Table 2: Variation of each locus at the level of the section and each of the tree clades. Number of taxa and proportion of taxa with the locus amplified, total number of characters, number of unambiguously aligned characters, total number of variable characters, and numbers of variable characters kept at the section and the Dolichorhizoid clade levels

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Section *Polydactylon* | | | | | | Polydactyloid clade | | |
|  | No. taxa | % taxa | No. characters total | No. char. kept | No. var total | No. var. kept | No. taxa | % taxa | No. char. kept |
| ß-tubulin | 139 | 0.85 | 760 | 578 | 230 | 153 | 24 | 0.69 | 605 |
| *EFT2*.1 | 120 | 0.73 | 820 | 800 | 149 | 141 | 19 | 0.54 | 818 |
| *RPB1* | 153 | 0.93 | 761 | 678 | 114 | 95 | 32 | 0.91 | 678 |
| LSU | 154 | 0.94 | 1426 | 1255 | 210 | 89 | 33 | 0.94 | 1307 |
| ITS | 164 | 1.00 | 750 | 521 | 318 | 258 | 35 | 1.00 | 640 |
| IGS1 | 76 | 0.46 | 1065 | 848 | 452 | 260 | 8 | 0.23 | 788 |
| IGS3 | 116 | 0.71 | 850 | 815 | 351 | 316 | 18 | 0.51 | 714 |
| IGS16 | 111 | 0.68 | 1130 | 1058 | 426 | 352 | 17 | 0.49 | 885 |
| Concat. | 164 |  |  | 6553 |  | 1575 | 35 |  | 6435 |
|  | Dolichorhizoid clade | | | | | | Scabrosoid clade | | |
|  | No. taxa | % taxa |  | No. char. kept | | No. variable char | No. taxa | % taxa | No. char. kept |
| ß-tubulin | 91 | 0.97 |  | 575 |  | 96 | 24 | 0.69 | 575 |
| *EFT2*.1 | 73 | 0.78 |  | 817 |  | 60 | 28 | 0.80 | 817 |
| *RPB1* | 89 | 0.95 |  | 678 |  | 44 | 32 | 0.91 | 678 |
| LSU | 88 | 0.94 |  | 1309 |  | 43 | 33 | 0.94 | 1313 |
| ITS | 94 | 1.00 |  | 620 |  | 111 | 35 | 1.00 | 653 |
| IGS1 | 68 | 0.72 |  | 793 |  | 175 | 0 | 0 | 0 |
| IGS3 | 75 | 0.80 |  | 771 |  | 152 | 23 | 0.66 | 800 |
| IGS16 | 73 | 0.78 |  | 946 |  | 184 | 21 | 0.60 | 995 |
| Concat. | 94 |  |  | 6509 |  | 865 | 35 |  | 5831 |