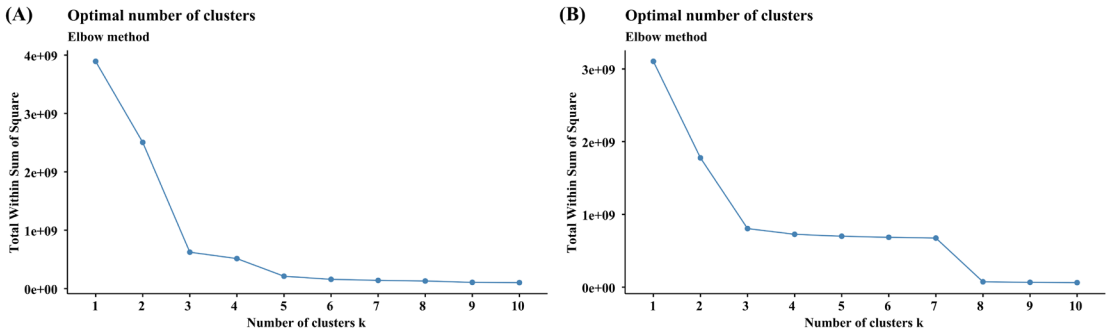


Figure S1. Determination of the optimal number of clusters using the elbow method. The x-axis represents the number of clusters (k), while the y-axis indicates the total within-cluster sum of squares (WSS) for each cluster number.(A) Elbow plot for DEGs in the NT group.(B) Elbow plot for DEGs in the HT group.