# Expressional diversity of grapevine 3-Hydroxy-3-methylglutaryl-CoA reductase (*VvHMGR*) in different grapes genotypes

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Fig. S1: The amino acid sequence of HMGRs motifs in MEME analysis.

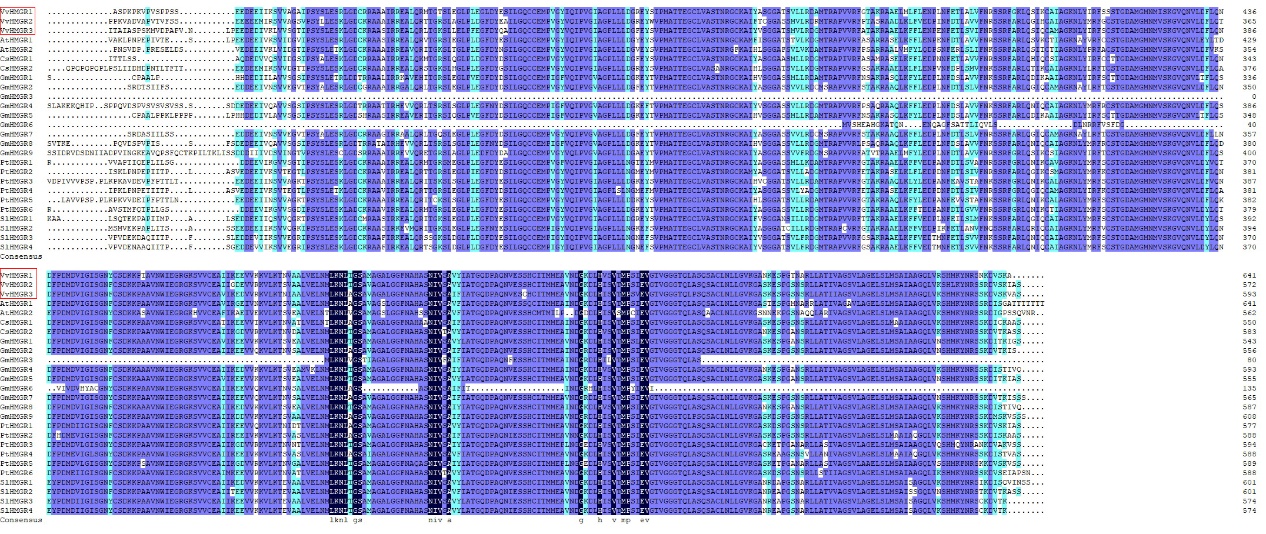


Fig. S2: The multiple alignments of deduced amino acid sequences of HMGRs.

