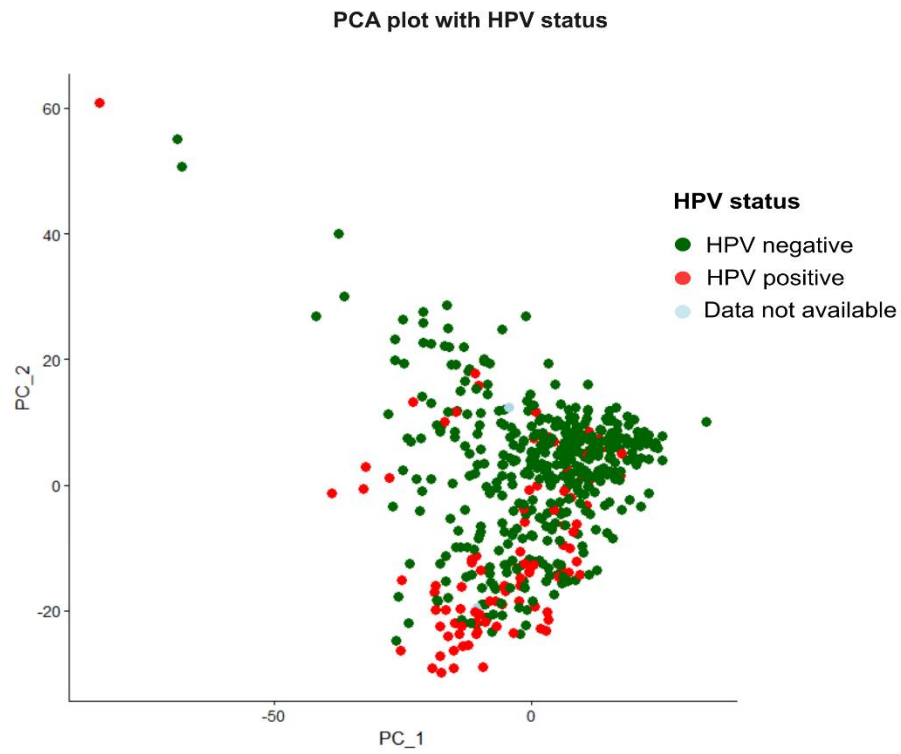
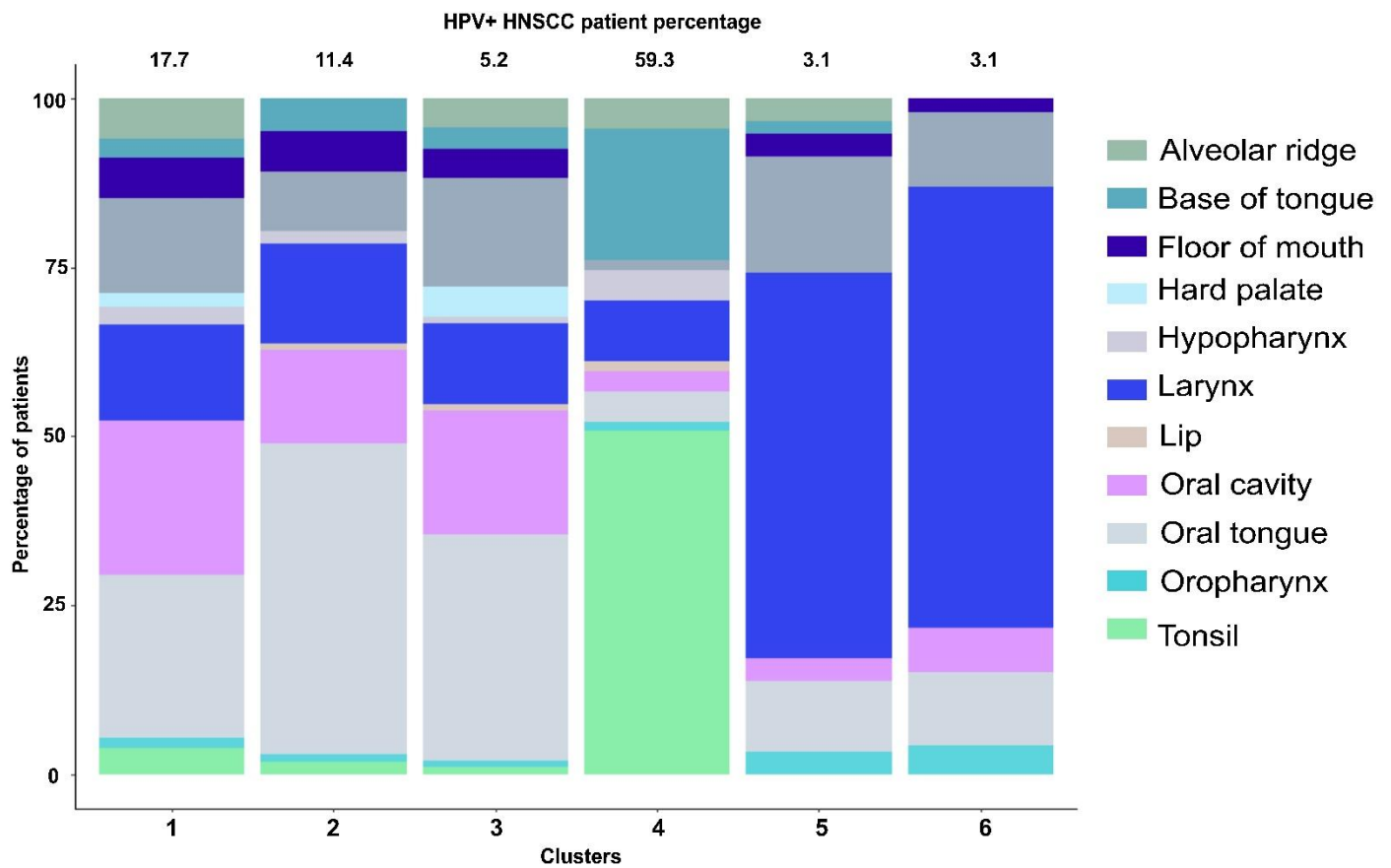


