

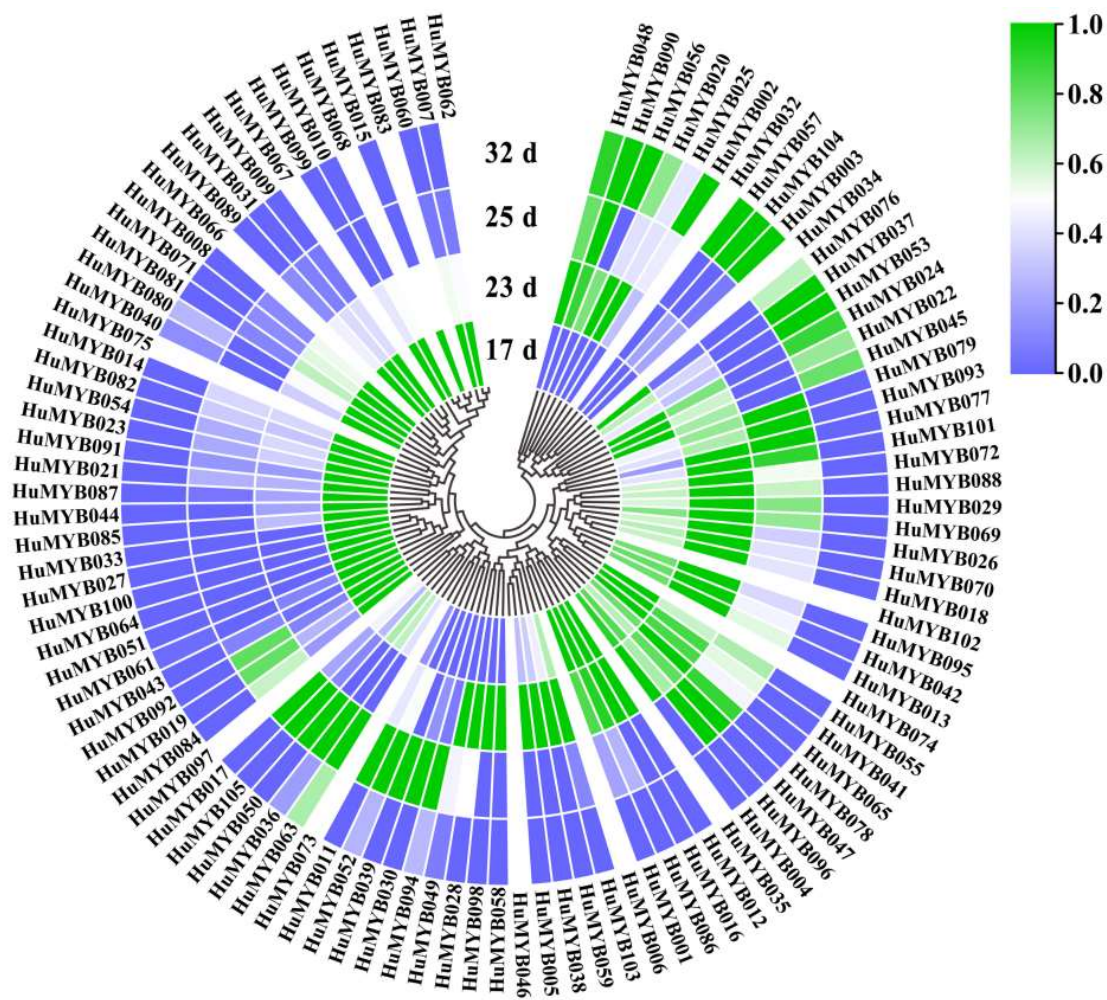


Figure S2. The heatmap of R2R3-MYB genes in pulps of 'Guanhuahong' pitaya.

