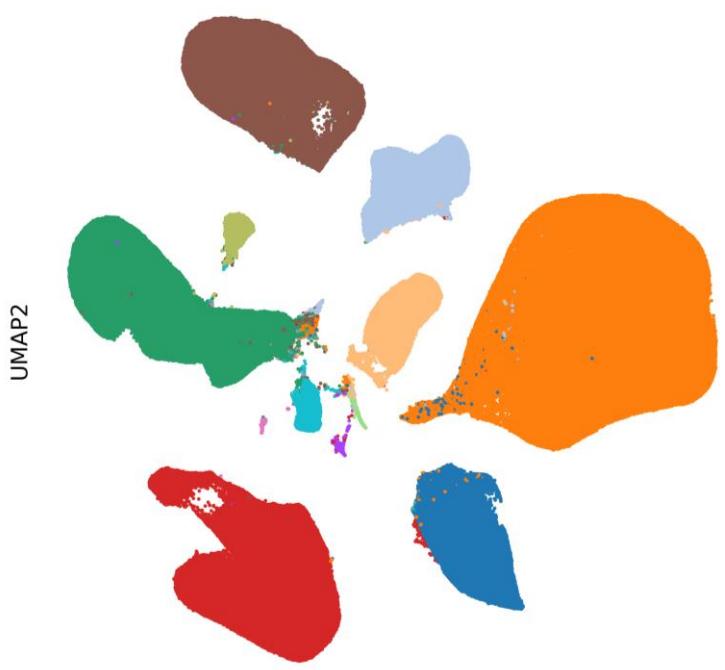
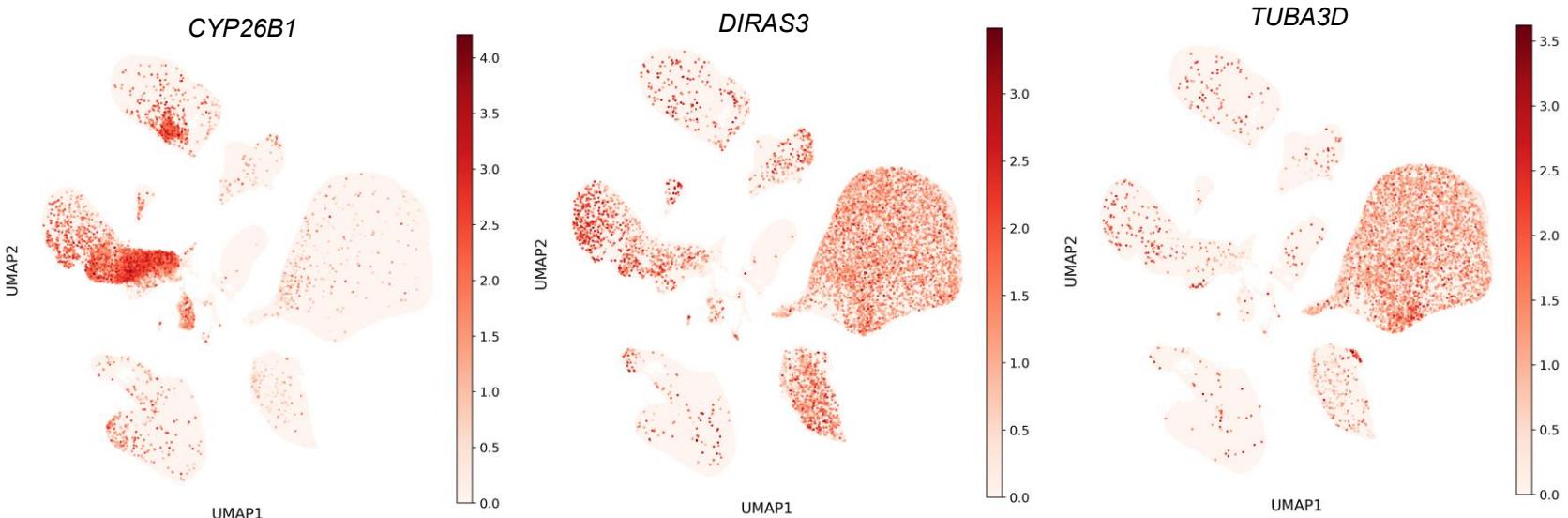


(a) Cell type distribution from Heart cell atlas
(<https://www.heartcellatlas.org/>)

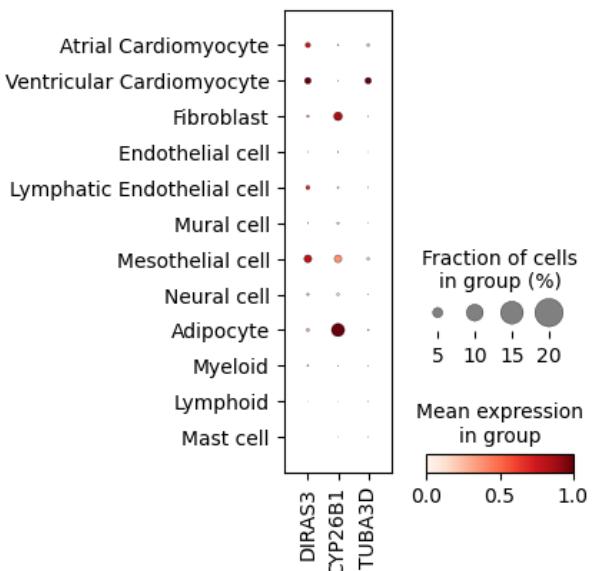


- Atrial Cardiomyocyte
- Ventricular Cardiomyocyte
- Fibroblast
- Endothelial cell
- Lymphatic Endothelial cell
- Mural cell
- Mesothelial cell
- Neural cell
- Adipocyte
- Myeloid
- Lymphoid
- Mast cell

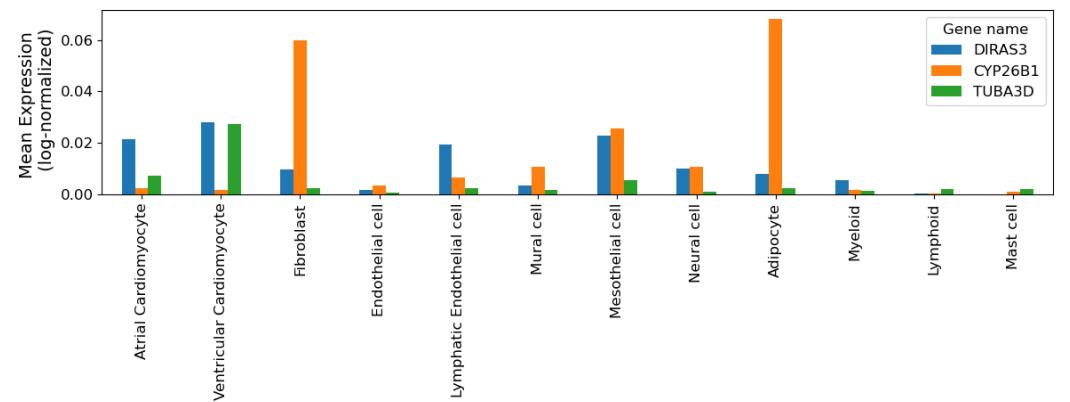
(b) The expression of candidate DEGs from Heart cell atlas (<https://www.heartcellatlas.org/>)



(c) The dot plot of candidate DEGs



(d) The log-normalized expression of candidate DEGs



Supplementary Figure 2:
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