







What visualization is appropriate to address each question on a biological feature?

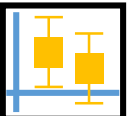
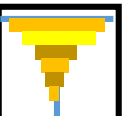

a Is the analysis involving one experiment?


b Is the analysis involving multiple experiments (replicates/conditions)?

**Q1** Is the fresh sequencing in good shape? 










**Q2** Is this feature appearing in sharp or broad sites?  


**Q3** Is there a preference for a region (TSS, body, intergenic)?   

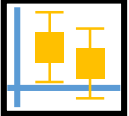


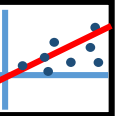
**Q4** Is a group of genomic items enriched in this feature?   

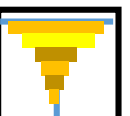


**Q5** Which are the target genes of this feature? 

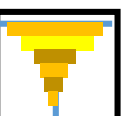


VISUALIZATIONS



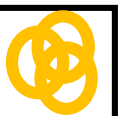
-  Boxplots
-  Heatmaps
-  Matching
-  Meta-plots
-  Pie charts
-  Profiles
-  Scatterplots
-  UpSets
-  Venn chart

**Q6** Are profile patterns distinct over a particular region? 

**Q7** Is there a significant signal gain/loss between samples?    

**Q8** Is a change reported in the preference for a genomic region?   

**Q9** Is there a balance between the signal of two samples?   

**Q10** Which are the common and specific targets between samples?   

Suppl. Fig. 15. Guidelines of selection of alternative visualizations depending on the biological question