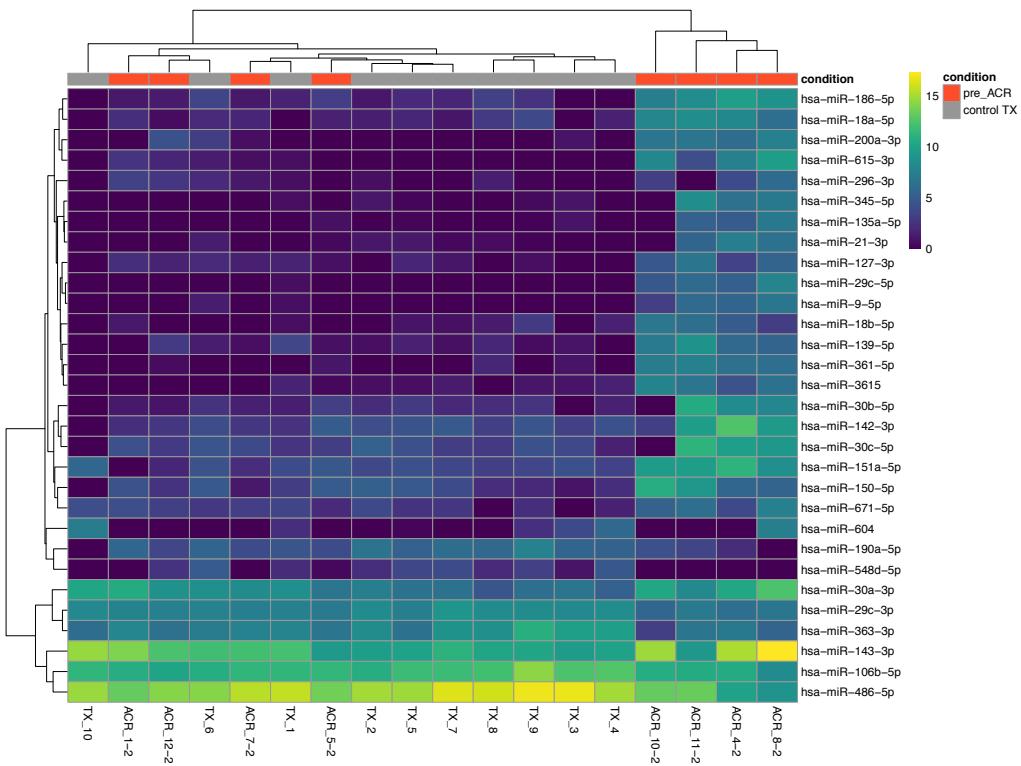
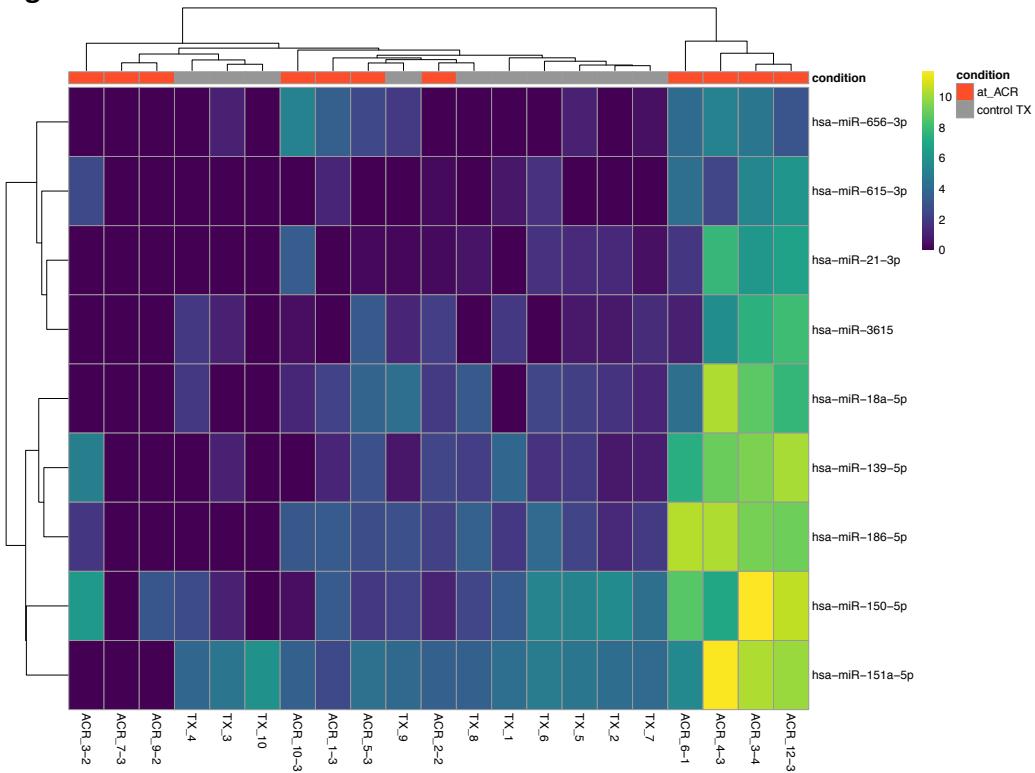


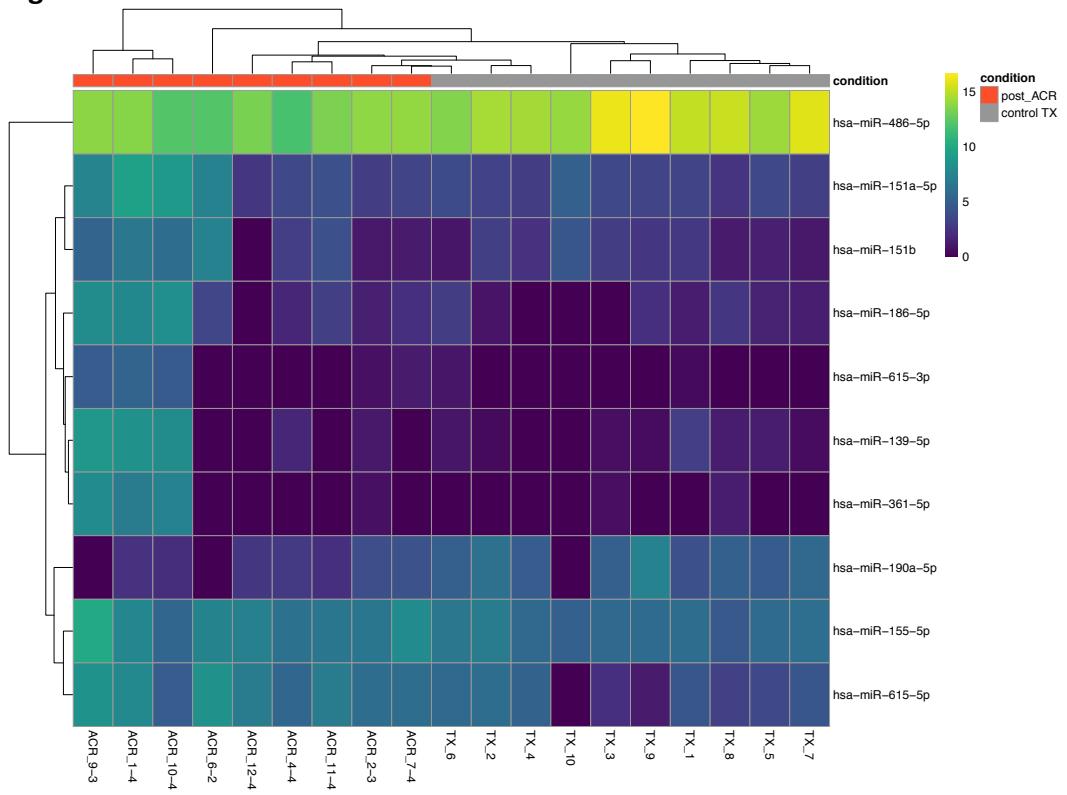
