

ONLINE APPENDIX S1. Number of nucleotide accessions (Acc.) of plants (Embryophyta) currently stored in GenBank (NCBI GenBank search 13/12/2012). The list includes most important plant barcode genes and nuclear regions used for species- and higher level phylogenies and is sorted after the number of sampled species. N: nuclear-encoded genes/gene regions; P: plastid/chloroplast DNA; M: mitochondrial DNA.

	Search string: txid3193[Organism:exp] AND	Catches	Acc.	Species
N	("internal transcribed" [title] OR ITS1 [title] OR ITS2 [title]) ^a	All ITS fragments	166,047	70,389
N	5.8S [title] ^a	ITS sequences including 5.8S rDNA	141,753	64,907
P	(trnL-trnF [title] OR trnL-F [title] OR trnF-trnL [title])	<i>trnL-trnF</i> spacer sequences	78,319	45,570
P	(matK [gene] OR trnK [title])	<i>matK</i> gene and/or <i>trnK</i> intron sequences	71,416	36,835
P	rbcL [gene] NOT (atpB-rbcL [title] OR rbcL-atpB [title])	<i>rbcL</i> gene sequences	58,728	30,291
P	ndhF [gene]	<i>ndhF</i> gene sequences	19,253	13,990
N	18S [title] NOT "internal transcribed" [title]	18S rDNA (18S rRNA gene)	15,197	8,564
P	(trnL [gene] AND intron [title])	<i>trnL</i> (UAA) intron sequences	13,738	8,841
N	(25S [title] OR 26S [title] OR 28S [title]) NOT "internal transcribed" [title]	25S rDNA (25S rRNA gene)	10,728	5,931
P	atpB [gene] NOT (atpB-rbcL [title] OR rbcL-atpB [title])	<i>atpB</i> gene sequences	7,149	5,475
M	Nad5 [gene]	<i>nad5</i> gene sequences	2,990	2,272
N	5S [title] ^{a,b}	Nuclear 5S rDNA and/or 5S intergenic spacer	7,287	1,413
M	matR [gene]	<i>matR</i> gene	1,593	1,361
N	GBSSI [gene]	GBSSI gene (intron) sequences	3,258	1,343
N	PHYC [gene]	Phytochrome C gene sequences	1,925	1,235
N	LEAFY [gene]	LEAFY gene (intron) sequences	1,161	587
N	NIA [gene]	NIA gene (intron) sequences	1,183	439
N	GAPDH [gene]	GAPDH gene	855	168
N	TPI [gene]	TPI gene (intron) sequences	289	57

^a Not including mRNA, rRNA, and cRNA sequences.

^b Search limited to genomic DNA/RNA molecules.