

## Supplementary Figures

### Relevant and Non-redundant Feature Selection for Cancer Classification and Subtype Detection

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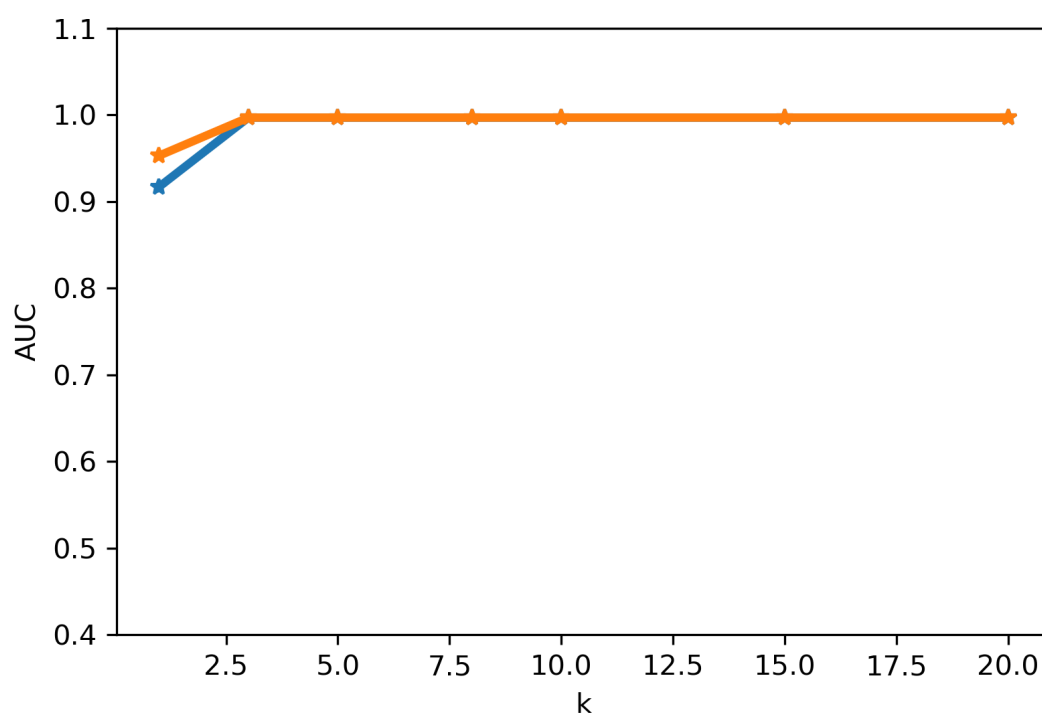


Figure S1: Classification accuracy of BRCA for two different cutoffs a)  $z_t=2$  (blue) b)  $z_t=3$  (orange)

