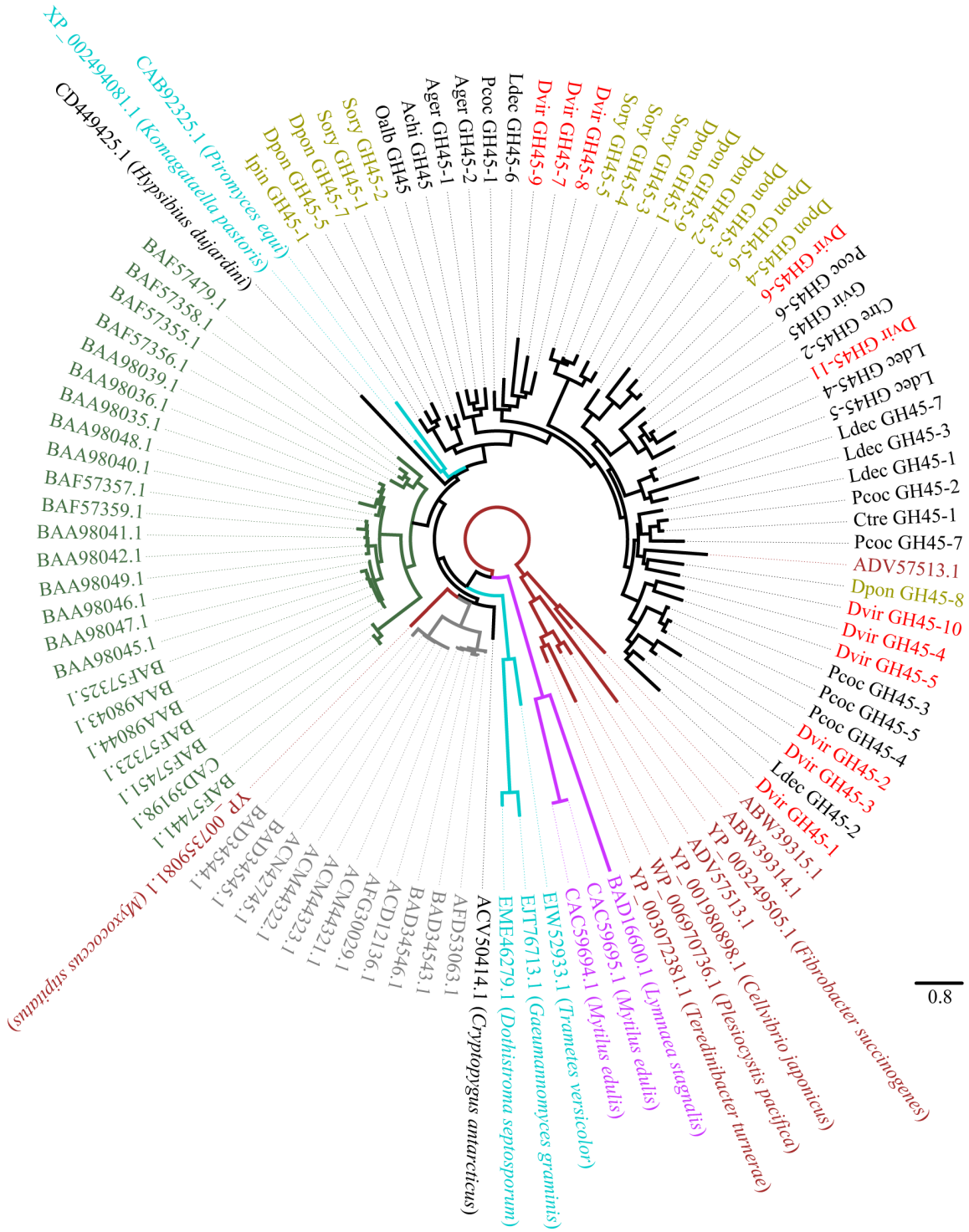

Figure S2. The maximum-likelihood phylogeny of GH45 family proteins. Labels for the coleopteran species belonging to the superfamily Curculionoidea are olive-colored and all other coleopteran sequences colored in black belong to the superfamily Chrysomeloidea. *D. v. virgifera* sequences are shown in red. Their species name abbreviations are found in Table S5. Other sequences are colored as follows: mollusks (purple), *Cryptopygus antarcticus* (Collembola, black), *Hypsibius dujardini* (Tardigrada, black), protists (dark green), plant-parasitic nematodes (grey), fungi (cyan), and bacteria (brown). The scale bar represents the number of amino acid substitutions per site.