## **HEATMAPS OF DIFFERENTIALLY EXPRESSED MIRNAS**



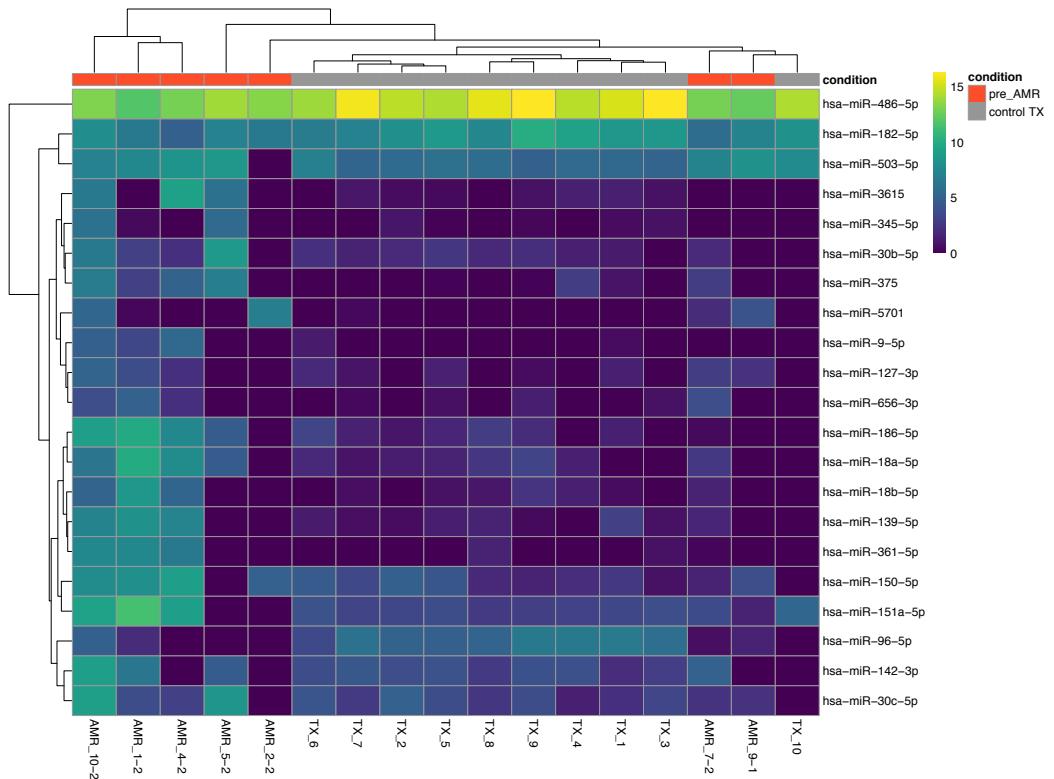
