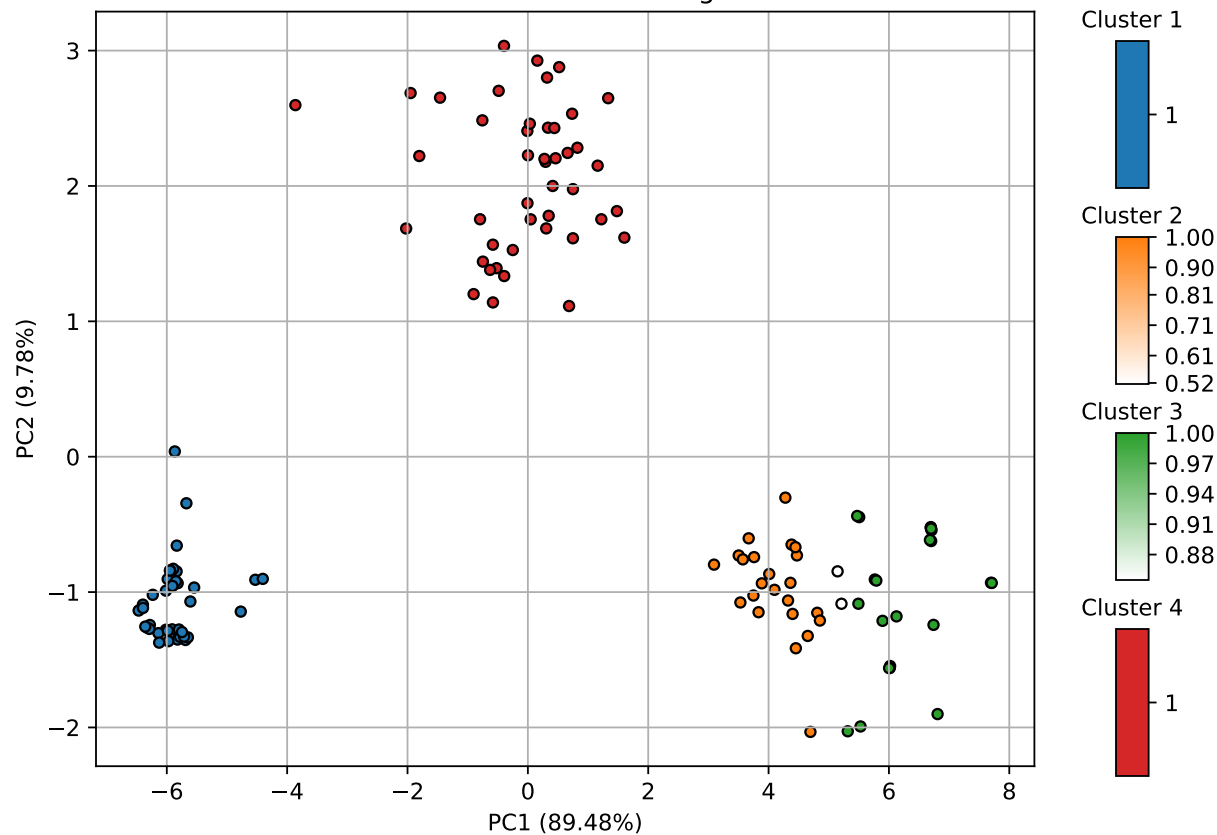
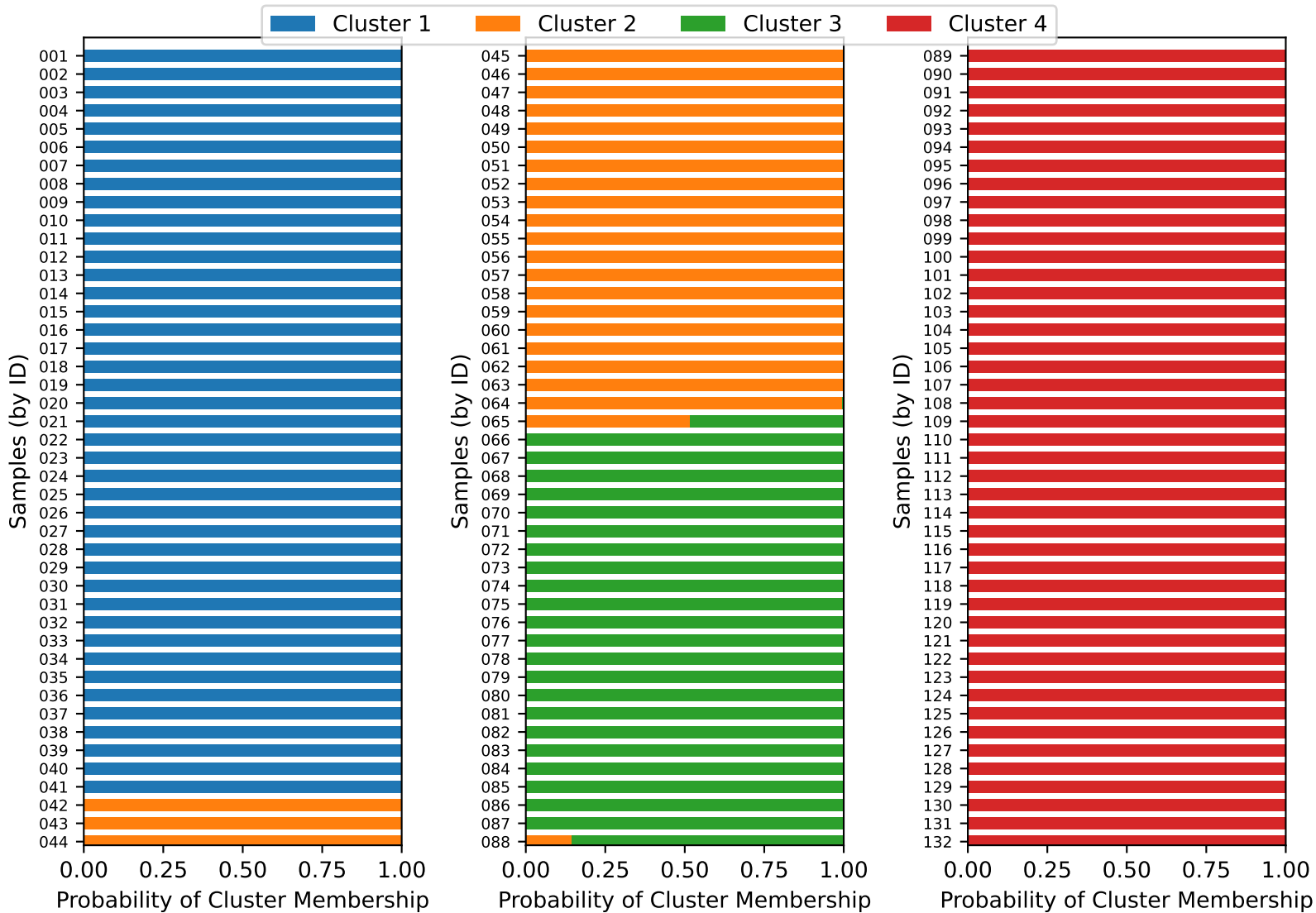
