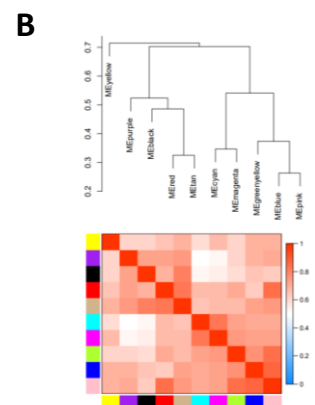
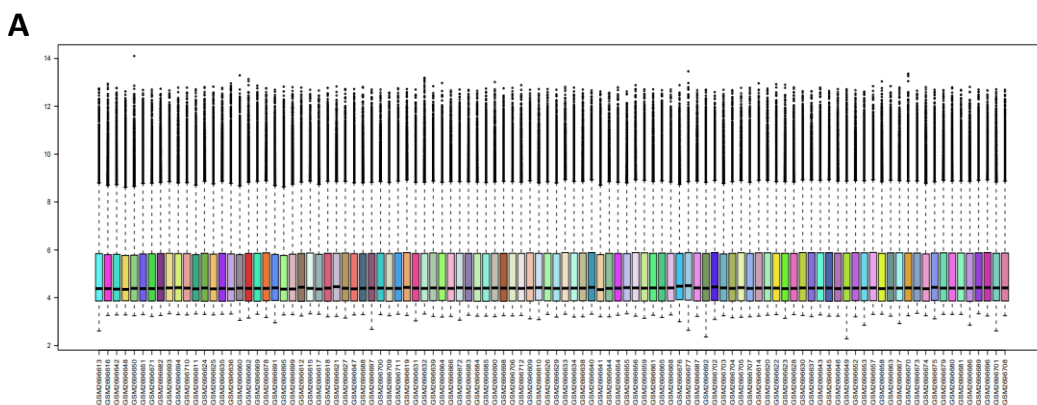
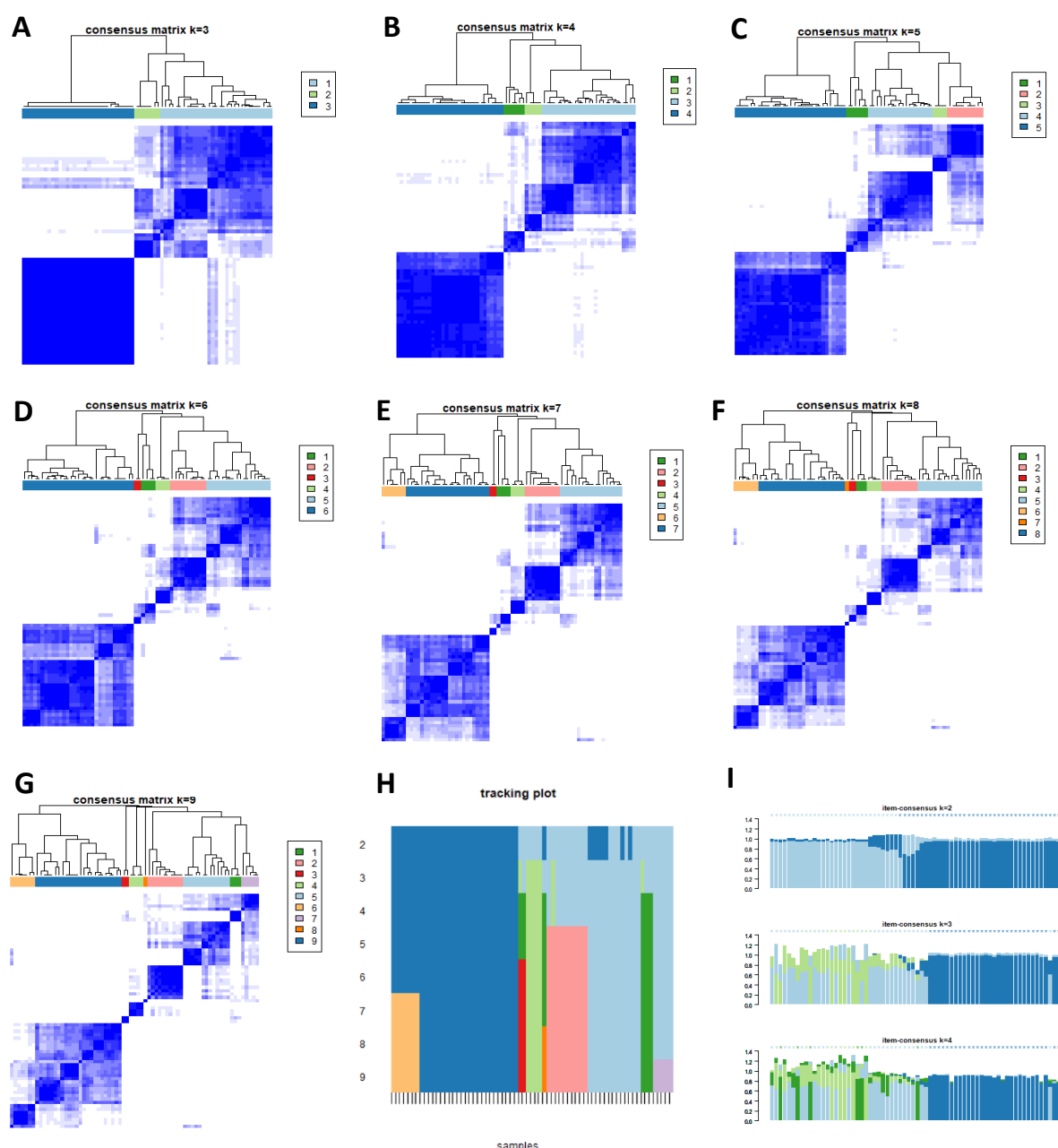
