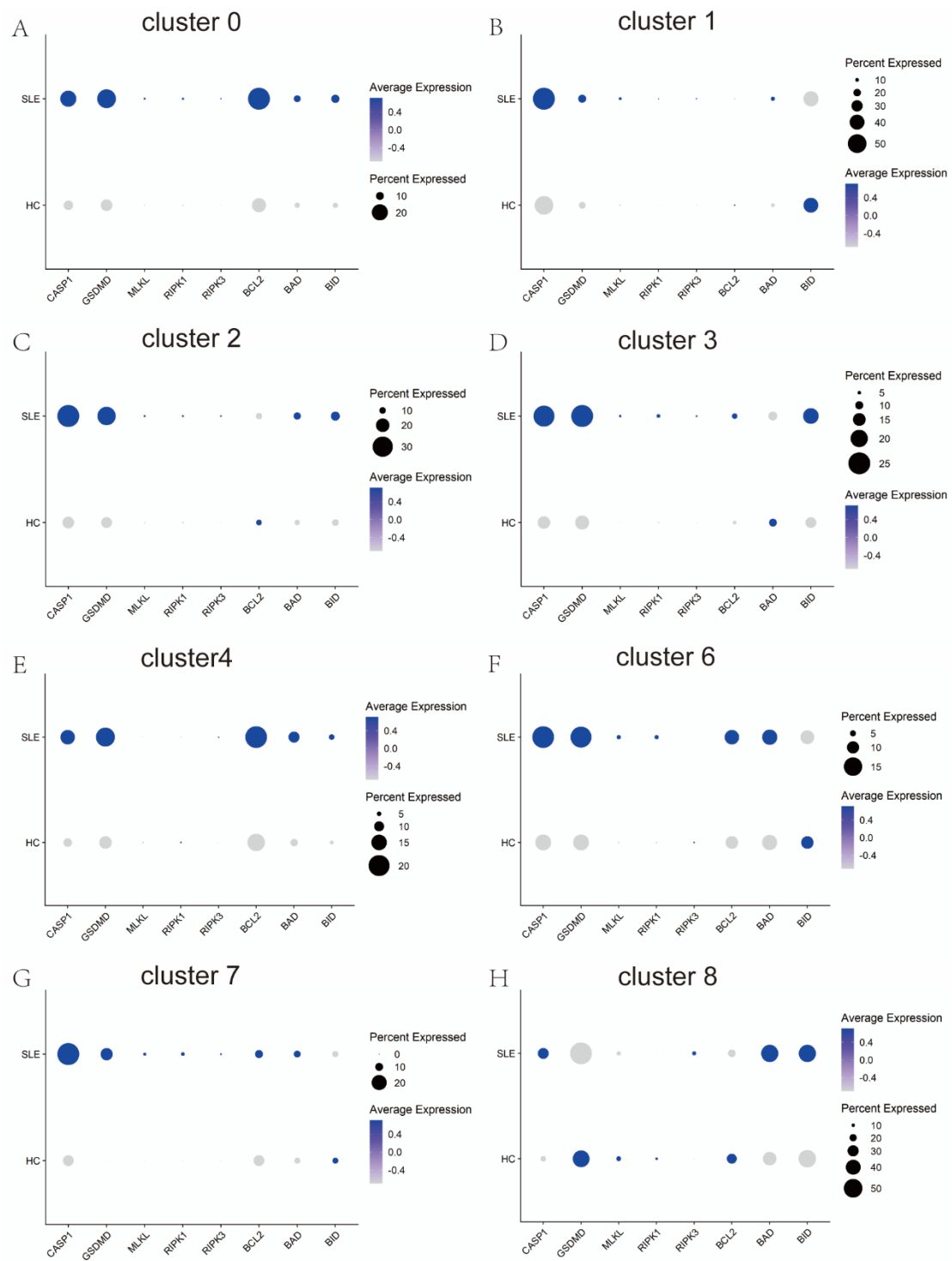
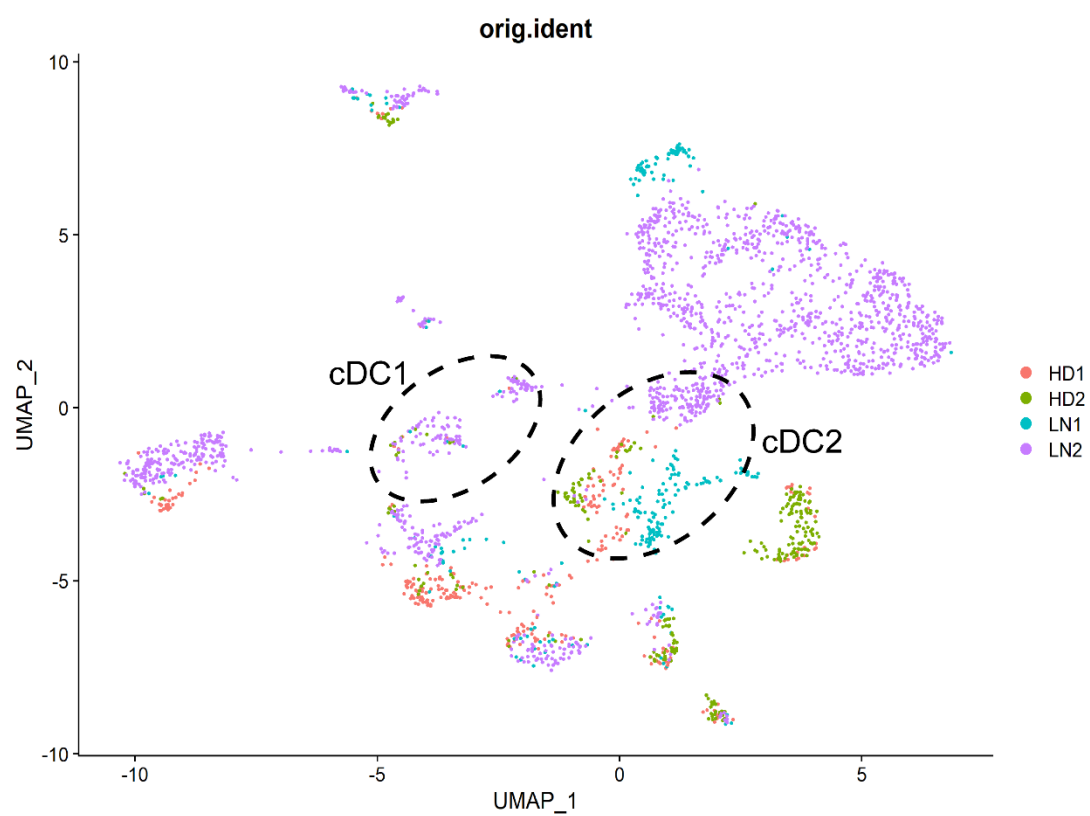
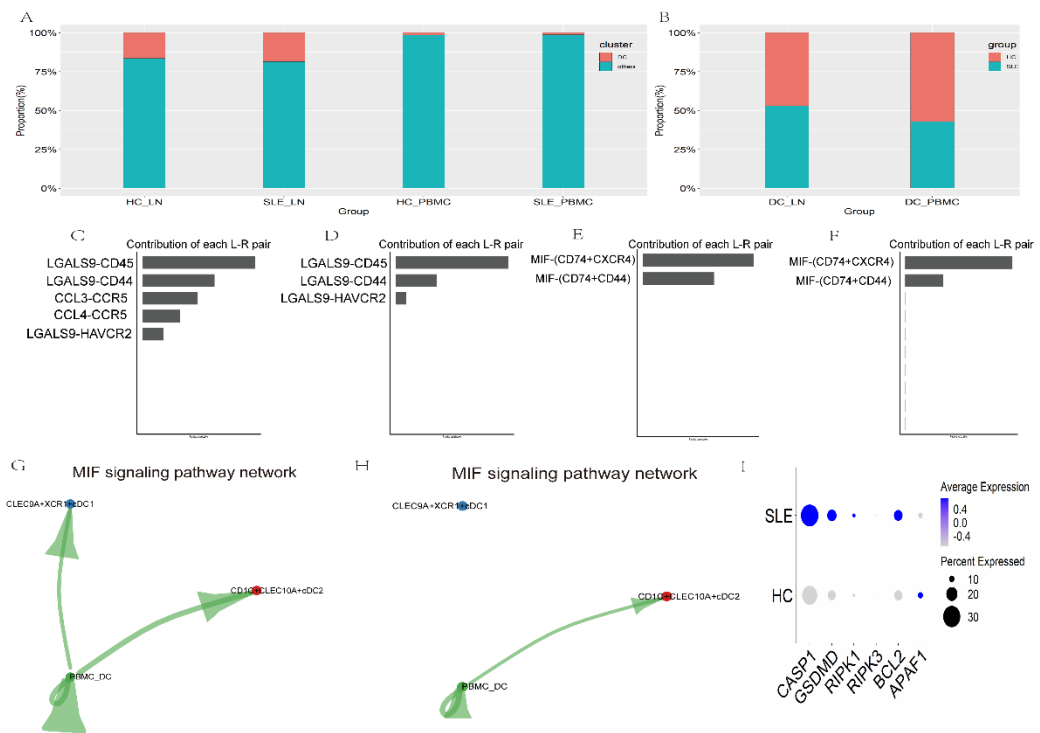




Supplementary Figure 1. Differential expression analysis of pyroptosis, necroptosis and apoptosis pathway of 9 clusters except cluster 5 in GSE135779 cohort.



Supplementary figure 2. UMAP plots represent the clusters of 4 individual (2 healthy controls and 2 LN patients' renal tissue).



Supplementary Figure 3. (A) The proportion of DC in renal tissue and PBMC. (B) The proportion of DC between SLE and HC in renal tissue and PBMC. (C-H) The detailed three DC types ligand-receptor contribution reflect the direction of cell migration. (I) Differential expression analysis of pyroptosis, necroptosis and apoptosis pathway in DC from renal tissue.