7			8			1			8			8			9			2				

Table S4.47

Hyperactivity by age

.00 Imprinting centre defect/ UPD/UBE3A Mutation															1.00 Chromosome deletion																	
1.00 Never			2.00 Rarely			3.00 Sometimes			4.00 Most of the time			5.00 Always			1.00 Never			2.00 Rarely			3.00 Sometimes			4.00 Most of the time			5.00 Always					
N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD
5	3.5	1.08	11	3.6	1.17	11	3.4	1.50	9	3.6	1.61	5	4.1	2.24	17	2.2	1.55	15	2.6	1.45	32	3.1	1.59	26	3.5	1.65	17	2.7	1.21			
	1			9			1			4			7			7			2			5			4			1				

Table S4.48

Poor attention by age

.00 Imprinting centre defect/ UPD/UBE3A Mutation															1.00 Chromosome deletion																	
1.00 Never			2.00 Rarely			3.00 Sometimes			4.00 Most of the time			5.00 Always			1.00 Never			2.00 Rarely			3.00 Sometimes			4.00 Most of the time			5.00 Always					
N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD
1	2.4		5	4.3	1.55	9	3.8	1.16	16	3.4	1.29	10	3.5	1.93	4	2.5	2.47	15	2.6	1.32	35	2.9	1.61	36	2.8	1.41	17	3.5	1.79			
	0			0			7			3			8			7			6			4			9			1				

Table S4.49

Good concentration by age

.00 Imprinting centre defect/ UPD/UBE3A Mutation															1.00 Chromosome deletion																	
1.00 Never			2.00 Rarely			3.00 Sometimes			4.00 Most of the time			5.00 Always			1.00 Never			2.00 Rarely			3.00 Sometimes			4.00 Most of the time			5.00 Always					
N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD
4	3.2	2.5	1	2.9		11	3.0	0.8	16	3.7	1.3	8	4.7	1.2	13	3.5	1.6	15	3.1	1.5	30	3.0	1.5	28	2.8	1.5	9	3.6	1.9			
	5	0		2		7	5		7	7	7	2	5	5	3	9	9	8	6	6	5	0	0	9	0	0	2	7	7			

Table S4.50

Fascination with water by age

.00 Imprinting centre defect/ UPD/UBE3A Mutation															1.00 Chromosome deletion																	
1.00 Never			2.00 Rarely			3.00 Sometimes			4.00 Most of the time			5.00 Always			1.00 Never			2.00 Rarely			3.00 Sometimes			4.00 Most of the time			5.00 Always					
N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD
4	3.0	1.3	2	3.6	1.8	8	3.4	1.6	3	4.3	1.7	24	3.7	1.4	9	1.5	0.9	11	2.4	1.0	13	2.7	1.5	27	2.5	1.4	48	3.5	1.5			
	6	5		9	3	8	6	6	5	5	5	0	2	2	7	5	5	6	4	4	8	8	8	4	8	8	8	4	4			

Table S4.51

Impulsivity by age

.00 Imprinting centre defect/ UPD/UBE3A Mutation															1.00 Chromosome deletion																	
1.00 Never			2.00 Rarely			3.00 Sometimes			4.00 Most of the time			5.00 Always			1.00 Never			2.00 Rarely			3.00 Sometimes			4.00 Most of the time			5.00 Always					
N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD
17	3.3	1.3	3	2.2	0.6	9	3.9	1.3	7	4.8	1.1	3	4.0	1.6	62	2.6	1.3	6	4.3	1.3	10	4.0	1.6	7	2.6	1.6	3	3.9	0.9			
	6	1		9	6	6	5	5	8	9	9	9	6	6	5	9	9	0	0	0	1	7	7	1	5	5	8	7	7			

Table S4.52

Smiling at nothing by age

.00 Imprinting centre defect/ UPD/UBE3A Mutation															1.00 Chromosome deletion																				
1.00 Never			2.00 Rarely			3.00 Sometimes			4.00 Most of the time			5.00 Always			1.00 Never			2.00 Rarely			3.00 Sometimes			4.00 Most of the time			5.00 Always								
N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD			
18	3.4	1.1	9	4.1	1.7	7	3.2	1.0	4	3.3	1.7	3	4.5	2.6	24	2.5	1.5	26	2.7	1.5	28	3.2	1.7	22	3.1	1.4	10	2.8	1.0	8	5	1	1	9	9

Table S4.53

Appropriate smiling by age

.00 Imprinting centre defect/ UPD/UBE3A Mutation															1.00 Chromosome deletion																							
1.00 Never			2.00 Rarely			3.00 Sometimes			4.00 Most of the time			5.00 Always			1.00 Never			2.00 Rarely			3.00 Sometimes			4.00 Most of the time			5.00 Always											
N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD			
2	3.8	1.1	1	2.4		3	3.0	1.6	12	3.7	1.0	23	3.7	1.6	0			6	3.2	1.9	25	3.1	1.4	45	3.0	1.6	34	2.7	1.5	0	5	1	0	4	1	0	1	1