**Figure S1.A. Pre ACR vs TX**



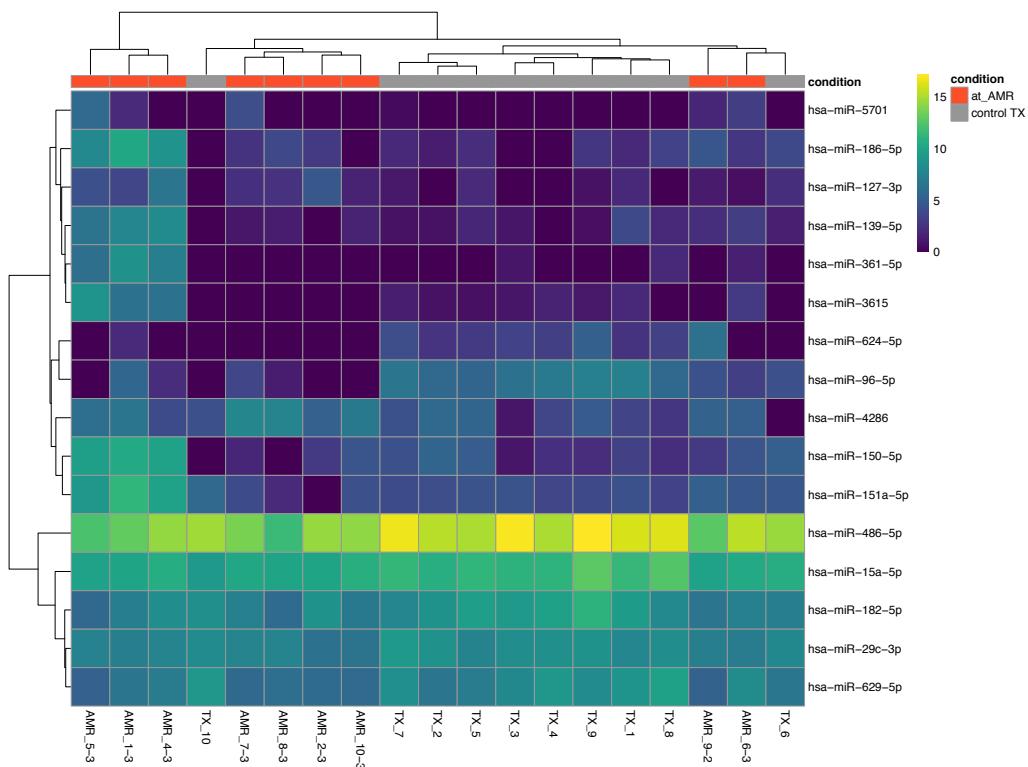
**Figure S1.B. At ACR