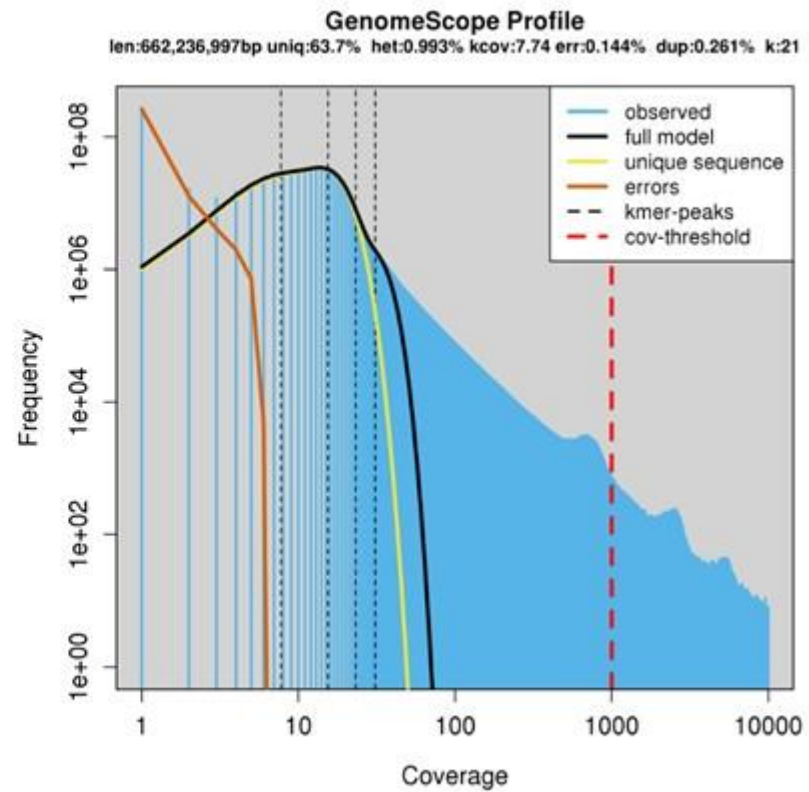
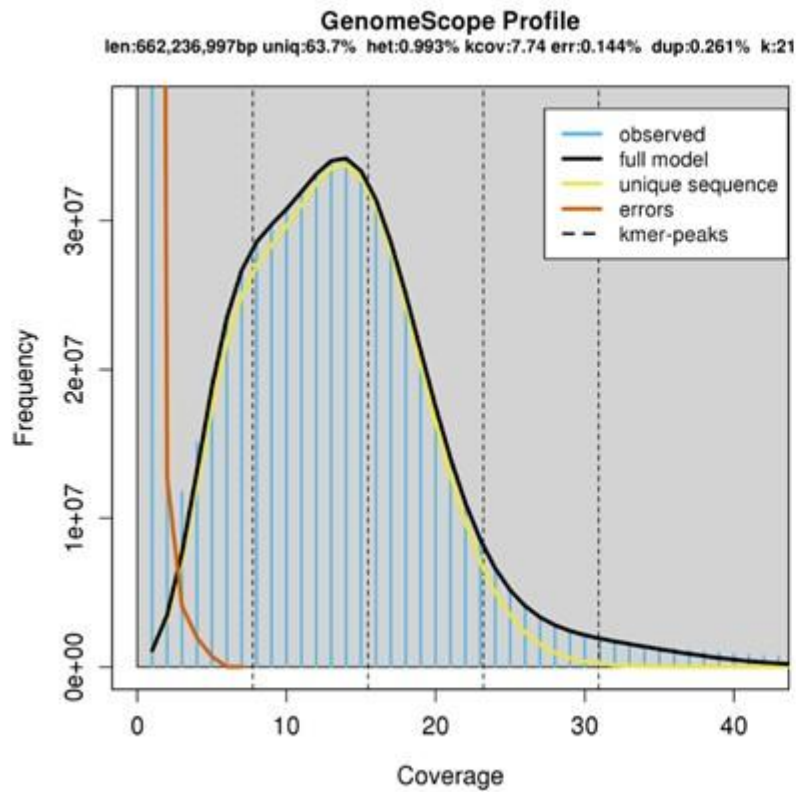
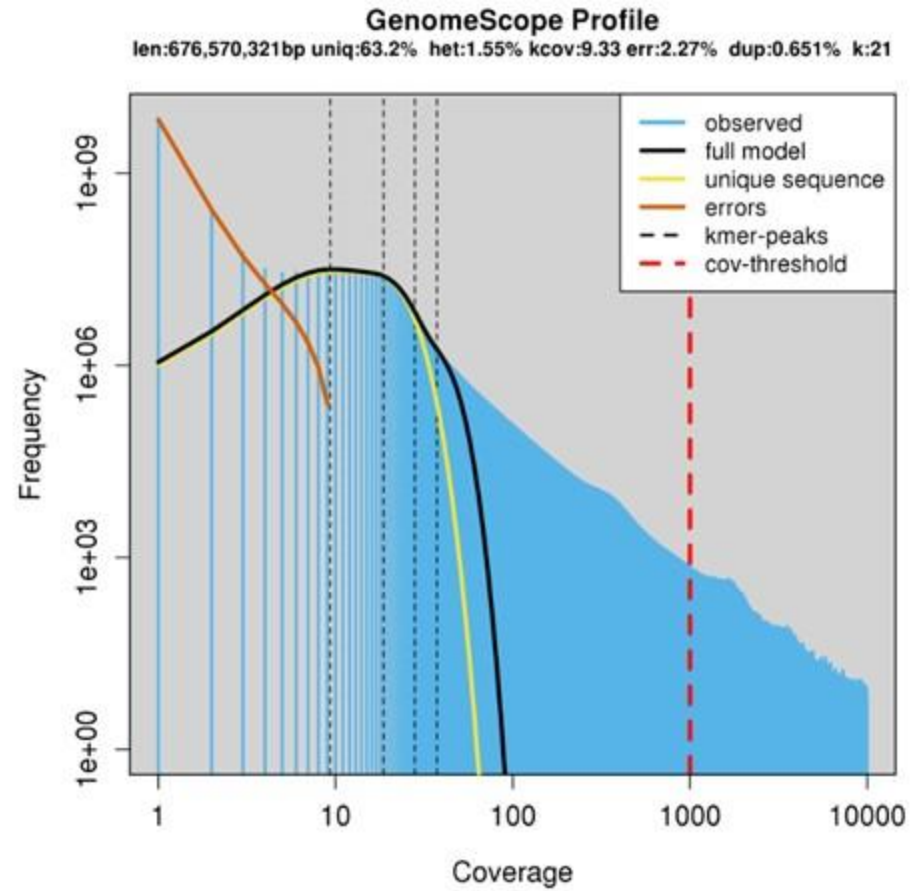
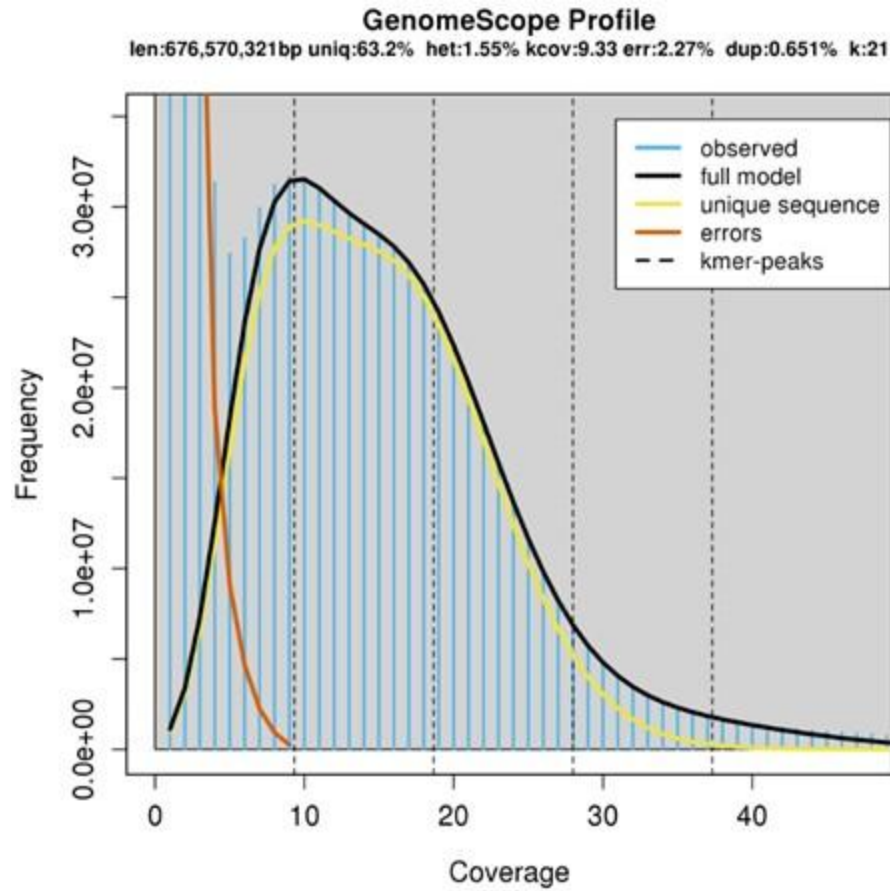


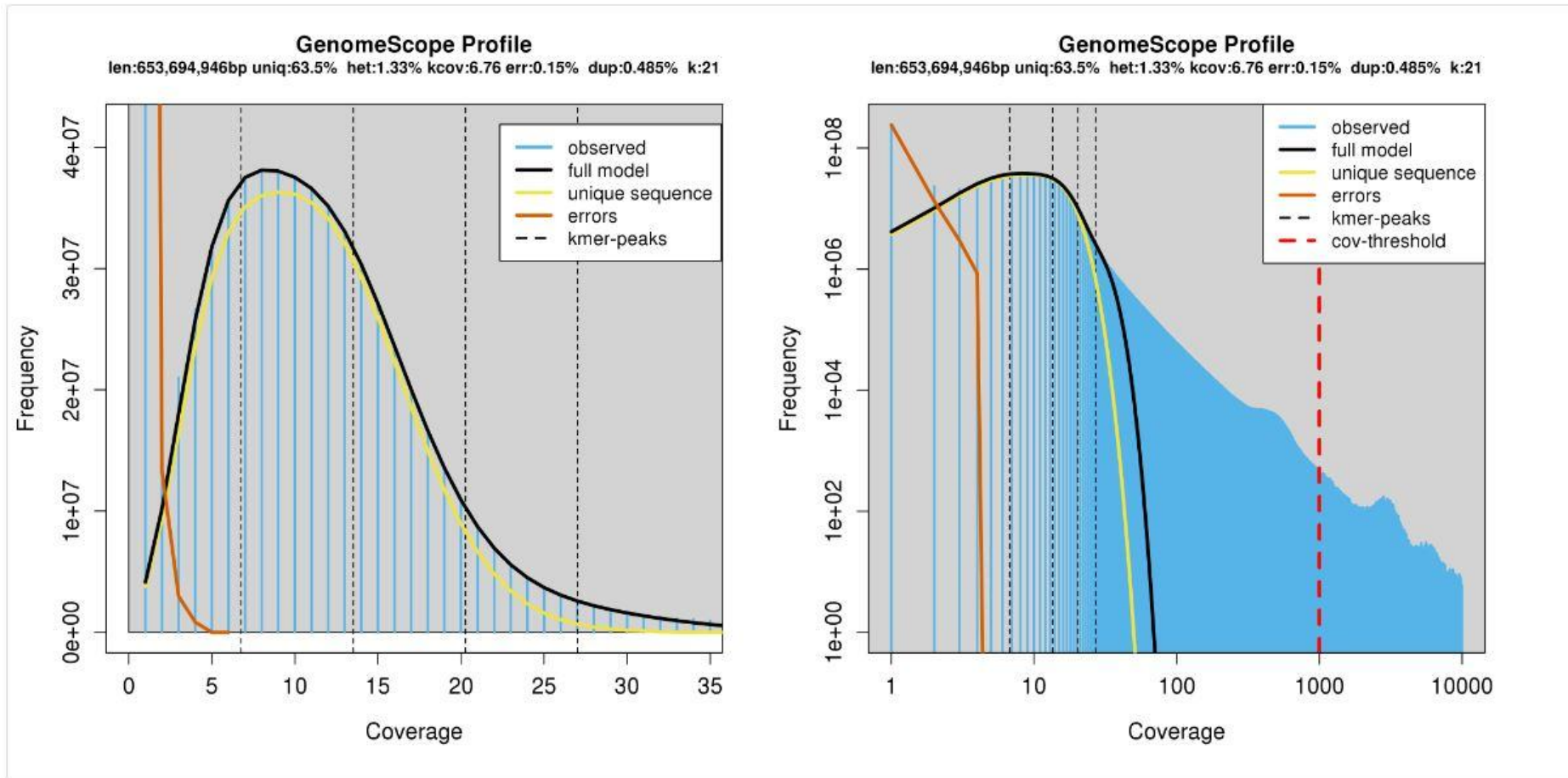
**Supplemental** Figure S1 (a) : K-mer profile ( $k = 21$ ) spectrum analysis to estimate genome size of *M. jansinii* generated from short read sequence data using Jellyfish and GenomeScope.



**Supplemental** Figure S1 (b): K-mer profile ( $k = 21$ ) spectrum analysis to estimate genome size of *M. ternifolia* generated from short read sequence data using Jellyfish and GenomeScope.



**Supplemental** Figure S 1 (c): K-mer profile ( $k = 21$ ) spectrum analysis to estimate genome size of *M. integrifolia* generated from short read sequence data using Jellyfish and GenomeScope.



**Supplemental** Figure S1 (d): K-mer profile ( $k = 21$ ) spectrum analysis to estimate genome size of *M. tetraphylla* generated from short read sequence data using Jellyfish and GenomeScope.