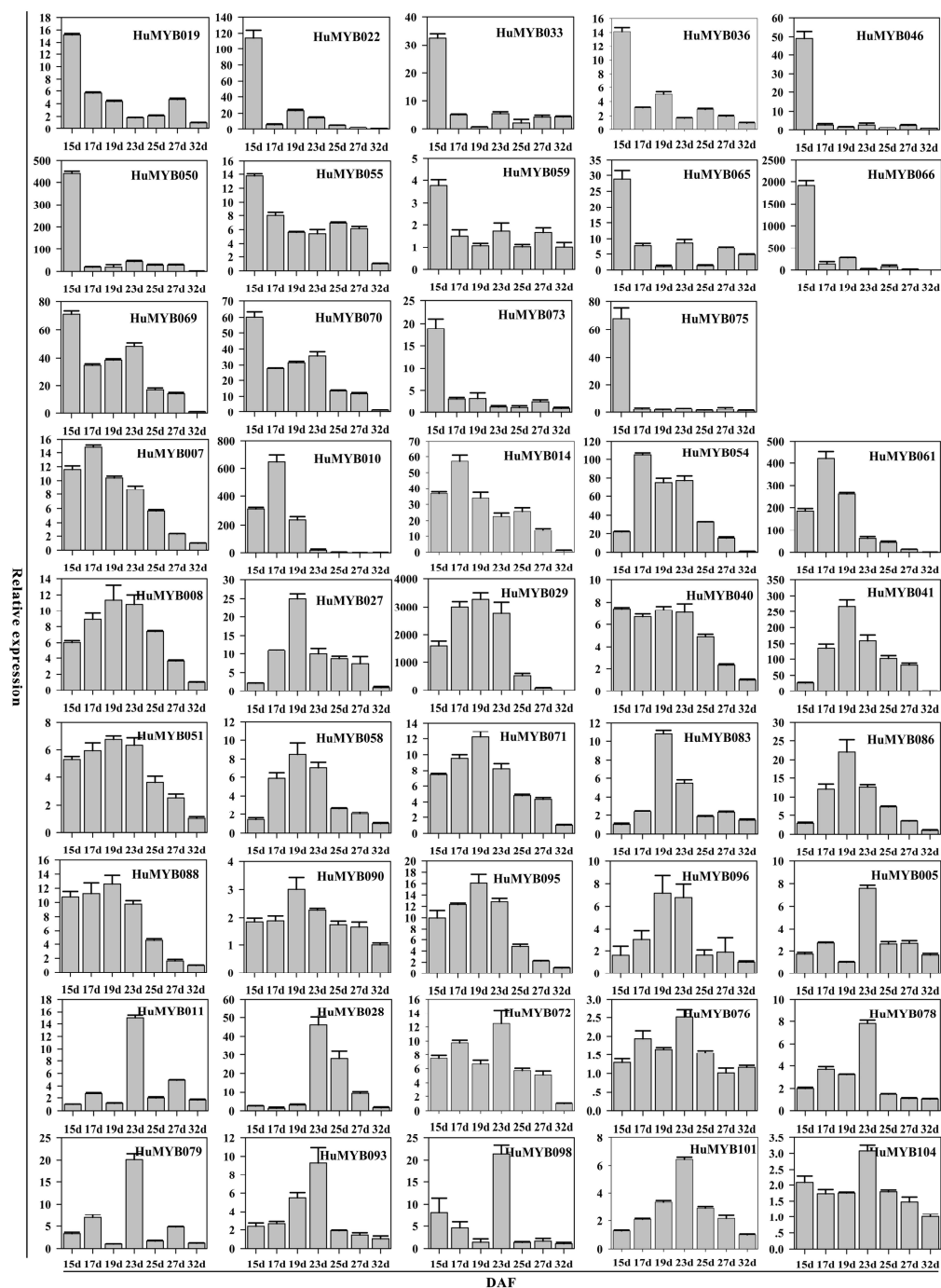


Figure S3. The expression analyses of *R2R3-MYB* genes in pulps during fruit ripening of ‘Guanhuahong’ pitaya.