vs. TX**



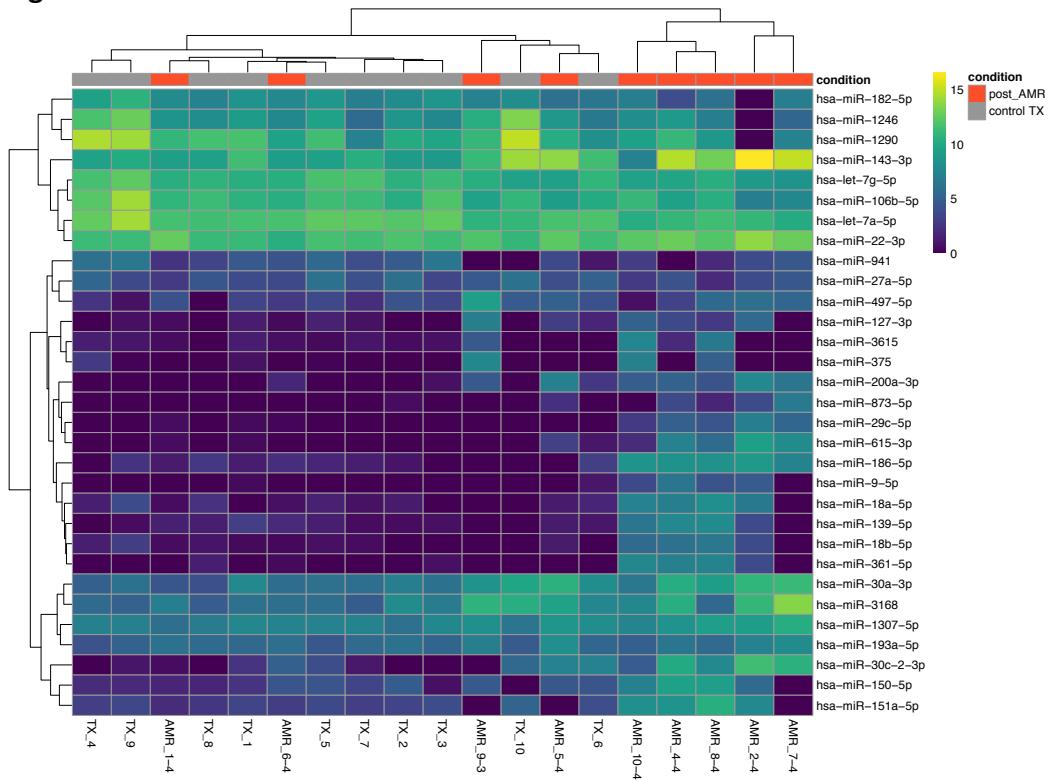
**Figure S1.C. Post ACR vs. TX**



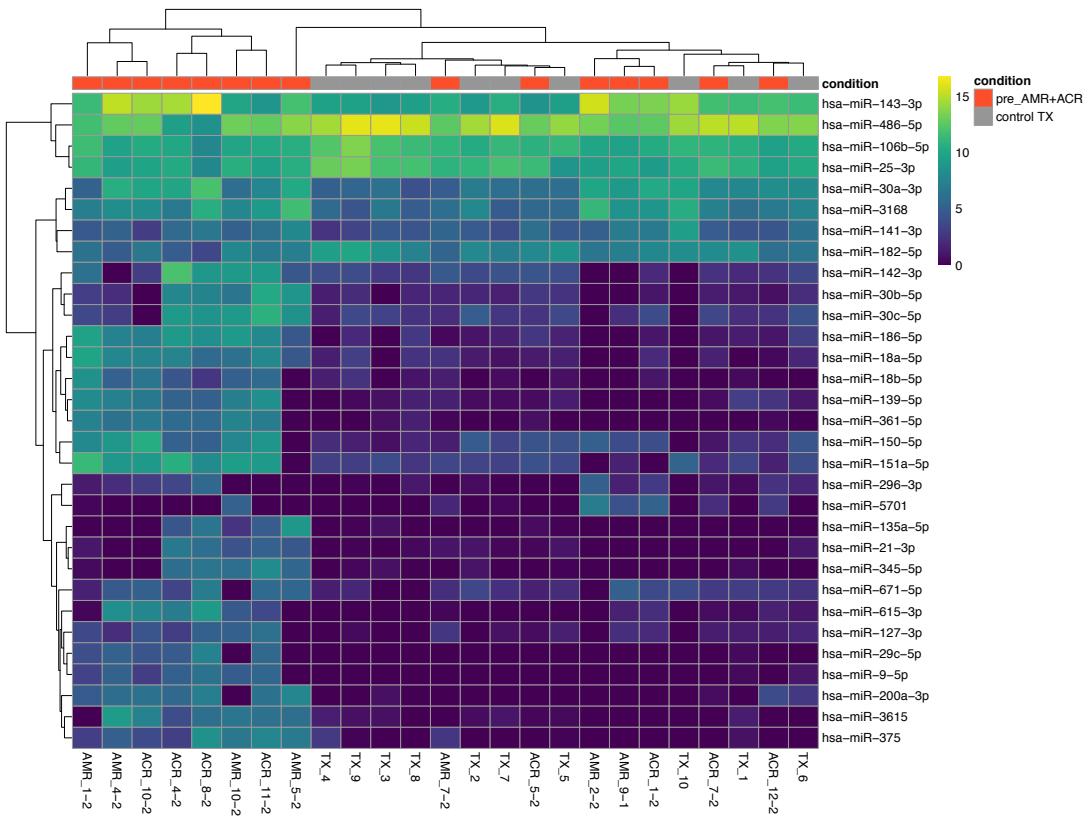
