



S7 Fig. Immune score and gene set enrichment analysis (GSEA) analysis of cluster 1 and clusters 2-3. (A) Immune scores of hematopoietic stem cells, macrophages, activated myeloid dendritic cells, and T cell CD4+ Th1 showed significant differences between cluster 1 and clusters 2-3. (B) Cox proportional hazards model showed that increased activated myeloid dendritic cell was associated with poor prognosis. (C) GSEA analysis revealed up- and down-regulated pathways between cluster 1 and clusters 2-3. (D) GSEA enrichment profiles of six signaling pathways: Hedgehog, Wnt, basal cell carcinoma, neuroactive ligand-receptor interaction, glycosaminoglycan biosynthesis heparan sulfate (positively enrichment in cluster 1), and graft versus host disease (negatively enrichment in cluster 1). NES, normalized enrichment score.