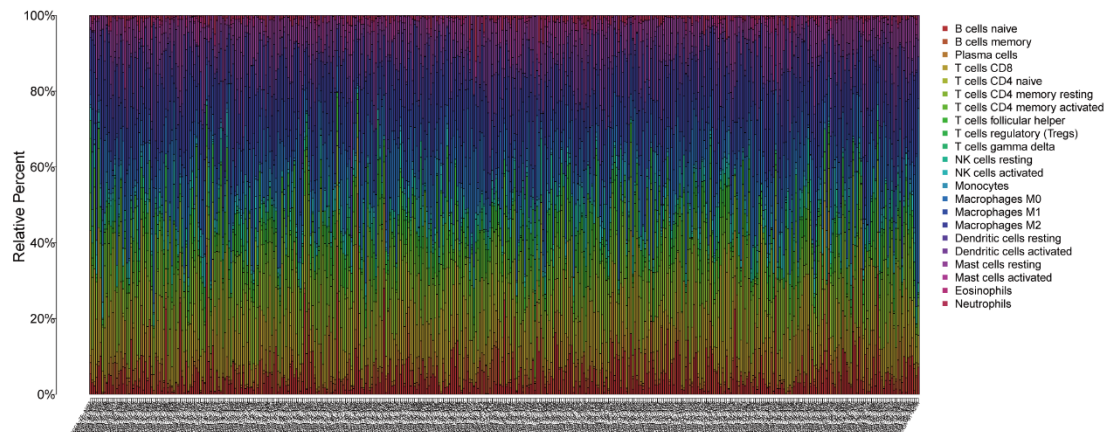
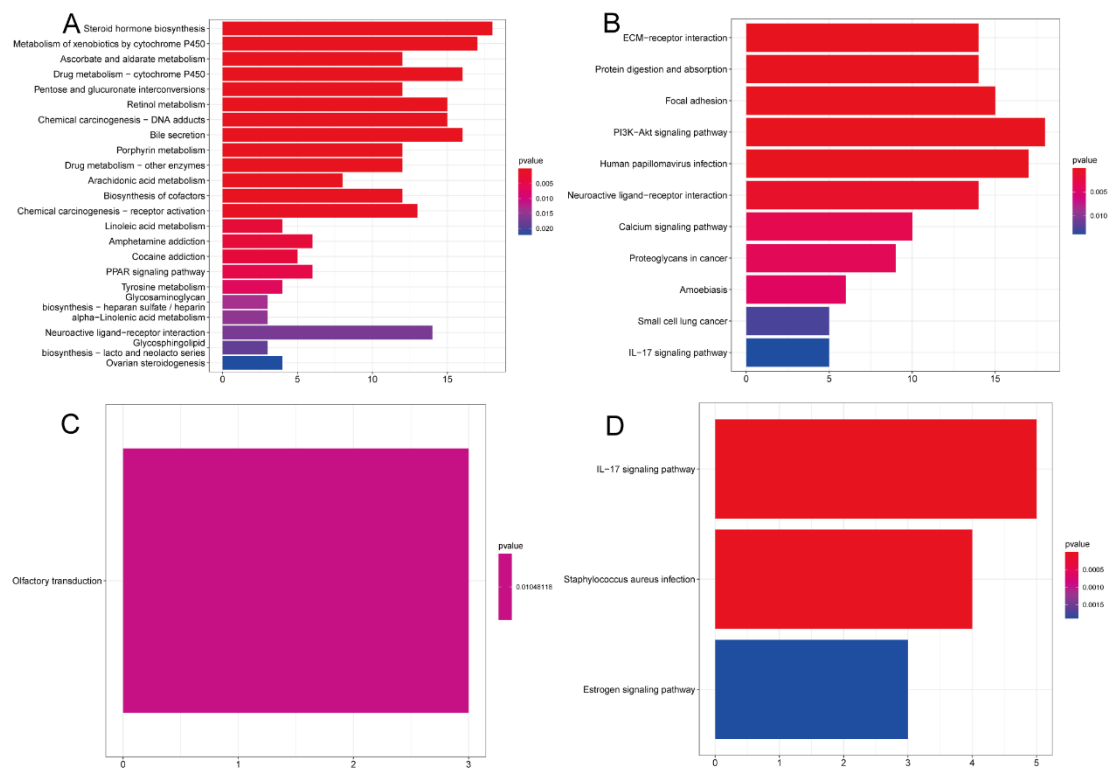
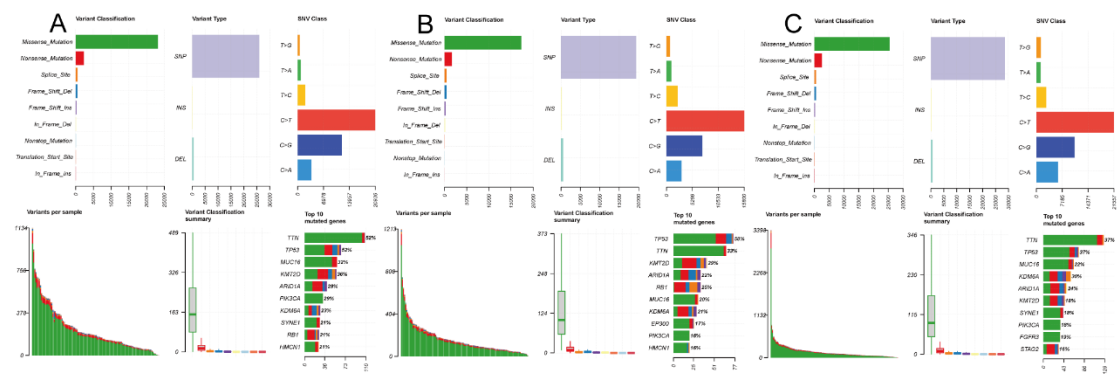




Supplementary Figure 1: The barplot of 22 kinds of immune cells in the TCGA-BLCA cohort.



Supplementary Figure 2: Function enrichment analysis. KEGG enrichment analysis of genes in the blue (A), red (B), green (C), and brown modulate (D).



Supplementary Figure 3: Landscape of mutation profiles in the three subtypes of BCa.

Summary of the mutation information in C1 subtype (A), C2 subtype (B), and C3 subtype (C).