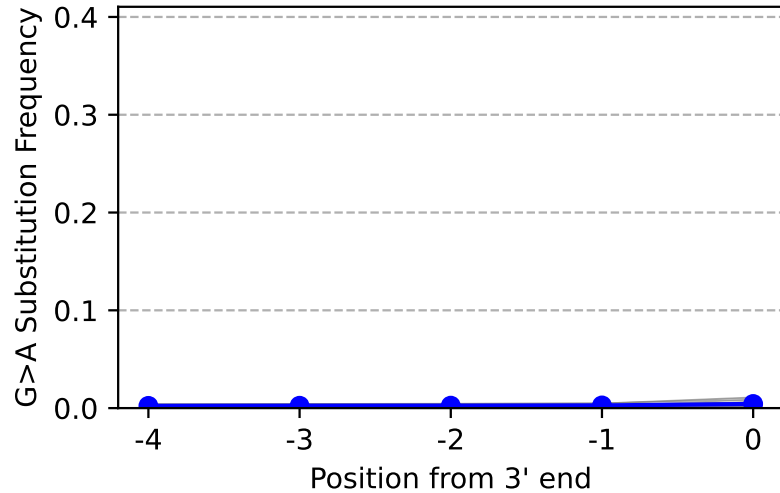
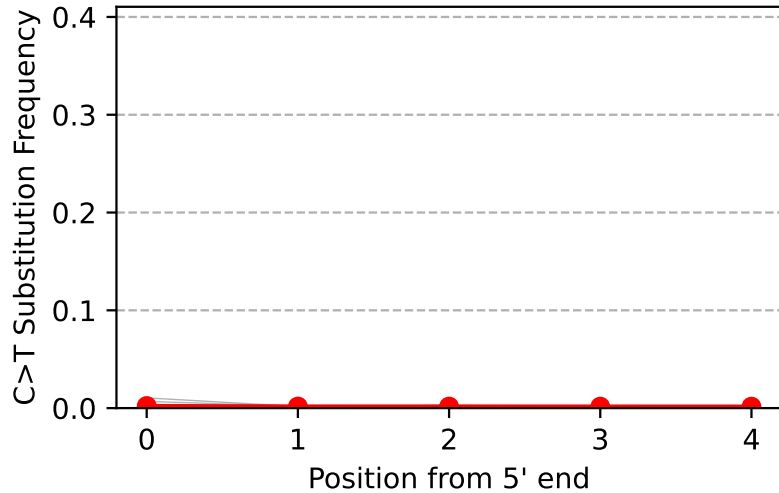


