**Table S1: Indel variant filtering process.**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Chr** | **Family** | **Individual** | **Indels** | **After control** | **Shared by family** |
| **3** | 27 | 07S722 | 1 | 0 | 0 |
| 07S723 | 2 | 0 |
| 07S724 | 2 | 1 |
| 07S725 | 1 | 1 |
| 60 | 06-240 | 0 | 0 | 0 |
| 96-652 | 1 | 0 |
| 531 | I-1408 | 1 | 0 | 0 |
| I-904 | 0 | 0 |
| 713 | 07S635 | 1 | 0 | 0 |
| 07S636 | 1 | 0 |
| **6** | 11 | 96\_265 | 0 | 0 | 0 |
| 04\_168 | 2 | 2 |
| 40 | 07S581 | 2 | 1 | 0 |
| 07S576 | 2 | 2 |
| 929 | I\_3345 | 1 | 1 | 0 |
| I\_1627 | 1 | 0 |
| 990 | I\_1927 | 2 | 1 | 0 |
| I\_1928 | 2 | 1 |
| 1125 | I\_4347 | 0 | 0 | 0 |
| I\_2033 | 1 | 0 |
|  |  |  |  |  |  |
|  |  | **Average** | 1,15 | 0,50 | 0,00 |