

Supplementary table 1. CNVs of participants' children

| CNV | N |
|---|-----------|
| 11q14.1 deletion | 2 |
| 13q12.2 duplication | 1 |
| 15q11.2 deletion | 22 |
| 15q11.2 duplication | 1 |
| 15q13.2 duplication | 2 |
| 15q13.3 deletion | 11 |
| 15q13.3 duplication | 10 |
| 16p11.2 deletion (and distal deletion) | 37 |
| 16p11.2 duplication | 12 |
| 16p12.2 deletion | 2 |
| 16p13.11 deletion | 4 |
| 16p13.11 duplication | 2 |
| 1q21.1 deletion | 13 |
| 1q21.1 duplication | 17 |
| 22q11.2 deletion | 80 |
| 22q11.2 duplication | 19 |
| 22q12.3 duplication | 1 |
| 22q13.3 deletion | 2 |
| 2p16.3 deletion | 1 |
| 3q29 deletion | 4 |
| 4q28.3 | 1 |
| 7p22.1 deletion | 1 |
| 7q11.23 duplication | 1 |
| 8q12.3 deletion | 1 |
| 9q34.3 deletion | 10 |
| 17q23 duplication | 1 |
| SHANK3 deletion | 1 |

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|---|-----------|
| Xp21.1 | 1 |
| XXXY | 1 |
| NRXN1 | 12 |
| We note here the primary CNV for which the family was recruited. 12% of our sample had additional CNVs. | |