

Supplementary Table S2. Summary of *D. opposita* genome assembly and annotation.

	Contigs	Scaffolds
Assembly Feature		
Total length	424.01Mb	424.05Mb
L50	22	10
N50	6.16Mb	19.06Mb
Number	349	272
Mapping rate of BGI data		97.02%
Coverage($\geq 10X$) of BGI data		99.51%
GC content		38.50%
Protein-Coding Genes		
Number of protein-coding genes		24,405
Average gene length		4501bp
Number of transcripts		30,527