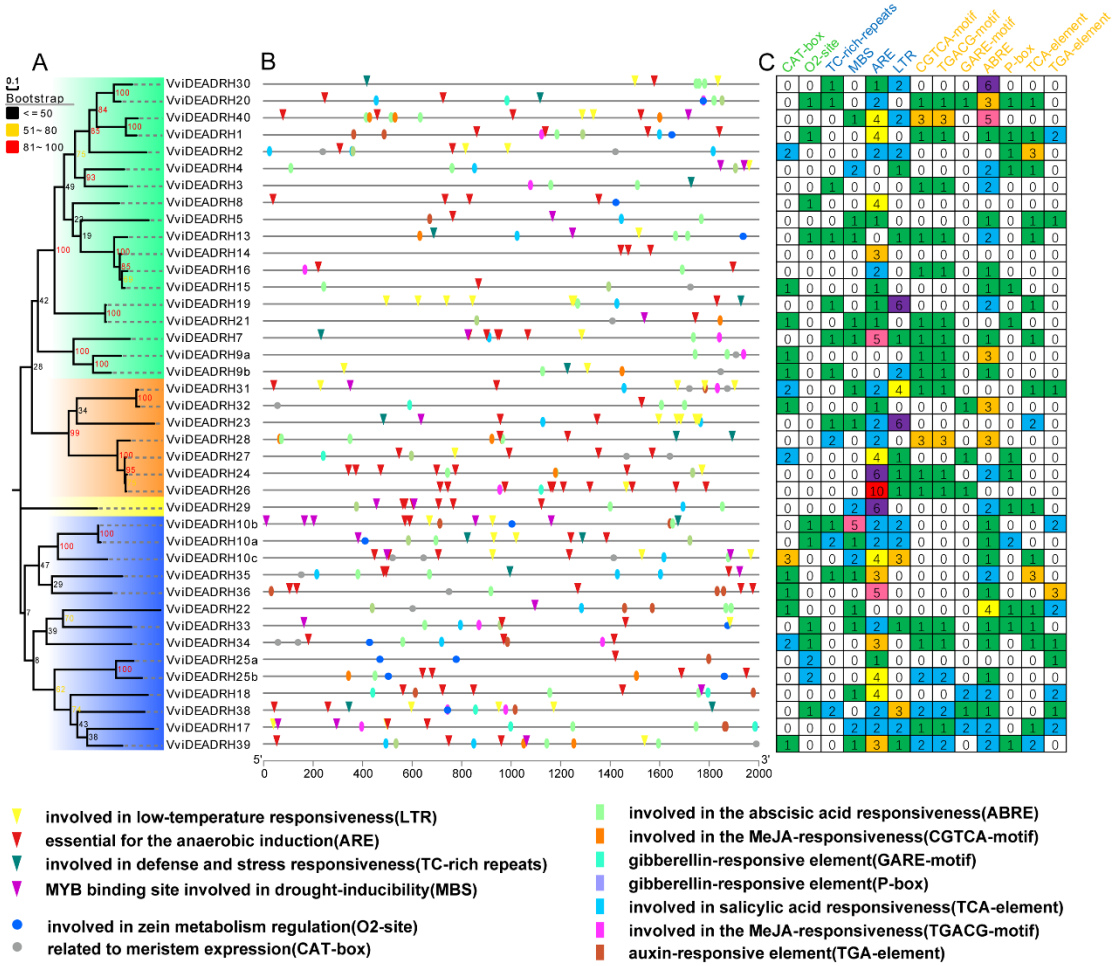

Appendix H. Analysis of cis-acting elements in the *VviDEADRHs*.

(A) Phylogenetic tree of *VviDEADRHs* constructed using the ML (Maximum Likelihood) method. Different background colors represent different grouping branches. (B) Positional distribution of different types of cis-acting elements in the promoter region of *VviDEADRHs*. Circles, triangles, and rectangles represent cis-acting elements of growth and development, adversity stress, and hormone regulation, respectively. Different types of cis-acting elements are uniquely colored. (C) The number of three types of cis-acting elements in the promoter of *VviDEADRHs*: growth and development, environmental stress, and hormone regulation, respectively marked in green, blue, and orange. Different numbers in the squares represent the number of homeopathic elements (color-coded filling).