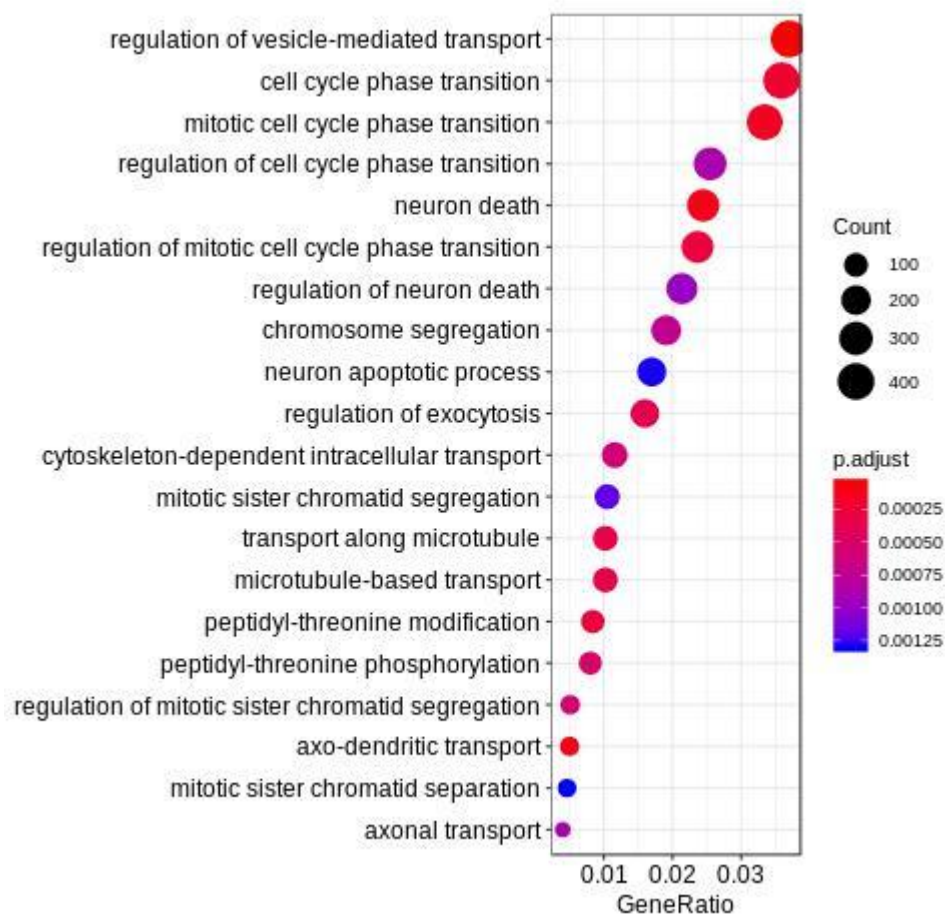


Figure S2: Functional analysis of GBM cluster 1

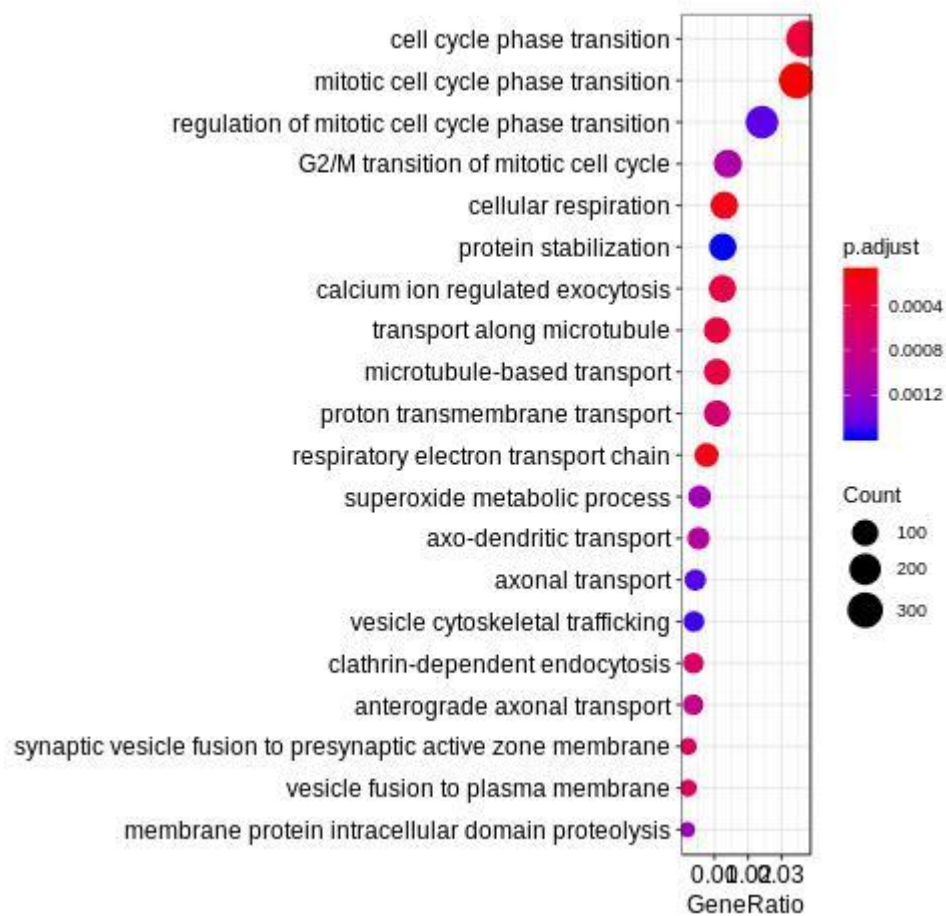


Figure S3: Functional analysis of GBM cluster 2

