



Supplementary Figure 7. Phylogenetic analysis of the OMT gene family showing its division into three subfamilies: 6OMT, 7OMT and 4'OMT. Bootstrap values are color-coded on the branches of the phylogeny. seven distinct colors represent the major families within Ranunculales: Ranunculaceae, Berberidaceae, Papaveraceae, Menispermaceae, Lardizabalaceae and Eupteleaceae. The outermost ring represents the distribution of the 10 Motifs.