

Supplemental Table S3: Genome estimation statistics of four *Macadamia* species through K-mer analysis (using Jellyfish tool) and flow cytometry.

| Methods to estimate genome size | Parameters | <i>M. jansenii</i> | <i>M. ternifolia</i> | <i>M. integrifolia</i> | <i>M. tetraphylla</i> |
|---------------------------------|--------------------------|--------------------|----------------------|------------------------|-----------------------|
| K-mer analysis | Length | 643 Mb | 662 Mb | 676 Mb | 653 Mb |
| | Heterozygous | 0.66% | 0.99% | 1.55% | 1.33% |
| | Unique | 69.10% | 63.70% | 63.20% | 63.50% |
| | Kcov | 16.3 | 7.74 | 9.33 | 6.76 |
| | err | 0.35% | 0.14% | 2.27% | 0.15% |
| | Dup | 0.65% | 0.26% | 0.65% | 0.49% |
| Flow cytometry | Length | 769 Mb | 775 Mb | 747 Mb | 796 Mb |
| | Coefficient of variation | 1.19% | 0.49% | 0.80% | 0.62% |