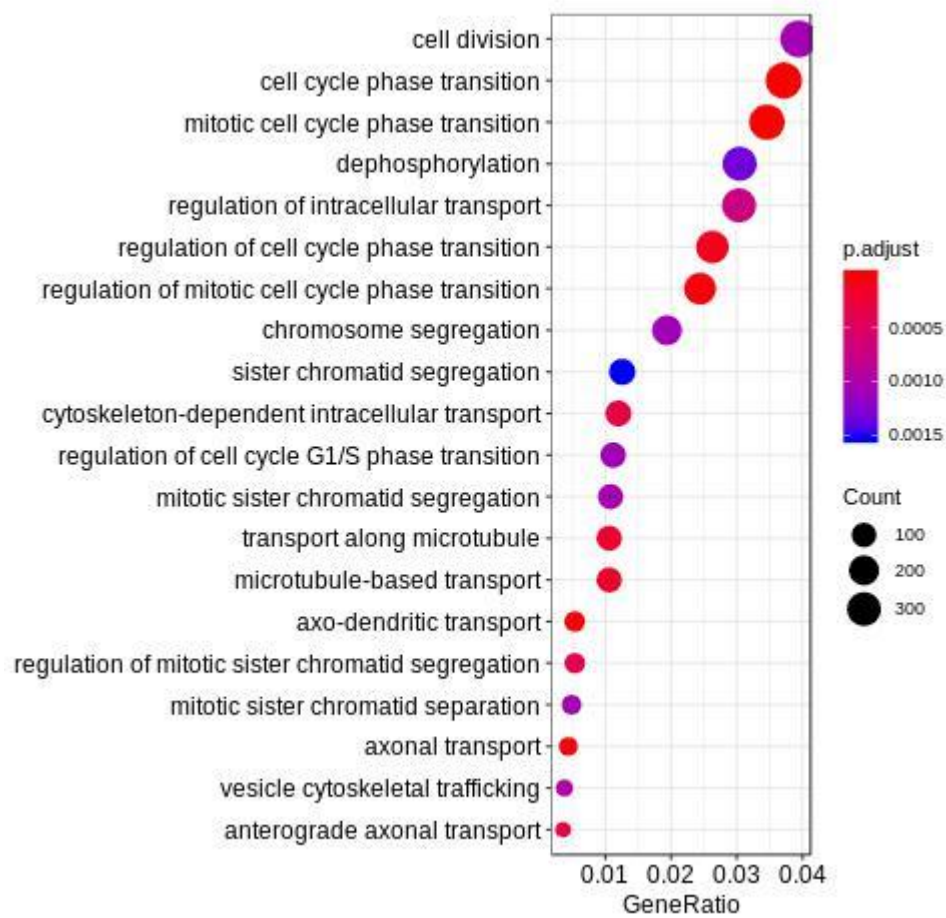


Figure S4: Functional analysis of GBM cluster 3

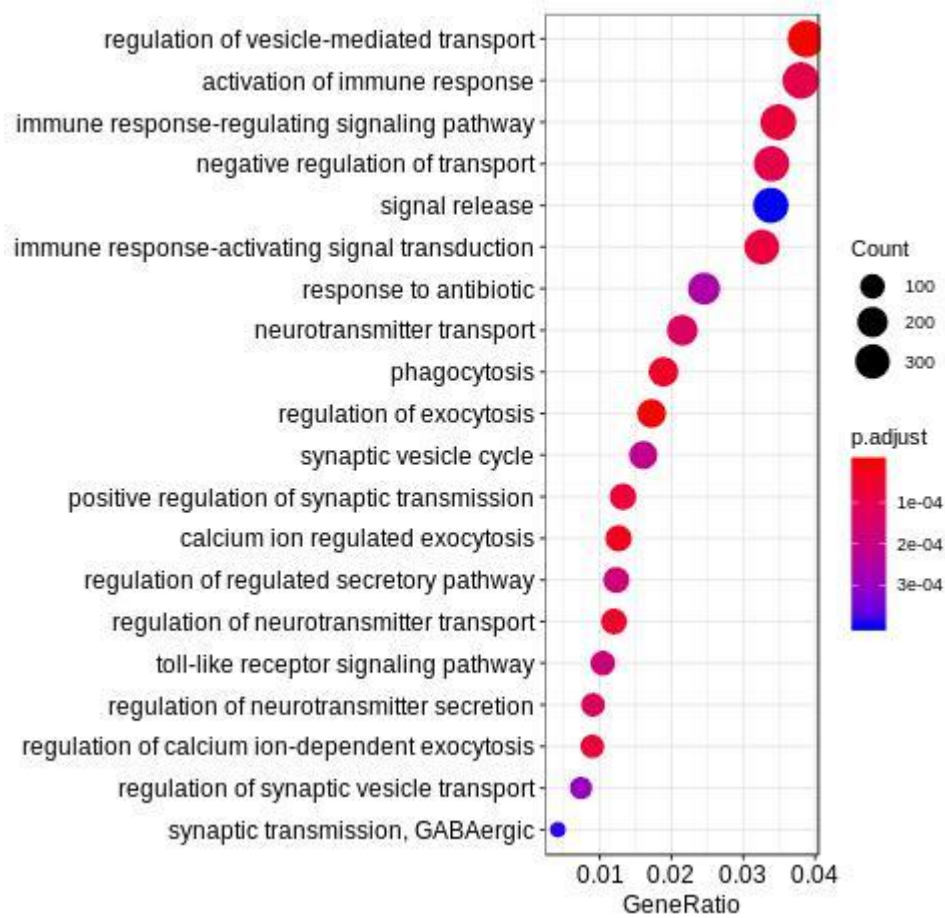