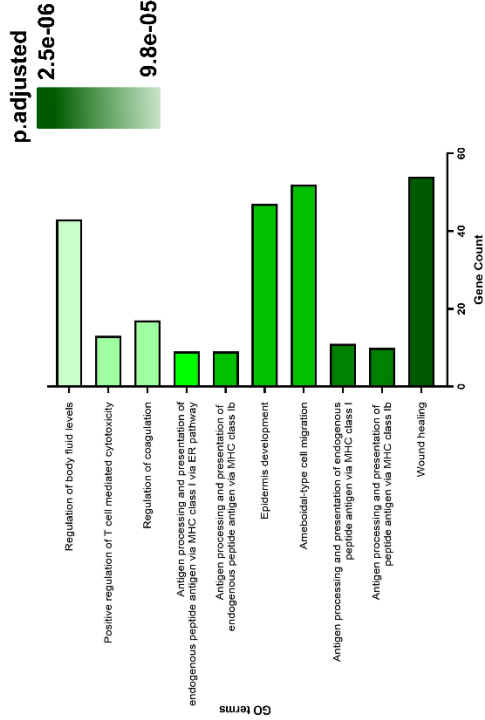


Supplementary Fig. 1- Plot showing the distribution of HNSCC patients colored on their HPV status

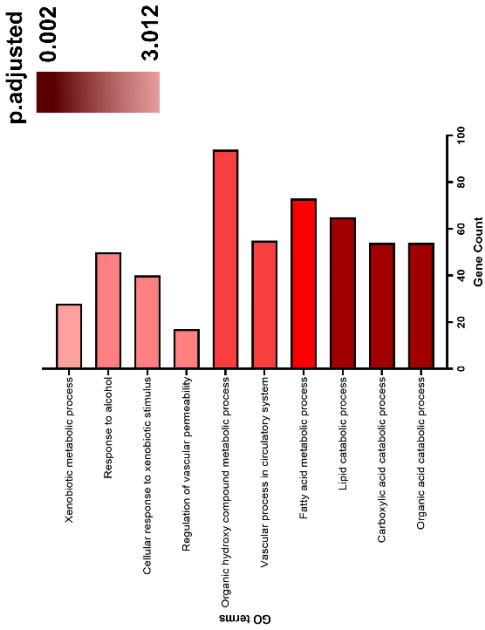


Supplementary Fig. 2- Stacked bar plot showing the distribution of the region of the patient's neoplasm in each cluster. The percentage of HPV patients in each cluster is mentioned on top of each bar.

