Additional File 1: STXBP1 Participant Information

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| Decipher ID | - | - | - | 282236 | - | - | 261841 | 258815 | - | 272650 | 265950 | 263903 | 261234 | 260459 |
| Variant  | c. 1504\_1507dup p.Ser503Tryfs\*23 |  |  | c.364C>Tp.Arg122\* | p.Cys354Arg | c.100G>Ap.Asp34Asn | c.1631G>T p.Gly544Val | c.704G>A p.Arg235Gln | c.827dupT | c.533C>T p.Thr178Ile | c.568C>T p.Arg190Trp | c.1099C>T p.Arg367\* | c.778G>T p.Glu260\* | c.437delp.Leu147Trpfs\*18 |
| Age (at assessment)  | 1.08 | 1.79 | 1.79 | 5.6 | 6.69 | 10.52 | 12.78 | 13.0 | 14.29 | 14.65 | 15.04 | 15.12 | 16.5 | 17.74 |
| Sex | F | F | F | F | M | M | F | F | F | F | F | M | M | F |
| Gestation(weeks) | 40 | 32 | 32 | 39 | 42 | 39 | 39 | 36 | 40 | 41 | 40 | 41 | 33 | 38 |
| Birth Weight (kgs)  | 3.09 | 2.04\* | 1.96\* | 2.92 | 3.49 | 2.78 | 3.37 | 3.54 | 3.63 | 3.22 | 2.81 | 3.86 | 1.91\*\* | 4.03 |
| ID | Mild | Mild | Mild | Moderate | Severe | Mild | Severe | Moderate | Severe | Moderate | Severe | Severe | Severe | Severe |
| Floppy | Yes | Yes | Yes | Yes | No | No | Yes | Yes | Yes | Yes | No | No | No | Yes |
| Feeding Issues  | Difficulty moving solids | Reflux | Reflux | Reflux | Reflux | No | Reflux | Choking and reflux | Reflux | No | Reflux | No | Choking | Choking |
| Sleep Issues | No | No | No | Yes | No | Yes | No | Yes | No | Yes | No | No | No | Yes |
| Sensory Issues | Sight and hearing | Sight | Sight | Sound sensitivity | Ear infections | Touch | Sight, Sound sensitivity | Sight, Sound sensitivity | None reported | Hyperac-usis, Touch | Sight and hearing  | Sight | Touch |  |

\*Twins

\*\* Participant has a typically developing twin