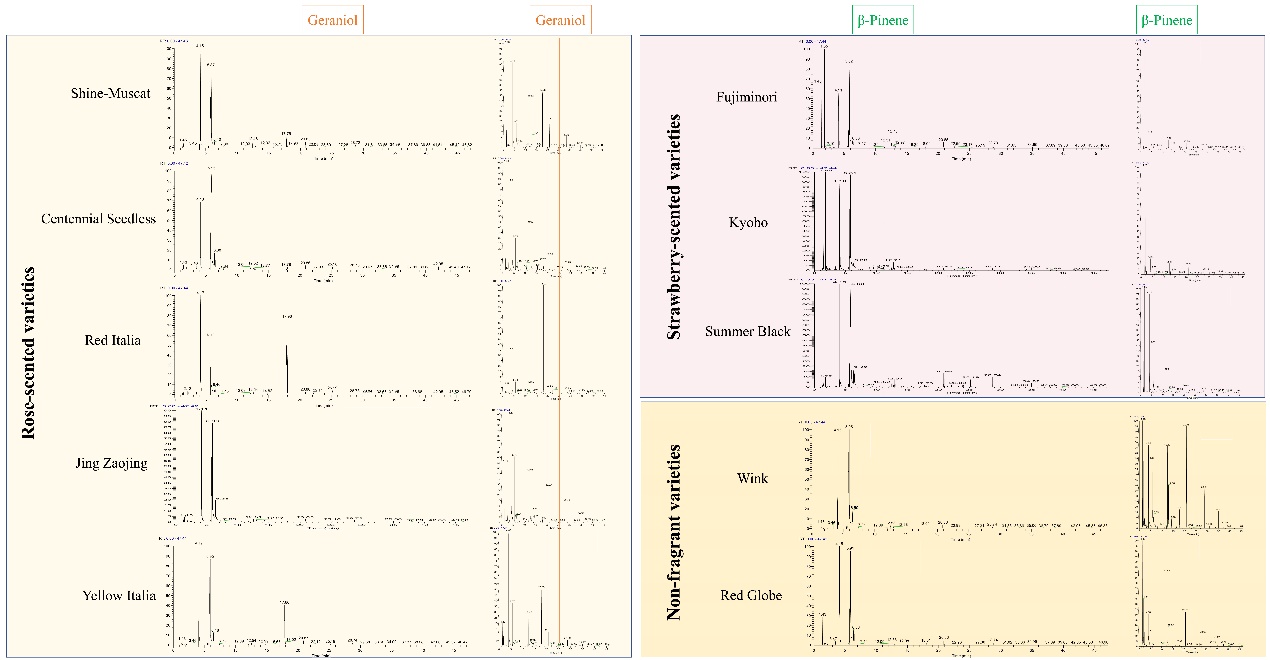


Fig. S3 Aroma components of 10 varieties in berry skin and berry flesh.