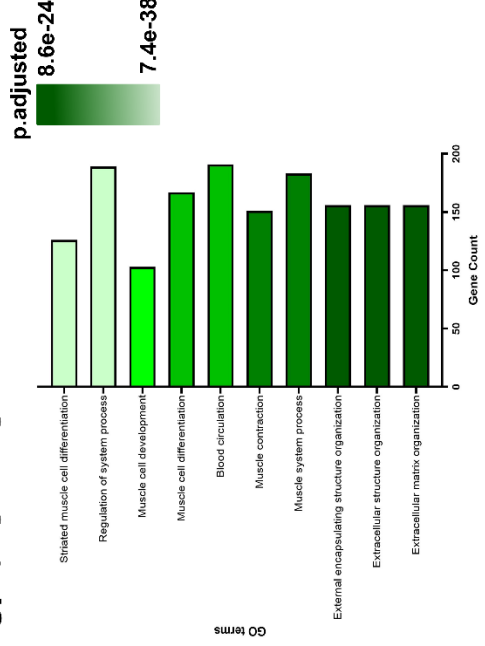
A. Upregulated genes in cluster 1



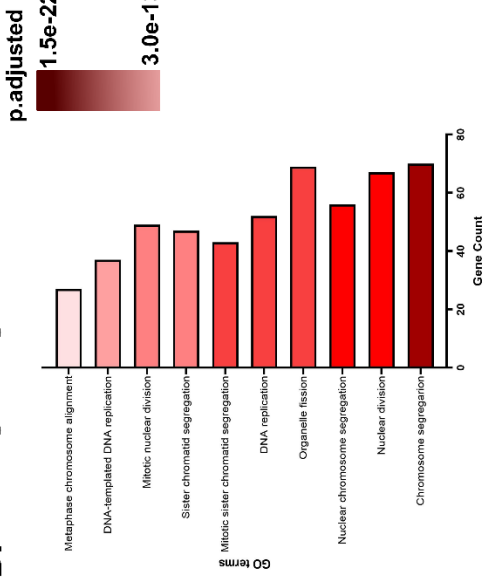
B. Downregulated genes in cluster 1



C. Upregulated genes in cluster 2

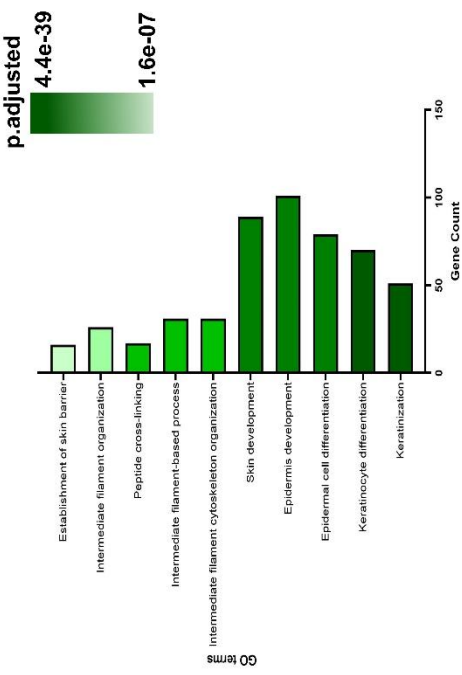


D. Downregulated genes in cluster 2

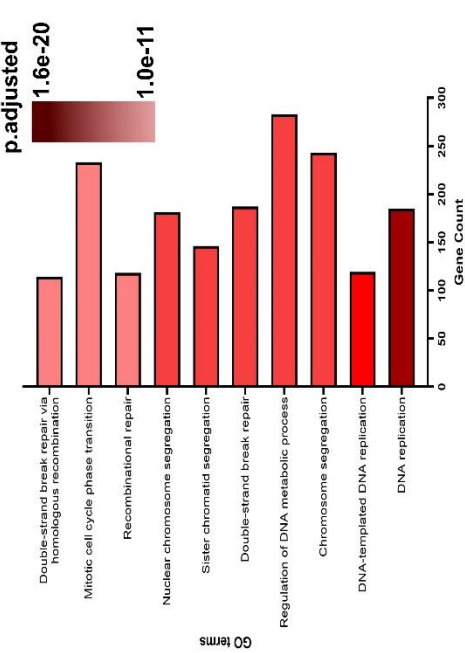


Supplementary Fig.3 Plot showing the upregulated and downregulated biological processes (BP) and the corresponding transcript counts for the clusters 1 and 2

