(A) The UMAP plot of embeddings outputted by immune cell for human and mouse lung cancer with csMAHN. (B) Dot plot showing posterior probability of the mouse immune cell integrating human and mouse lung cancer immune cells using csMAHN, The size of the dots corresponds to the proportion of each original label that is assigned to each csMAHN label. (C) Dot plot showing scaled gene expression levels of immnue cell, human (left panel), mouse (right panel). The size of the dots corresponds to the proportion of each csMAHN label. (D) Dot plot showsing marker overlap of mast cell and Basophlis, human (top panel), mouse (bottom panel). The size of the dots corresponds to the proportion of each csMAHN label. (E) The UMAP plot of embeddings outputted by DCs subclusters for human and mouse lung cancer with csMAHN. (F) Dot plot showing posterior probability of the mouse DCs integrating human and mouse lung cancer DCs subclusters using csMAHN. The size of the dots corresponds to the proportion of each original label that is assigned to each csMAHN label. (G) Dot plot showing scaled gene expression levels of DCs subclusters, human (left panel), mouse (right panel). The size of the dots corresponds to the proportion of each csMAHN label.