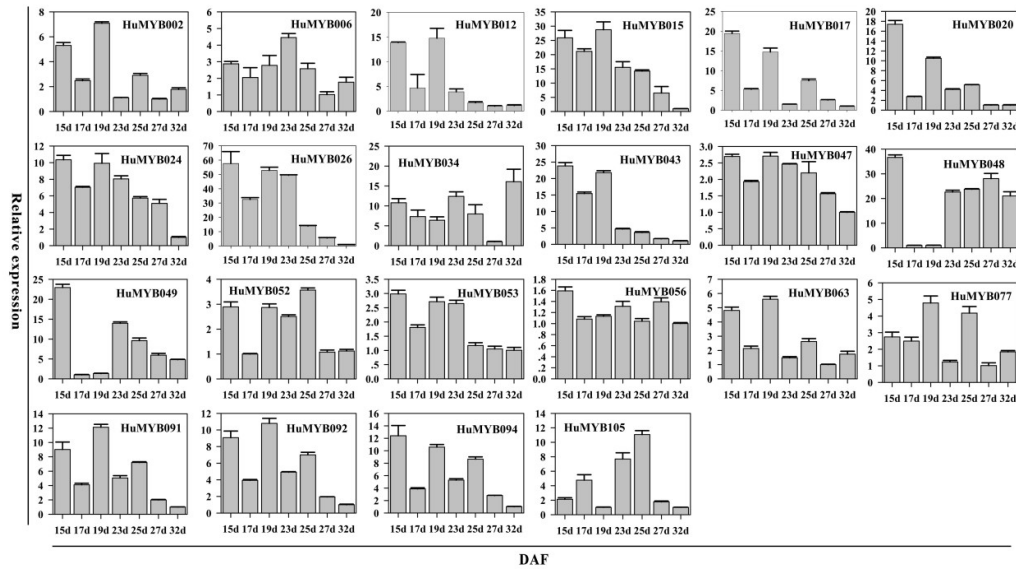


Figure S4. The expression analyses of *R2R3-MYB* genes in pulps during fruit ripening of ‘Guanhuahong’ pitaya.