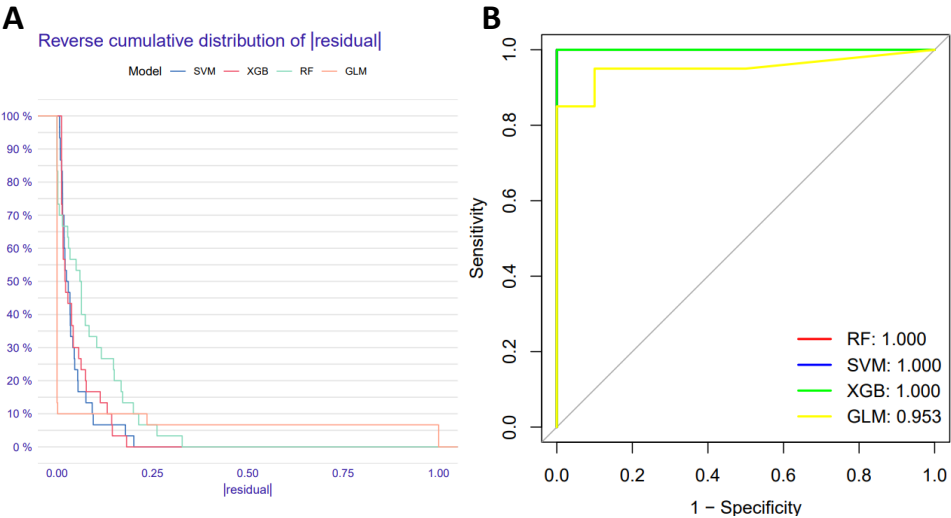




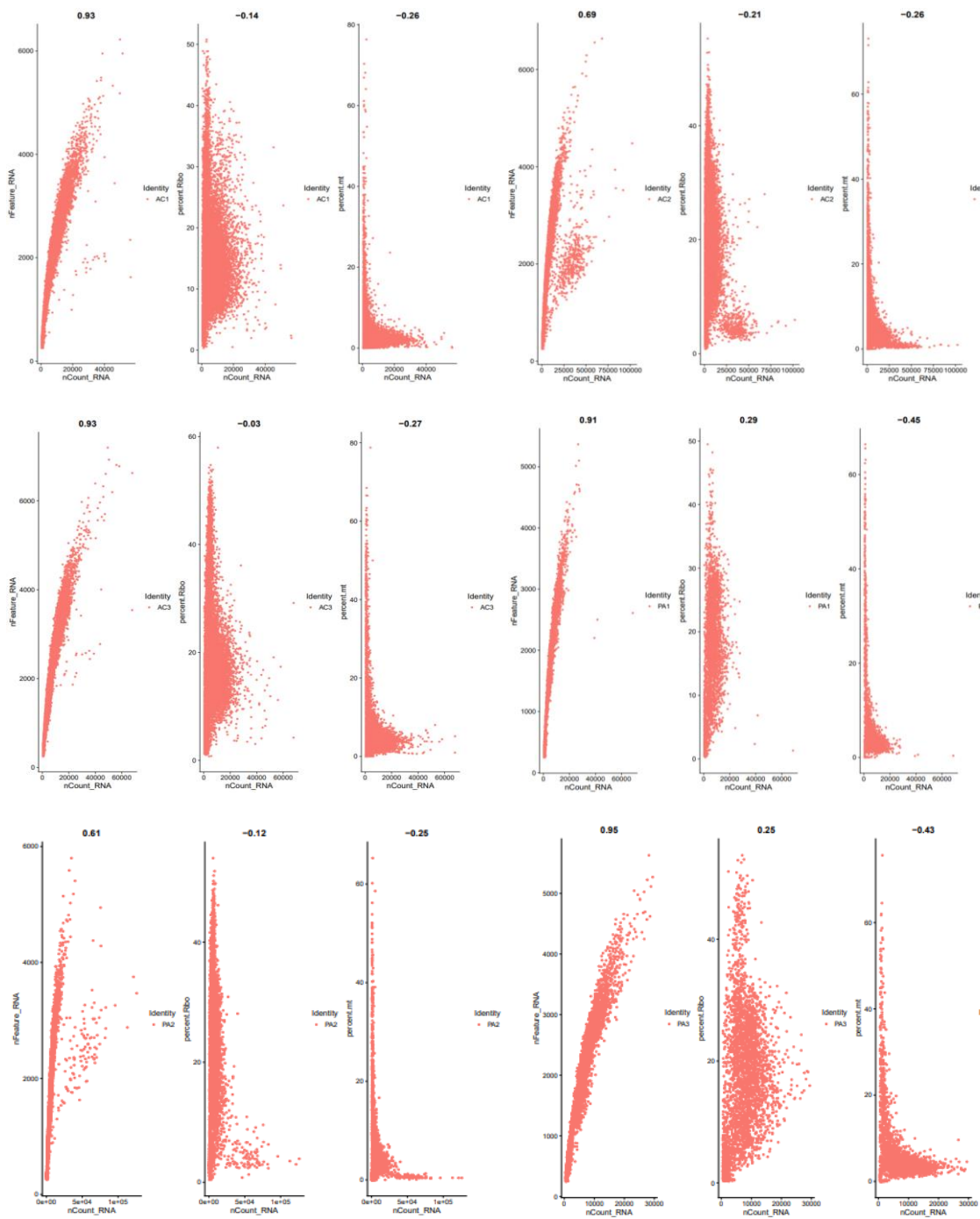
Supplementary FIGURE 1 | (A) Data before normalization processing.(B) Module feature vector clustering heat map.



