



**Figure S2.** Strict consensus tree of 50,000 most parsimonious trees (L = 374 steps, CI = 0.84, RI = 0.96) from an analysis of TOPO6 sequences derived from diploid *Hordeum* taxa and eight outgroup species. Numbers along branches depict bootstrap values (%) of major clades of the tree derived from a 'fast-and-stepwise' analysis of 50,000 bootstrap re-samples. *Psathyrostachys juncea* was defined as outgroup taxon in the analysis.