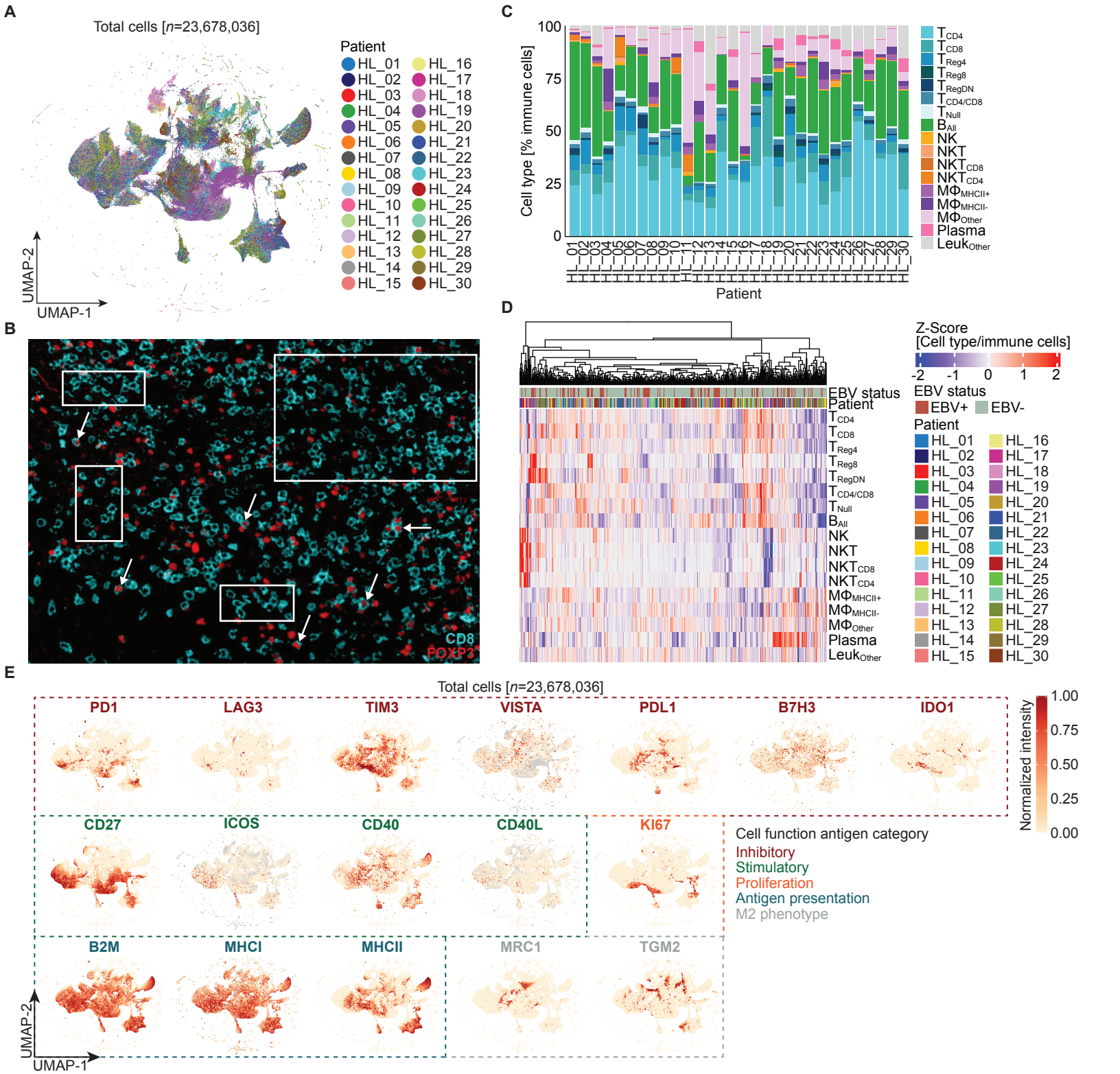

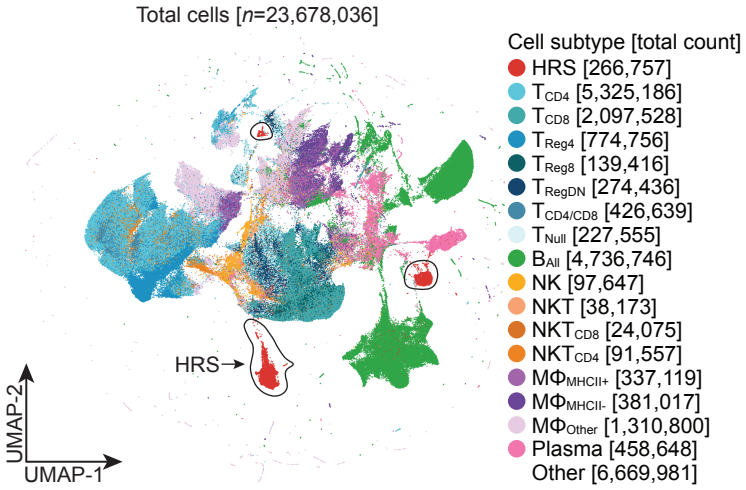

Supplementary Fig. S4. cHL tumors exhibit heterogeneity in immune cell composition and states. A, Uniform manifold approximation and projection (UMAP) of all cells (n=1,276,712, subsampled from 23,678,036) colored by patient. **B,** Multiplexed immunofluorescence image from HL_24 showing CD8+ regulatory T cells. The arrows point to CD8+/FOXP3+ double-positive cells, and the boxed regions highlight CD8+ (FOXP3-) cells. **C,** The stacked bar plot indicates percentage of immune cell subtypes in each patient. For cell type abbreviations, see **Supplementary Table S3**. **D,** The heatmap indicates hierarchical clustering of the z-score of the fraction of each immune cell subtype in each field of view (FOV) of all patients (n=30). **E,** UMAP of all cells colored by normalized intensity of cell function antigens and cell subtype. Grey cells are missing marker information (ICOS, B7-H3, VISTA, CD40, CD40L, MHC-I).