**Figure S2.A. Pre AMR vs. TX**



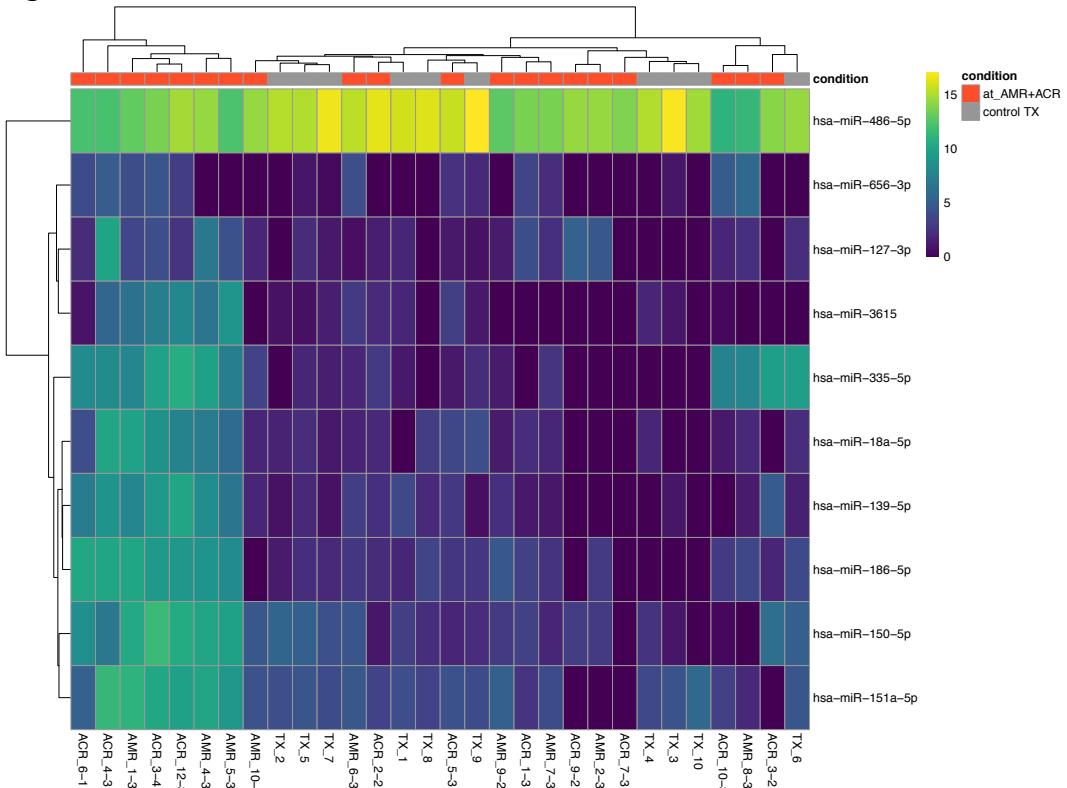
