**Supplementary Table 2: Genetic variants on chromosome 11p15**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Affected domain(s)****T: telomeric****C: centromeric** |  | **Affected genes** | **Origin of the pathogenic allele for SRS** | **Reference** |
| T+C | der(4)t(4;11) | *H19*; *IGF2*; *KCNQ1*; *KCNQ1OT1*; *CDKN1C* | Maternal | 1 |
| T+C | dup11p15.5p15.4 | *H19*; *IGF2*; *KCNQ1*; *KCNQ1OT1*; *CDKN1C* | Maternal | 2-4 |
| T+C | der(10)t(10;11) | *H19*; *IGF2*; *KCNQ1*; *KCNQ1OT1*; *CDKN1C* | Maternal | 5 |
| T+C | der(11)t(11;14) | *H19*; *IGF2*; *KCNQ1*; *KCNQ1OT1*; *CDKN1C* | Maternal | 6 |
| T+C | der(11)t(11;15) | *H19*; *IGF2*; *KCNQ1*; *KCNQ1OT1*; *CDKN1C* | Maternal | 7 |
| T+C | der(16)t(11;16) | *H19*; *IGF2*; *KCNQ1*; *KCNQ1OT1*; *CDKN1C* | Maternal | 8 |
| T+C | der(17)t(11;17) | *H19*; *IGF2*; *KCNQ1*; *KCNQ1OT1*; *CDKN1C* | Maternal | 8 |
| Partial T | dup11p15.5 | *H19* | Maternal | 9 (M11221) |
| Partial T | dup11p15.5 | *H19* | Maternal | 10 (S72P) |
| Partial T | del11p15.5 | *H19/IGF2* enhancers; *H19* | Paternal | 11 |
| Partial T | inv(11)(p15.5q21)including del11p15.5 | *H19/IGF2* enhancers | Paternal | 11 |
| Partial T | Del11p15.5 | *H19/IGF2* enhancers | Paternal | 9 (M6443) |
| C | dup11p15.5p15.4 | *KCNQ1*; *KCNQ1OT1*; *CDKN1C* | Maternal | 12, 13 |
| Partial C | dup11p15.5p15.4 | Partial *KCNQ1*; Partial *KCNQ1OT1*; *CDKN1C* | Maternal | 14 |
| Partial C | del11p15.5 | Partial *KCNQ1OT1* | Paternal | 15 |

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