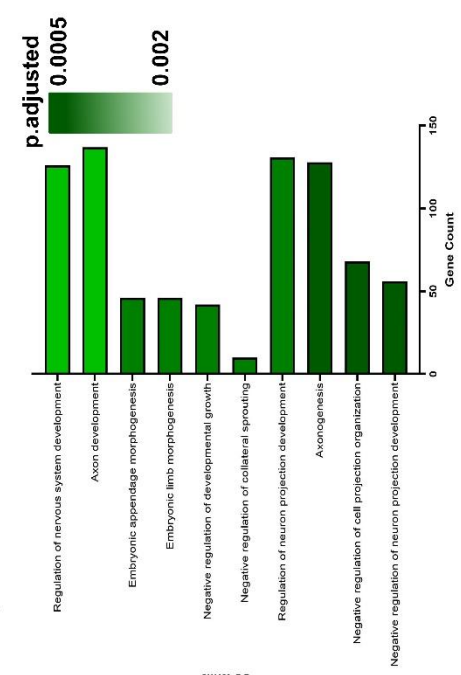
A. Upregulated genes in cluster 3



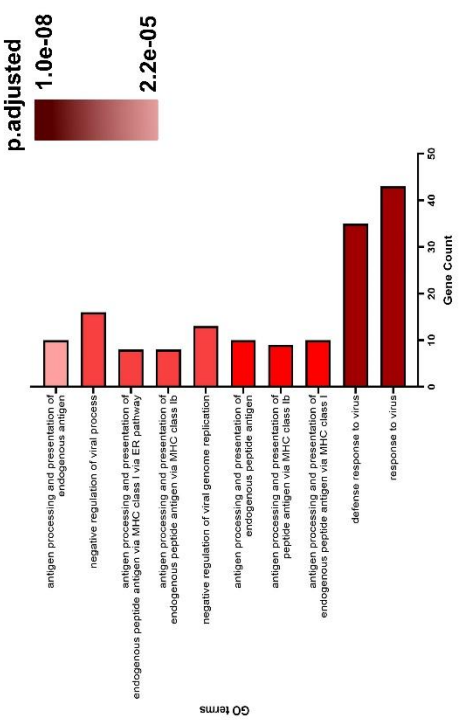
B. Downregulated genes in cluster 3



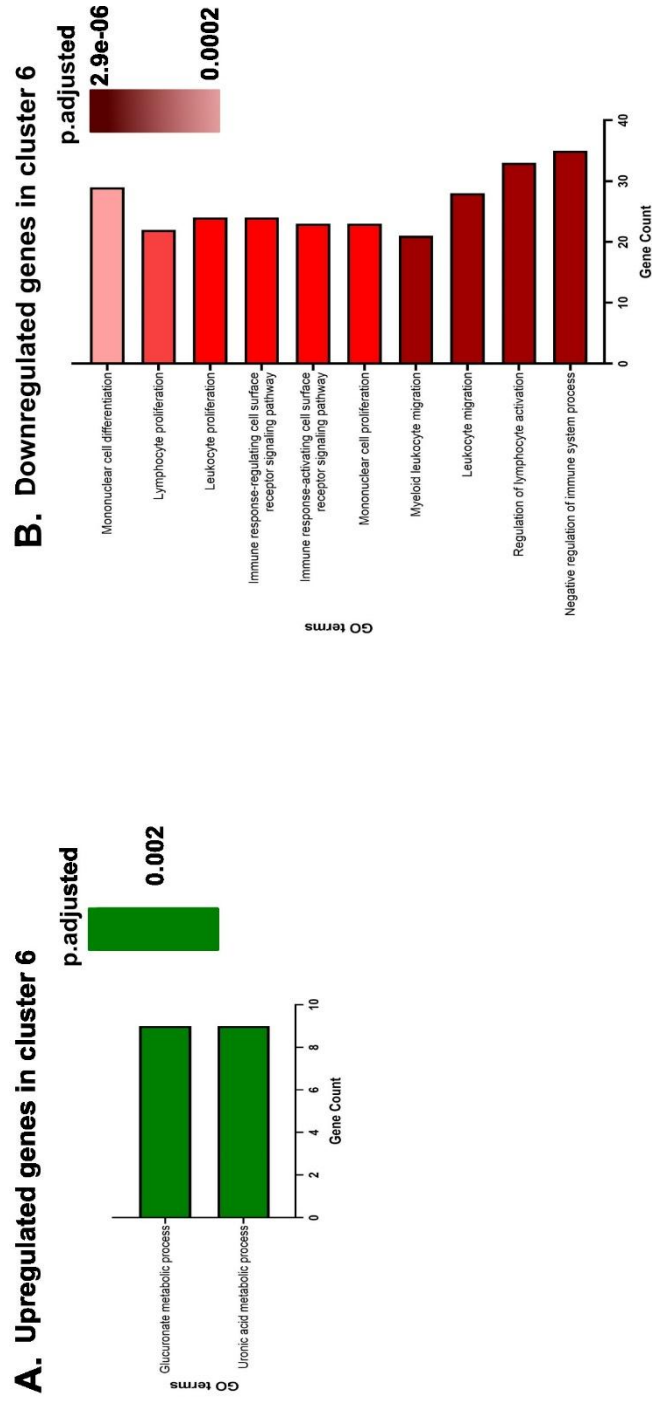
C. Upregulated genes in cluster 5



D. Downregulated genes in cluster 5



Supplementary Fig.4 Plot showing the upregulated and downregulated biological processes (BP) and the corresponding transcript counts for the clusters 3 and 5



Supplementary Fig.5 Plot showing the upregulated and downregulated biological processes (BP) and the corresponding transcript counts for the cluster 6