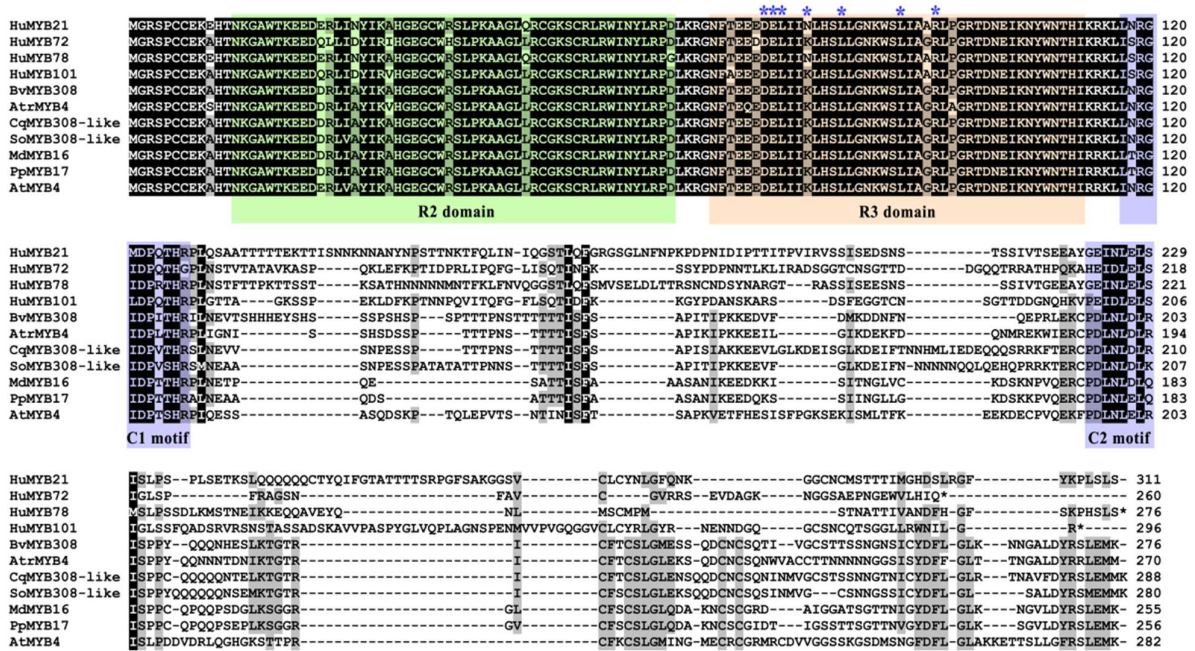


Figure S5. The sequence analyses of HuMYB21, HuMYB72, HuMYB78 and HuMYB101. R2 and R3 domain were labeled in green and orange shading, respectively. C1 and C2 motif were labeled in purple shading. Blue asterisks indicated the motif ([D/E]x2[R/K]x3Lx6Lx3R) which allows to interact with a bHLH partner.

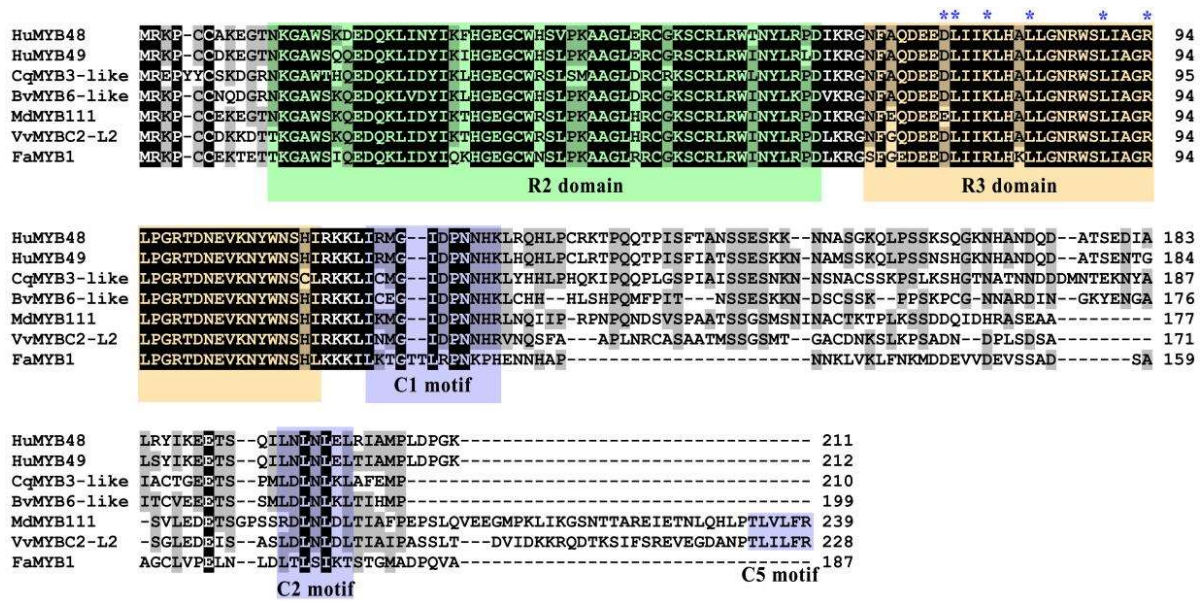


Figure S6. The sequence analyses of HuMYB48 and HuMYB49. R2 and R3 domain were labeled in green and orange shading, respectively. C1, C2 and C5 motif were labeled in purple shading. Blue asterisks indicated the motif ([D/E]Lx2[R/K]x3Lx6Lx3R) which allows to interact with a bHLH partner.