Figure S5 :Functional analysis of GBM cluster 4

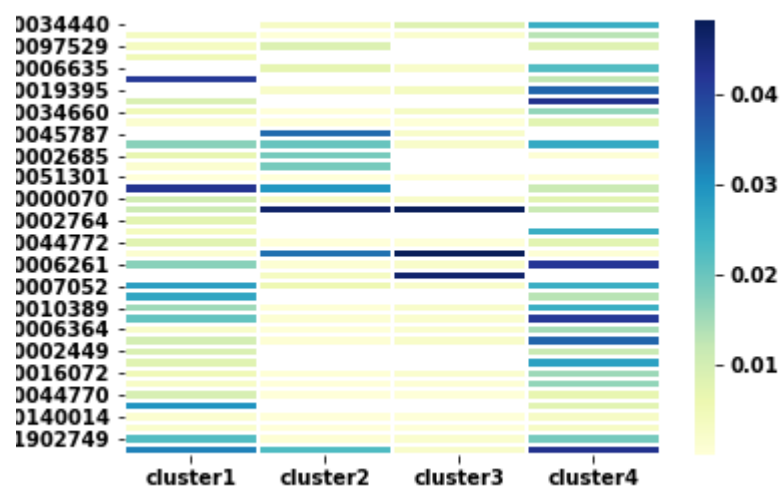


Figure S6: Enriched biological functions of each subtype of COAD cancer