**Figure S2.B. At AMR vs. TX**



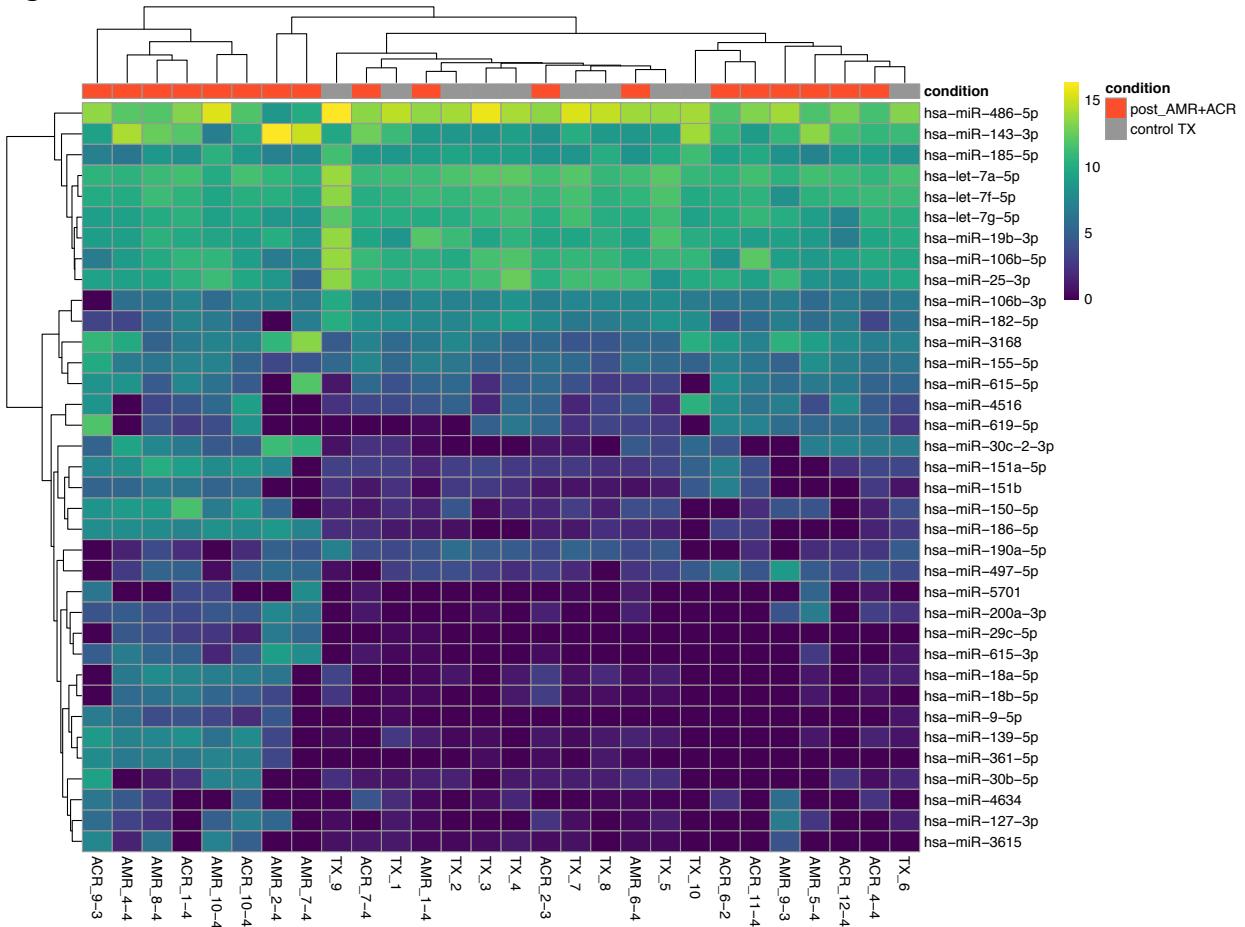
**Figure S2.C. Post AMR vs. TX**



**Figure