**Supplementary Table 1.**

|  |  |
| --- | --- |
| Individual (generation) | Depth of coverage |
| CJ4 (P) | 41.9 |
| CJ0 (P) | 43.2 |
| BL1 (P) | 42.1 |
| BY8 (P) | 42.3 |
| CL2 (F1) | 43.0 |
| CA2 (F1) | 39.9 |
| CS4 (F2) | 43.4 |
| CS5 (F2) | 36.9 |
| CS6 (F2) | 43.1 |
| CS7 (F2) | 45.3 |
| CS9 (F2) | 45.4 |