

## Additional file 2: Demographic characteristics of children with ‘other’ rare genetic syndromes

| Syndrome<br>(N)       | Mean Age<br>(Y) | Male/<br>female<br>(N) | Ethnicity |           |           |           |            | Socioeconomic status |            |            |           |
|-----------------------|-----------------|------------------------|-----------|-----------|-----------|-----------|------------|----------------------|------------|------------|-----------|
|                       |                 |                        | Wh<br>(N) | Mi<br>(N) | As<br>(N) | Bl<br>(N) | Oth<br>(N) | <NA<br>(N)           | ~NA<br>(N) | >NA<br>(N) | ND<br>(N) |
| 19p13.13 deletion (1) | 8.18            | 7/8                    | 15        | 0         | 0         | 0         | 0          | 3                    | 3          | 8          | 1         |
| 10q22-10q23 del (1)   |                 |                        |           |           |           |           |            |                      |            |            |           |
| 15q11.2q13.1 &        |                 |                        |           |           |           |           |            |                      |            |            |           |
| 17p13.3 mdup (1)      |                 |                        |           |           |           |           |            |                      |            |            |           |
| 16p11.2 dup (2)       |                 |                        |           |           |           |           |            |                      |            |            |           |
| 1q21.1q21.2 (2)       |                 |                        |           |           |           |           |            |                      |            |            |           |
| 1q42 dup (1)          |                 |                        |           |           |           |           |            |                      |            |            |           |
| 22q11.2 del (1)       |                 |                        |           |           |           |           |            |                      |            |            |           |
| 2p16.3 mdel (1)       |                 |                        |           |           |           |           |            |                      |            |            |           |
| 8p inv dup/del (1)    |                 |                        |           |           |           |           |            |                      |            |            |           |
| RSS (2)               |                 |                        |           |           |           |           |            |                      |            |            |           |
| Shank 2 del (1)       |                 |                        |           |           |           |           |            |                      |            |            |           |
| WS (1)                |                 |                        |           |           |           |           |            |                      |            |            |           |

*Note.* As: Asian or Asian British. Bl: Black, African, Caribbean, or Black British. ID: intellectual disability. del: deletion. dup: duplication. GS: Glass syndrome. inv: inverted. mdel: microdeletion. mdup: microduplication. Mi: Mixed ethnicity or multiple ethnic groups. NA: national average household income. ND: Not disclosed. Oth: Other. RSS: Russell Silver syndrome. SES: socioeconomic status. Wh: White. WS: Weaver syndrome. Y: years.

| Syndrome<br>(N)       | Level of intellectual disability |             |            |            |             |            |
|-----------------------|----------------------------------|-------------|------------|------------|-------------|------------|
|                       | None<br>(N)                      | Mild<br>(N) | Mod<br>(N) | Sev<br>(N) | Prof<br>(N) | Unk<br>(N) |
| 19p13.13 deletion (1) | 5                                | 2           | 3          | 2          | 1           | 2          |
| 10q22-10q23 del (1)   |                                  |             |            |            |             |            |
| 15q11.2q13.1 &        |                                  |             |            |            |             |            |
| 17p13.3 mdup (1)      |                                  |             |            |            |             |            |
| 16p11.2 dup (2)       |                                  |             |            |            |             |            |
| 1q21.1q21.2 (2)       |                                  |             |            |            |             |            |
| 1q42 dup (1)          |                                  |             |            |            |             |            |
| 22q11.2 del (1)       |                                  |             |            |            |             |            |
| 2p16.3 mdel (1)       |                                  |             |            |            |             |            |
| 8p inv dup/del (1)    |                                  |             |            |            |             |            |
| RSS (2)               |                                  |             |            |            |             |            |
| Shank 2 del (1)       |                                  |             |            |            |             |            |
| WS (1)                |                                  |             |            |            |             |            |

*Note.* del: deletion. dup: duplication. GS: Glass syndrome. inv: inverted. mdel: microdeletion. mdup: microduplication. Mild: Mild intellectual disability. Mod: Moderate intellectual disability. Sev: Severe intellectual disability. Prof: Profound intellectual disability. Unk: Unknown level of intellectual disability. RSS: Russell Silver syndrome. WS: Weaver syndrome.