Table S1. GenBank accession numbers for sequences used in this paper.

|  |  |  |
| --- | --- | --- |
| Specie | Genebank # |  |
|  | *matK* | *rbcL* |
| *D. cedrosanum* | MZ355826 | MZ516899 |
| *D. berlandieri* | MZ507557 | MZ516900 |
| *D. leiophyllum* | MZ507558 | MZ516901 |
| *D. occidentalis* | MZ507559 | MZ516902 |
| *D. palaciosii* | MZ507560 | MZ516903 |
| *D. texanum* | MZ507561 | MZ516904 |
| *D. quadrangulatum* | MZ507562 | MZ516905 |
| *D. micropterum* | KU535883.1\* | KU535885\* |
| *D.* *miquihuanense* | KU535884.1\* | KU535886\* |
| *D. serratifolium* | HM640587.1\* | AB029847\* |
| *D. wheeleri* | HM640588.1\* | HM640474\* |
| *Y. filamentosa* | JQ412302.1\* | KC704734.1\* |
| *Y. schidigera* | DQ069588.1\* | DQ069504.1\* |
| *Y. necopina* | OL690205\* | OL537169\* |
| *Y. australis* | AB088789.1\* | AB088820.1\* |
| *A. americana* | Kp149514.1\* | KC704732.1\* |
| *A. sisalana* | GU135070.1\* | GU135234.1\* |
| *A. ghiesbreghtii* | HM640592.1\* | HM640478.1\* |
| *A. havardiana* | MN129116\* | MN145883.1\* |
| *Acorus gramineus* | DQ008864.1\* | KP099646.1\* |

D= *Dasylirion*; Y= *Yucca*; A= *Agave*; \*DNA sequences were obtained from published data in <http://www.ncbi.nlm.nih.gov>