

Complete Chloroplast Genome Sequence of *Dumortiera hirsuta*

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Dumortiera hirsuta (Sw.) Nees (Dumortieraceae) is a thallose liverwort distributed in tropics and subtropics. It is the only species in family Dumortieraceae, which is the second basal family in order Marchantiales. *D. hirsuta* is characterized by hairy receptacles and lacking air chamber. The complete chloroplast genome of *D. hirsuta* was successfully rescued from raw reads generated by HiSeq4000. Its total length is 122,050 bp consisting of four regions: large single copy (LSC) region (81,697 bp), small single copy (SSC) region (20,061 bp), and two inverted repeats (IRs; 10,146 bp per each). It contained 129 genes (84 coding DNA sequence (CDS), eight rRNAs, and 37 tRNAs); 18 genes including four rRNAs, and five tRNAs are duplicated in the IR regions. The overall GC content of *D. hirsuta* is 28.7%, which is almost same to that of *Marchantia paleacea*. Phylogenetic tree based on all genes from whole chloroplast genomes will provides phylogenetic position of *D. hirsuta*. This sequence will be an fundamental resources for further researches of order Marchantiales.

Key words: *Dumortiera hirsuta*, Chloroplast genome

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