PCA Result Colour Coded  
Based on GMM Cluster Assignment

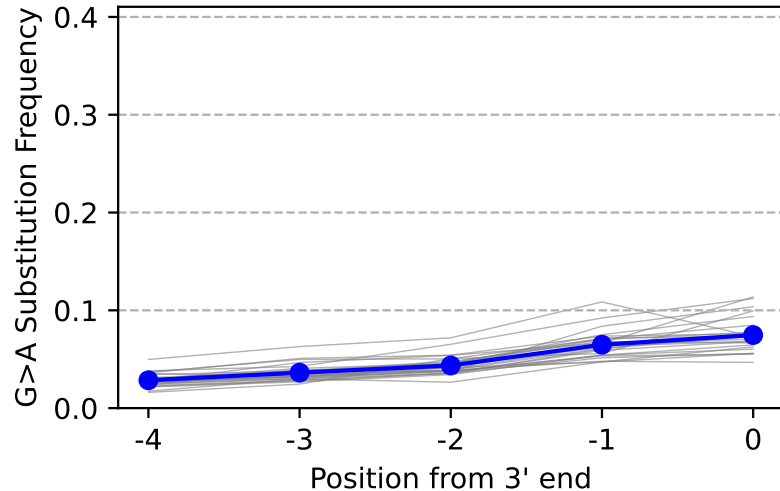
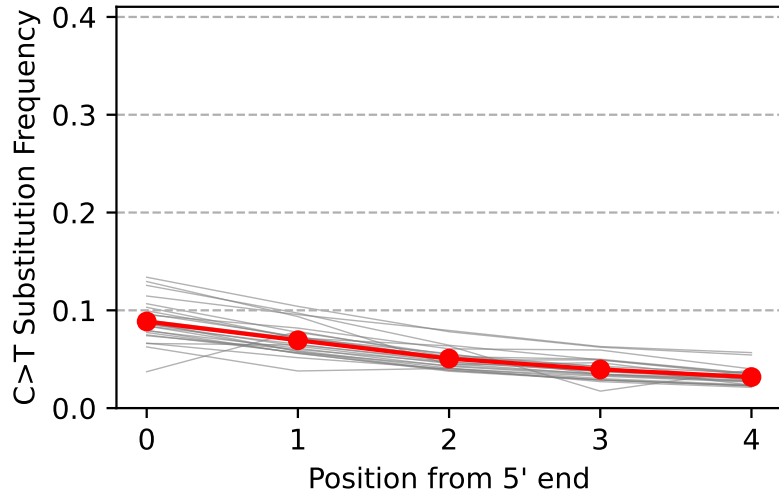




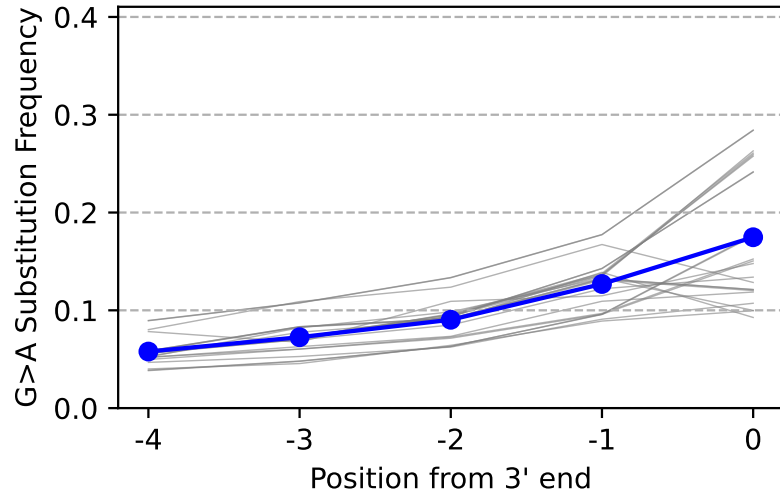
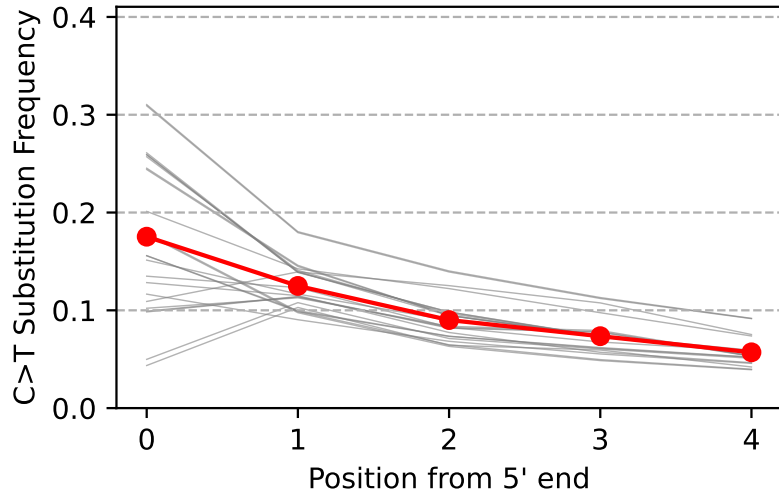
# Representative Substitution Frequencies for Cluster 1 (GMM)



## Representative Substitution Frequencies for Cluster 2 (GMM)



# Representative Substitution Frequencies for Cluster 3 (GMM)



# Representative Substitution Frequencies for Cluster 4 (GMM)