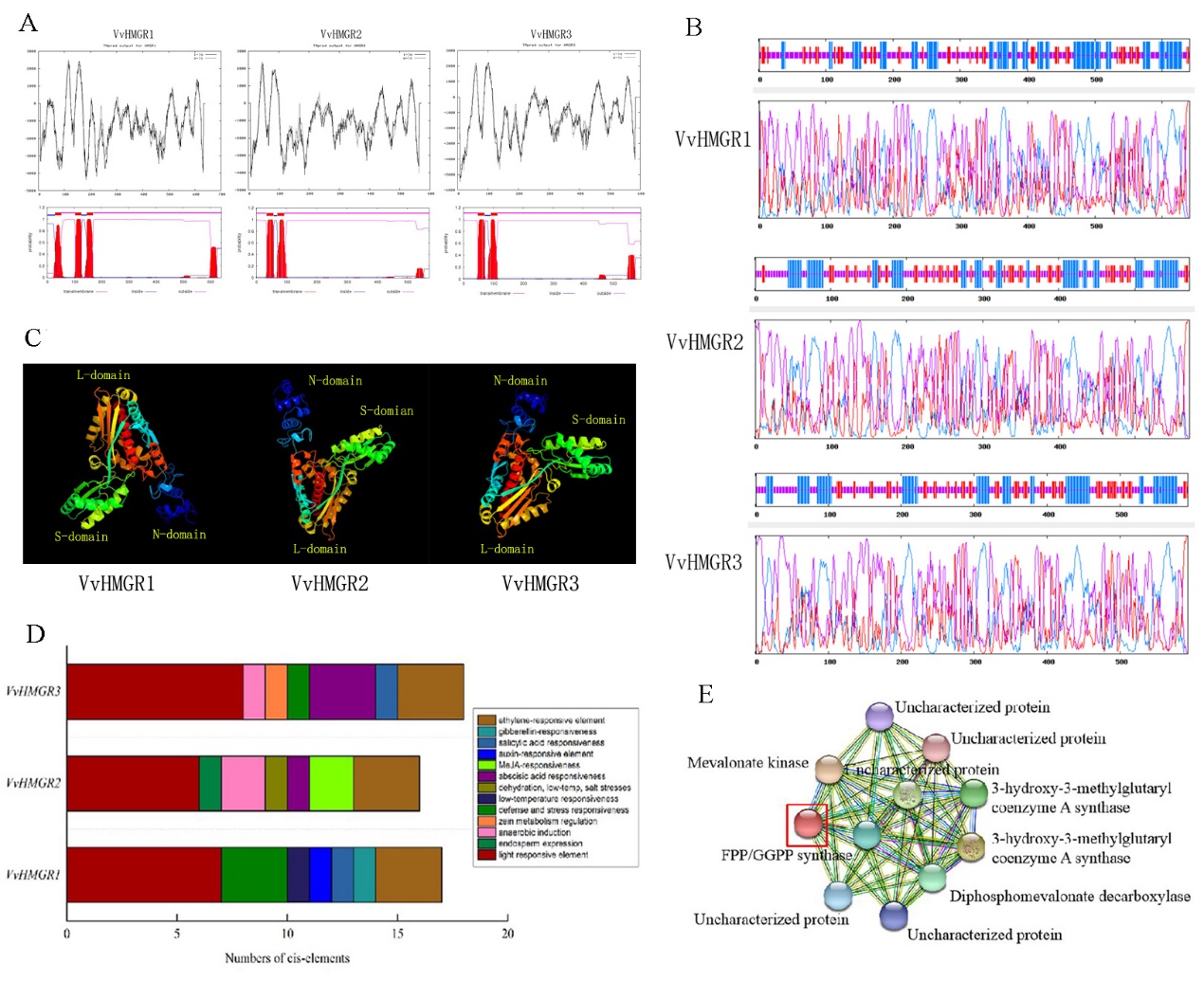


Fig. S4Protein structure and function analysis of VvHMGRs. A. Transmembrane domain prediction and analysis of VvHMGRs protein; B. Secondary structure prediction of VvHMGRs protein; C. Tertiary structure prediction of VvHMGRs protein; D. Promoter cis-acting element analysis; E. Prediction of interaction protein network.

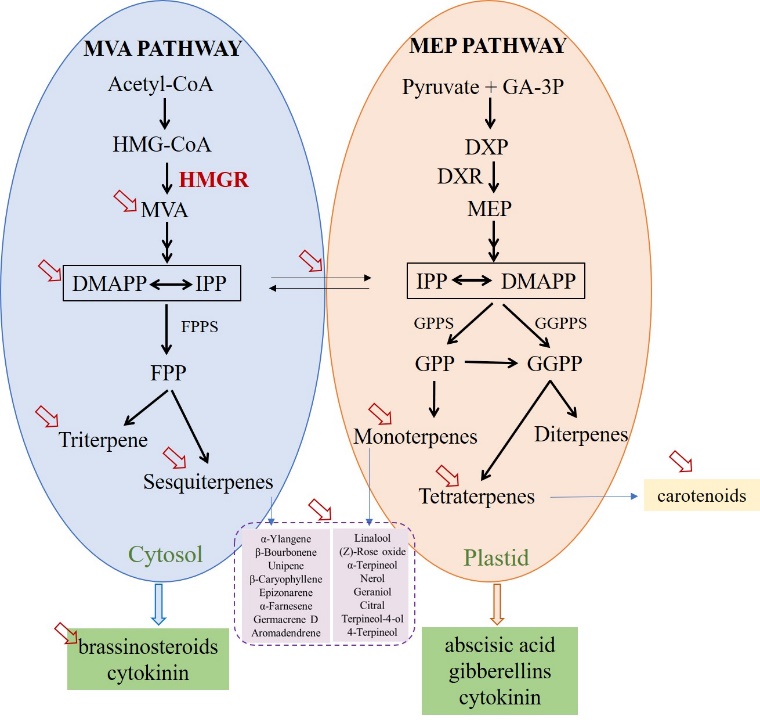


Fig. S5 Synthetic pathways of main terpenoids in grapes. The arrow represents the research results of HMGR affecting the synthesis of terpenoids.