

Additional file 1 – List of Poaceae species with available plastid sequences used in phylogenetic analyses in this study, their respective tribes, and NCBI accession codes.

Species	Tribe	NCBI accession code
<i>Puelia olyrififormis</i>	Puelioideae	NC_023449
<i>Rhynchoryza subulata</i>	Ehrhartoideae	NC_016718
<i>Leersia tisserantii</i>	Ehrhartoideae	NC_016677
<i>Oryza sativa</i>	Ehrhartoideae	NC_001320
<i>Phyllostachys edulis</i>	Bambusoideae	NC_015817
<i>Bambusa emelensis</i>	Bambusoideae	NC_015830
<i>Olyra latifolia</i>	Bambusoideae	NC_024165
<i>Brachypodium distachyon</i>	Pooideae	NC_011032
<i>Hordeum vulgare</i>	Pooideae	NC_008590
<i>Triticum aestivum</i>	Pooideae	NC_002762
<i>Agrostis stolonifera</i>	Pooideae	NC_008591
<i>Festuca arundinacea</i>	Pooideae	NC_011713
<i>Lolium perenne</i>	Pooideae	NC_009950
<i>Aristida purpurea</i>	Aristidoideae	NC_025228
<i>Danthonia californica</i>	Danthonioideae	NC_025232
<i>Neyraudia reynaudiana</i>	Chloridoideae	NC_024262
<i>Eriachne stipacea</i>	Micraidoideae	NC_025234
<i>Phragmites australis</i>	Arundinoideae	NC_022958
<i>Centotheca lappacea</i>	Panicoideae	NC_025229
<i>Sorghum bicolor</i>	Panicoideae	NC_008602
<i>Zea mays</i>	Panicoideae	NC_001666
<i>Digitaria exilis</i>	Panicoideae	NC_024176
<i>Echinochloa oryzicola</i>	Panicoideae	NC_024643
<i>Panicum virgatum</i>	Panicoideae	NC_015990
<i>Cenchrus americanus</i>	Panicoideae	NC_024171
<i>Setaria italica</i>	Panicoideae	NC_022850
<i>Urochloa humidicola</i>	Panicoideae	NC_030069
<i>Urochloa ruziziensis</i>	Panicoideae	NC_030068
<i>Urochloa decumbens</i>	Panicoideae	NC_030066
<i>Urochloa brizantha</i>	Panicoideae	NC_030067