

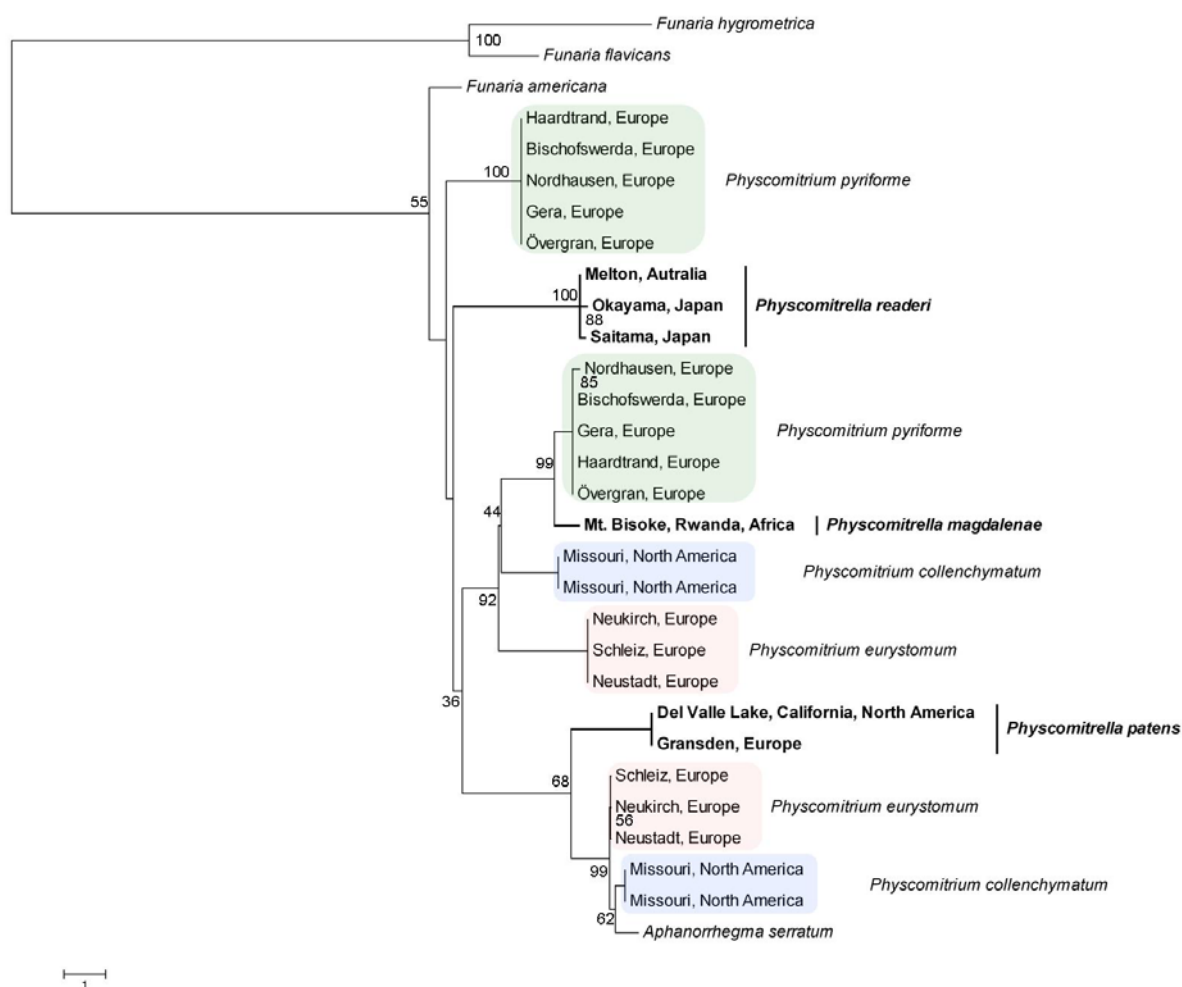


Figure S3 - Phylogenetic tree using *BRK1*

Neighbor-joining tree of using *BRK1* (Pp1s35_157V6.1) from selected Funariaceae. The three distinct clades of *Physcomitrella* are highlighted in bold. The distinct loci of *BRK1* for each *Physcomitrium* species are highlighted in boxes. Green boxes: distinct loci of *P. pyriforme* accessions from Europe. Blue boxes: distinct loci of one *P. collenchymatum* accession from North America from two different capsules. Red boxes: distinct loci of *BRK1* from three accessions of *P. eurystomum* from Europe. The numbers at the nodes are derived from 1,000 bootstrap samples.