FIGURE 7 | (**A**)umap projection of all cells,resolution=0.8.(**B**)Violin plot depicts distributions of cell type marker genes in each cluster using density curves. (**C**)Dot plot of cell type marker genes.(**D**)umap projections for the CRSsNP and CRSwNP groups, respectively.(**E**)Cell proportion of each cluster of sample group. (**F**)Glycolysis pathway scores for CRSsNP and CRSwNP groups in all celltype.(**G**)Hypoxia pathway scores for CRSsNP and CRSwNP groups in all celltype. (**H,I**)Dot plots of P4HA1, HIF1A and LDHA gene expression.