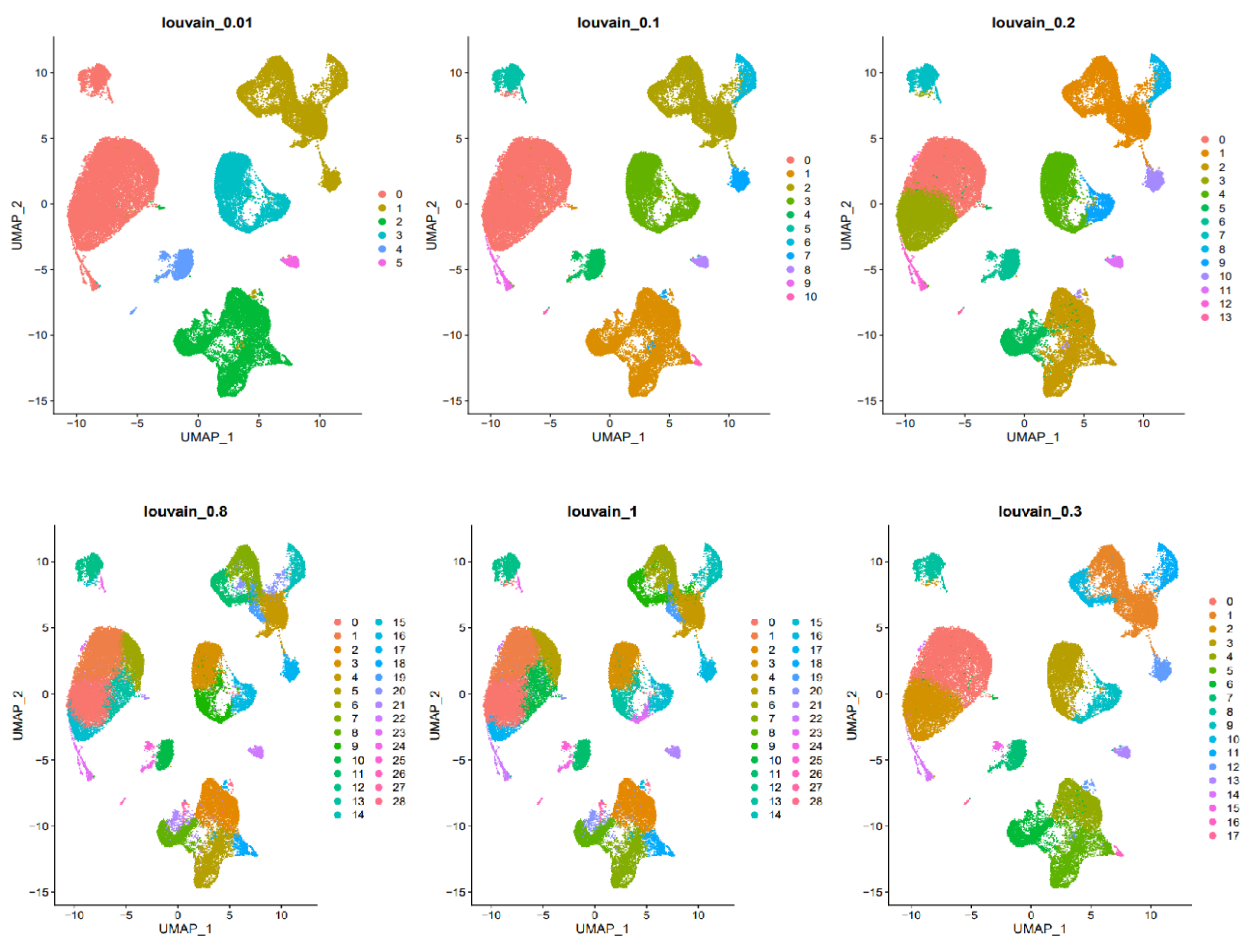
Supplementary FIGURE 2 | (A-G) The CM heat map. (H) Tracking plot. (I) Item-Consensus Plot.



Supplementary FIGURE 3 | (A) The CM heat map. **(B)** Tracking plot



Supplementary FIGURE 4 | Quality control results.



Supplementary FIGURE 5 | Grouping effect with different resolutions.