

Supplementary Table S1. Quality values of the assembled contigs and scaffolds.

|              | Scaffold    |        | Contig      |        |
|--------------|-------------|--------|-------------|--------|
|              | length(bp)  | number | length(bp)  | number |
| max_len      | 28,730,113  |        | 18,983,478  |        |
| N10          | 25,052,377  | 2      | 16,167,844  | 3      |
| N20          | 24,019,096  | 4      | 11,919,670  | 6      |
| N30          | 22,563,234  | 6      | 9,058,520   | 10     |
| N40          | 19,549,622  | 8      | 6,849,484   | 15     |
| N50          | 19,059,077  | 10     | 6,163,702   | 22     |
| N60          | 18,983,478  | 12     | 5,348,952   | 29     |
| N70          | 18,218,404  | 14     | 4,275,064   | 38     |
| N80          | 17,344,413  | 17     | 2,979,120   | 50     |
| N90          | 16,832,960  | 19     | 1,422,672   | 70     |
| Total_length | 424,050,545 | 272    | 424,012,045 | 349    |