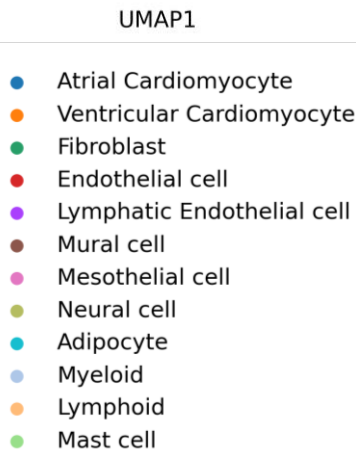
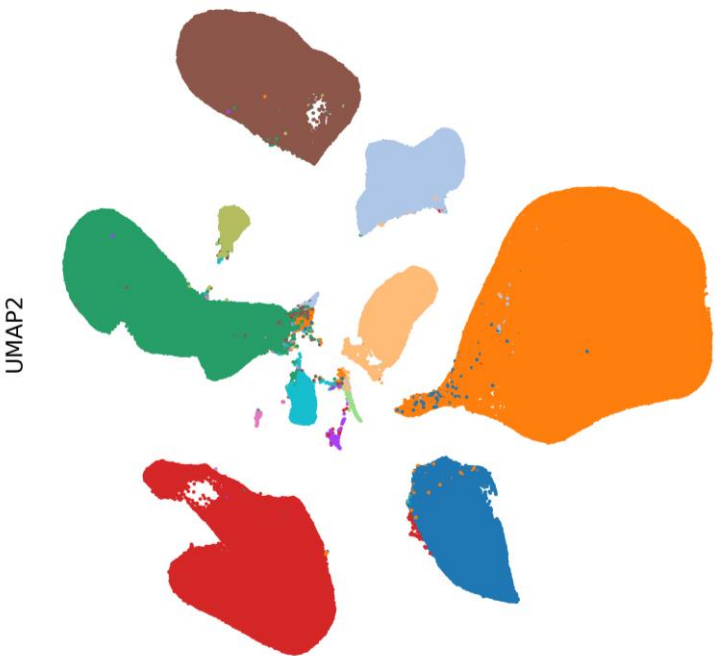
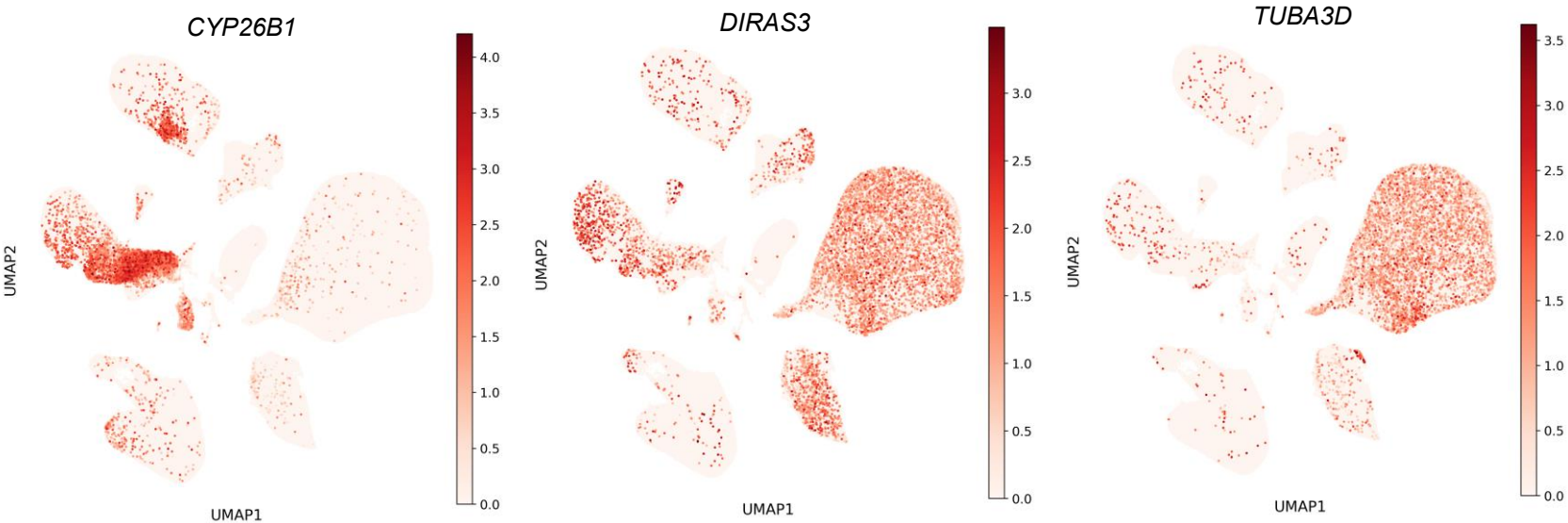