Table S4.54

Spontaneous laughter by age

.00 Imprinting centre defect/ UPD/UBE3A Mutation															1.00 Chromosome deletion																							
1.00 Never			2.00 Rarely			3.00 Sometimes			4.00 Most of the time			5.00 Always			1.00 Never			2.00 Rarely			3.00 Sometimes			4.00 Most of the time			5.00 Always											
N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD			
20	3.46	1.37	6	4.01	1.56	7	3.47	1.17	4	3.27	1.64	4	4.66	2.13	30	2.64	1.44	29	2.52	1.66	36	3.29	1.41	9	3.48	1.82	6	3.19	1.82									

Table S4.55

Night time laughter by age

.00 Imprinting centre defect/ UPD/UBE3A Mutation															1.00 Chromosome deletion																							
1.00 Never			2.00 Rarely			3.00 Sometimes			4.00 Most of the time			5.00 Always			1.00 Never			2.00 Rarely			3.00 Sometimes			4.00 Most of the time			5.00 Always											
N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD						
29	3.6	1.4	8	4.2	1.3	2	2.3	1.1	1	3.4		1	1.8		52	2.6	1.4	26	3.4	1.9	23	2.8	1.1	5	2.5	1.5	5	3.8	1.5	3	6	7	4	5	8	9	8	9

Table S4.56

Appropriate laughter by age

.00 Imprinting centre defect/ UPD/UBE3A Mutation															1.00 Chromosome deletion																										
1.00 Never			2.00 Rarely			3.00 Sometimes			4.00 Most of the time			5.00 Always			1.00 Never			2.00 Rarely			3.00 Sometimes			4.00 Most of the time			5.00 Always														
N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD						
2	3.3	1.7	2	2.1	0.3	3	4.7	2.3	18	3.8	1.3	16	3.4	1.4	3	3.3	1.3	7	3.2	1.8	26	2.9	1.5	41	3.0	1.6	34	2.6	1.4	9	4	6	3	5	6	1	5	6	1	6	6

Table S4.57

Separation anxiety by age

.00 Imprinting centre defect/ UPD/UBE3A Mutation															1.00 Chromosome deletion																																						
1.00 Never			2.00 Rarely			3.00 Sometimes			4.00 Most of the time			5.00 Always			1.00 Never			2.00 Rarely			3.00 Sometimes			4.00 Most of the time			5.00 Always																										
N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD	N	M	SD																		
7	2.6	1.1	11	3.5	1.3	15	3.8	1.4	6	4.3	1.8	2	3.5	1.8	24	2.7	1.8	34	3.0	1.2	27	3.4	1.7	17	2.7	1.4	7	2.1	0.9	8	5	5	11	8	3	15	7	0	6	2	6	9	2	2	3	5	5	2	4	1	0	7	1

Table S4.58

Fear of being left with strangers by age

<i>.00 Imprinting centre defect/ UPD/UBE3A Mutation</i>															<i>1.00 Chromosome deletion</i>																	
1.00 Never			2.00 Rarely			3.00 Sometimes			4.00 Most of the time			5.00 Always			1.00 Never			2.00 Rarely			3.00 Sometimes			4.00 Most of the time			5.00 Always					
<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>			
13	4.0	1.5	12	3.7	1.8	7	2.9	0.7	4	4.0	0.9	2	2.8	0.7	56	3.1	1.6	15	2.6	0.9	13	4.1	1.5	3	2.8	1.7	3	1.7	0.7	0	0	0
	0	5		0	3		4	2		0	6		7	9		4	7		2	9		8	1		7	2		3	8			

Table S4.59

Skin picking by age

<i>.00 Imprinting centre defect/ UPD/UBE3A Mutation</i>															<i>1.00 Chromosome deletion</i>																	
1.00 Never			2.00 Rarely			3.00 Sometimes			4.00 Most of the time			5.00 Always			1.00 Never			2.00 Rarely			3.00 Sometimes			4.00 Most of the time			5.00 Always					
<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>			
30	3.4	1.3	3	4.4	0.9	5	5.0	1.3	1	3.9		1	1.8		96	2.9	1.6	5	2.9	0.8	6	2.8	0.6	1	4.6		0			0		
	5	9		0	3		1	4		8			2			6	3		8	9		3	3		1							

Table S4.60

Head banging by age

<i>.00 Imprinting centre defect/ UPD/UBE3A Mutation</i>															<i>1.00 Chromosome deletion</i>														
1.00 Never			2.00 Rarely			3.00 Sometimes			5.00 Always			1.00 Never			2.00 Rarely			3.00 Sometimes			5.00 Always								
<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>			
26	3.65	1.46	7	3.10	1.16	7	4.43	1.47	1	1.82					77	2.91	1.59	14	3.45	1.60	14	2.87	1.42	3	2.86	1.42			

Table S4.61

Self hitting by age

<i>.00 Imprinting centre defect/ UPD/UBE3A Mutation</i>															<i>1.00 Chromosome deletion</i>														
1.00 Never			2.00 Rarely			3.00 Sometimes			4.00 Most of the time			5.00 Always			1.00 Never			2.00 Rarely			3.00 Sometimes			4.00 Most of the time			5.00 Always		
<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>	<i>N</i>	<i>M</i>	<i>SD</i>
32	3.4	1.4	2	3.8	0.1	5	4.8	1.4	0			1	1.8		10	2.9	1.5	2	2.7	0.9	5	3.1	1.3	1	2.9		0		
	7	3		4	9		0	0					2		1	5	9		8	3		5	5	8		6			