

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

	Dolichorhizoid clade				Scabrosoid clade			
	No. taxa	% taxa	No. characters kept	No. variable char	No. taxa	% taxa	No. characters kept	
β -tubulin	91	0.97	575	96	24	0.69	575	
<i>EFT2.1</i>	73	0.78	817	60	28	0.80	817	
<i>RPB1</i>	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	0.6	995	
Concatenated	94		6509	865	35		5831	

	Section Polydactylon						Polydactyloid clade		
	No. taxa	% taxa	characters tot.	No. characters kept	variable tot.	No. variable kept	No. taxa	% taxa	No. characters kept
β -tubulin	139	0.85	760	578	230	153	24	0.69	605
<i>EFT2.1</i>	120	0.73	820	800	149	141	19	0.54	818
<i>RPB1</i>	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	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
Concatenated	164			6553		1575	35		6435