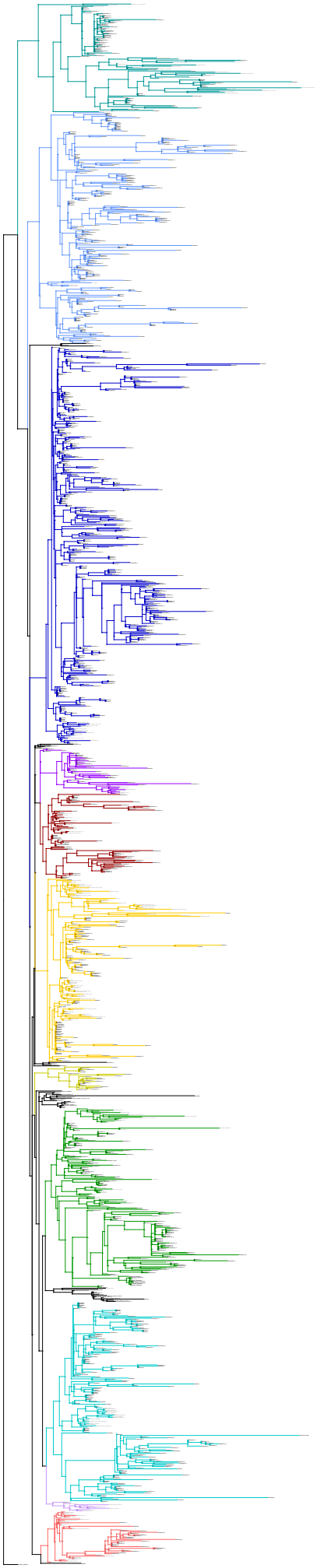

Fig. S1a. Mindy Phylogeny of Tiger DNA Barcodes

Tree of 1,000 randomly selected Tiger DNA Barcodes. Tip labels are in the form "Country code, Tiger ID, Year, Sex, Locus, Lab, Accession number, Haplotype, Sequence length, Sex, Transversion, Transition, Total substitutions, Indels, Ambiguities, Gaps, Primer, Trace, Trace Source, Sequence Source, Sequence Quality, Sequence Length, Trace Quality, Length, Trace Length, Trace Name, Trace Date, Trace Comments, Sequence Comments, Sequence Date, Sequence Name, Trace Id, Sequence Id, Trace Sample Id, Sequence Sample Id, Trace Run Id, Sequence Run Id, Trace Plate Id, Sequence Plate Id, Trace Well Id, Sequence Well Id, Trace Direction, Sequence Direction, Trace Primer Id, Sequence Primer Id, Trace Dye Id, Sequence Dye Id, Trace Processed, Sequence Processed, Trace Status, Sequence Status, Trace Task, Sequence Task, Trace Error Probs, Sequence Error Probs, Trace Clip Q1, Sequence Clip Q1, Trace Clip Q2, Sequence Clip Q2, Trace Clip Q3, Sequence Clip Q3, Trace Alignment, Sequence Alignment

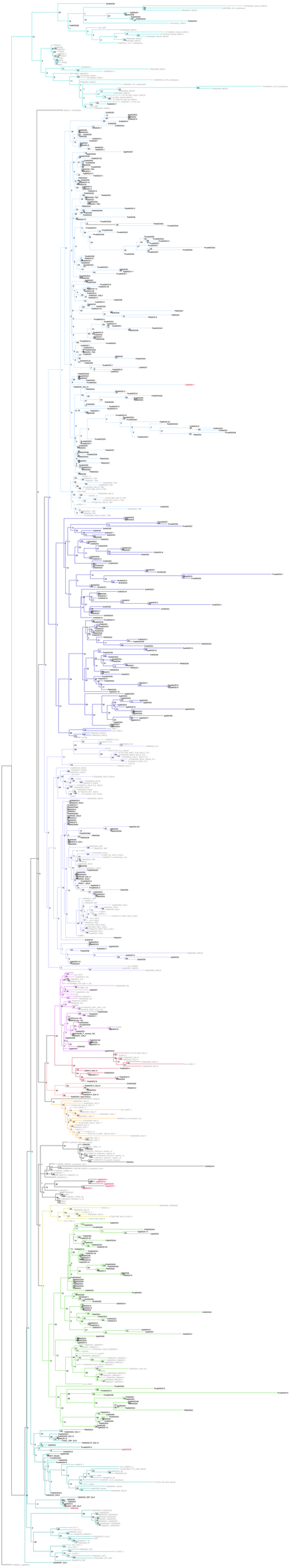

Fig. S7b: RAAML Phylogeny of Type II MADS-box genes in plants only including gymnosperm genes for which expression evidence was found.

The major clades are colored differently. The clades are shown in the following order from top to bottom: MIKC*, TM3, TM6, AGL24/AGL6/FLC/SQA, AG, AGL12, CgMADS4, AGL17, AGL15, StMADS11, DEF/GLO/OsMADS32/GGM13. Red gene names denote genes that were classified differently in this phylogeny as compared to the phylogeny containing all gymnosperm MADS-box genes (Supplementary Data Fig. S3a). Gene names of genes from species not belonging to gymnosperms are colored in grey. Gene names of genes from gymnosperms are as shown in Table 1 and Supplementary Data Fig. S3a. Species abbreviations: Ath: Arabidopsis thaliana, Ppa: Physcomitrella patens, Sma: Selaginella moellendorffii, Vv: Vitis vinifera. Gene names containing CgMADS1, Chara globularis, CRM or CerMADS: Ceratopteris richardii; LAMB, Lycopodium annotinum; MpMADS1, Marchantia polymorpha; PPTM or PdMADS or PPM, Physcomitrella patens; SiMADS1, Selaginella remotifolia. For genes from ferns the corresponding species are given after the gene name. The numbers at the nodes represent bootstrap values.