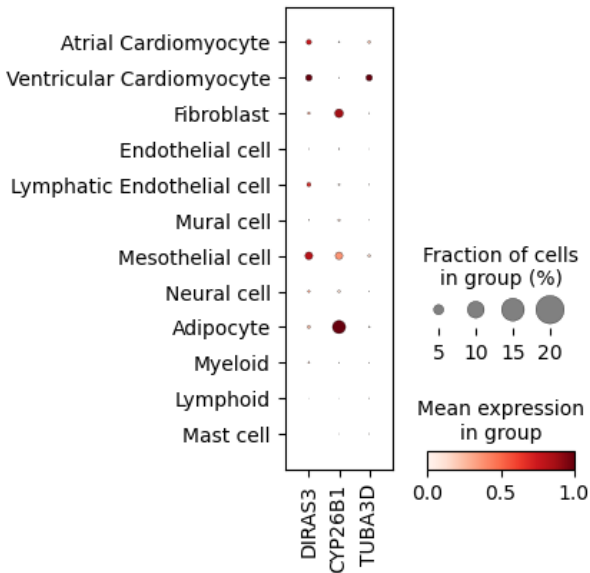
(a) Cell type distribution from Heart cell atlas (<https://www.heartcellatlas.org/>)



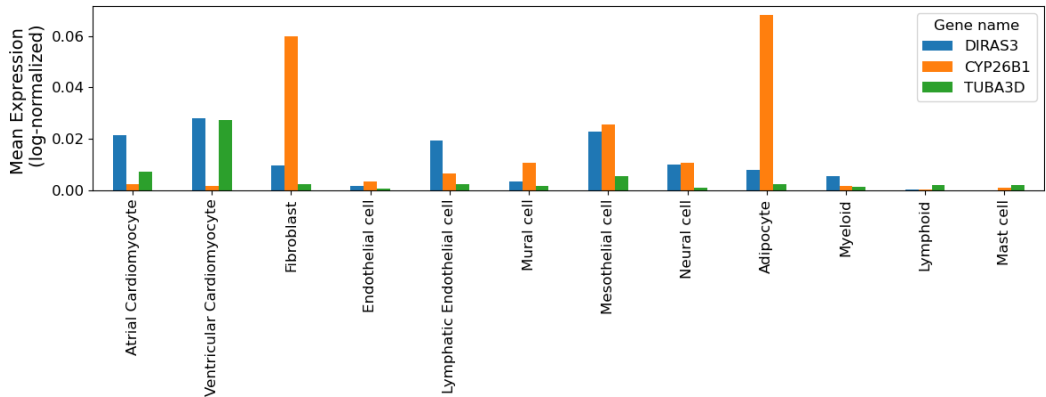
(b) The expression of candidate DEGs from Heart cell atlas (<https://www.heartcellatlas.org/>)



(c) The dot plot of candidate DEGs



(d) The log-normalized expression of candidate DEGs



**Supplementary Figure 4:**  
**Expression Patterns of Candidate DEGs in Heart Cell Atlas**  
*CYP26B1* was predominantly expressed in fibroblasts, mesothelial cells, and adipocytes. *DIRAS3* is mainly expressed in both atrial and ventricular cardiomyocytes, as well as in lymphatic endothelial and mesothelial cells. *TUBA3D* expression was expressed in ventricular cardiomyocytes