S3.A. Pre AMR+ACR vs. TX**

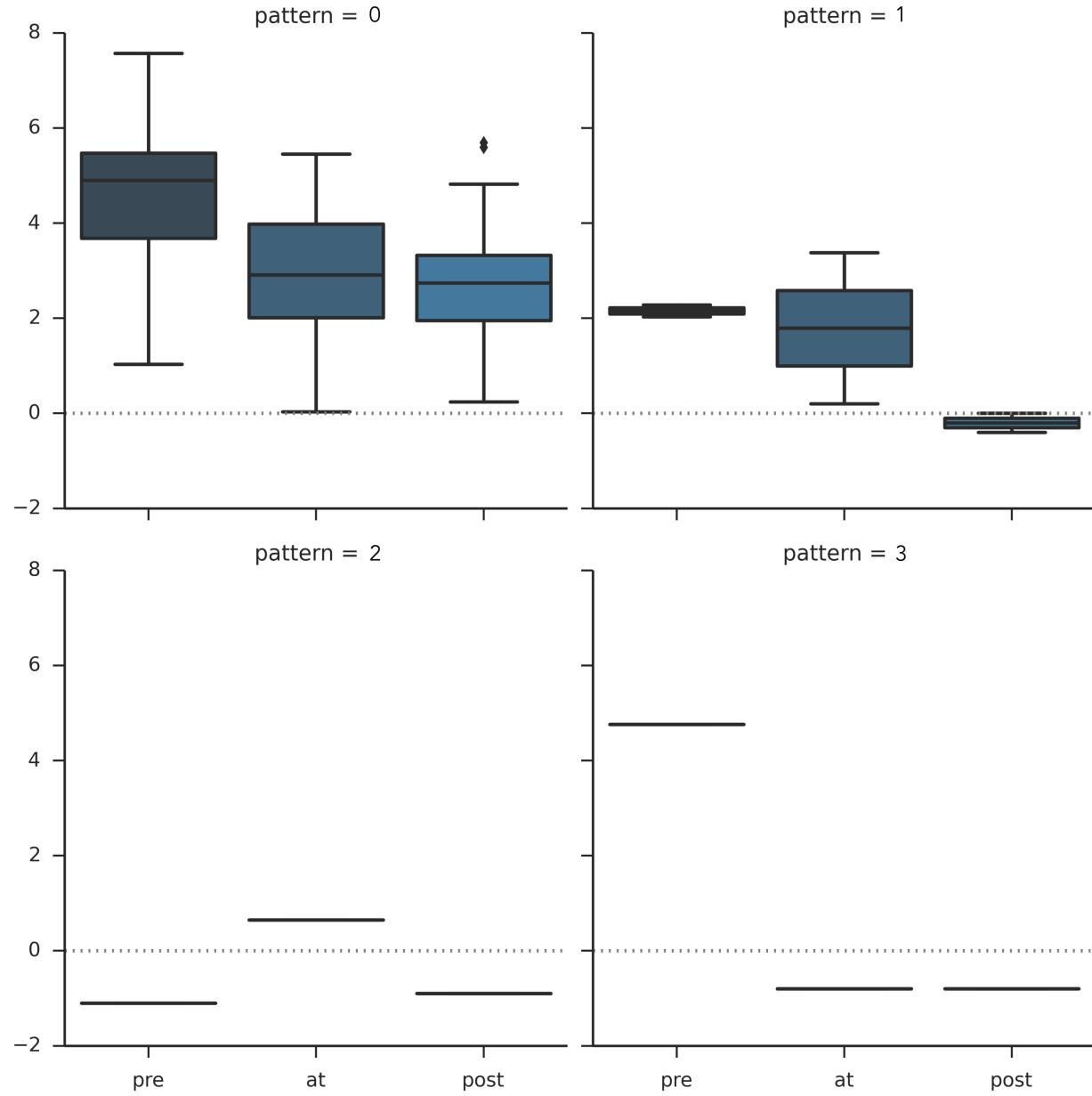


**Figure S3.B. At AMR+ACR vs. TX**

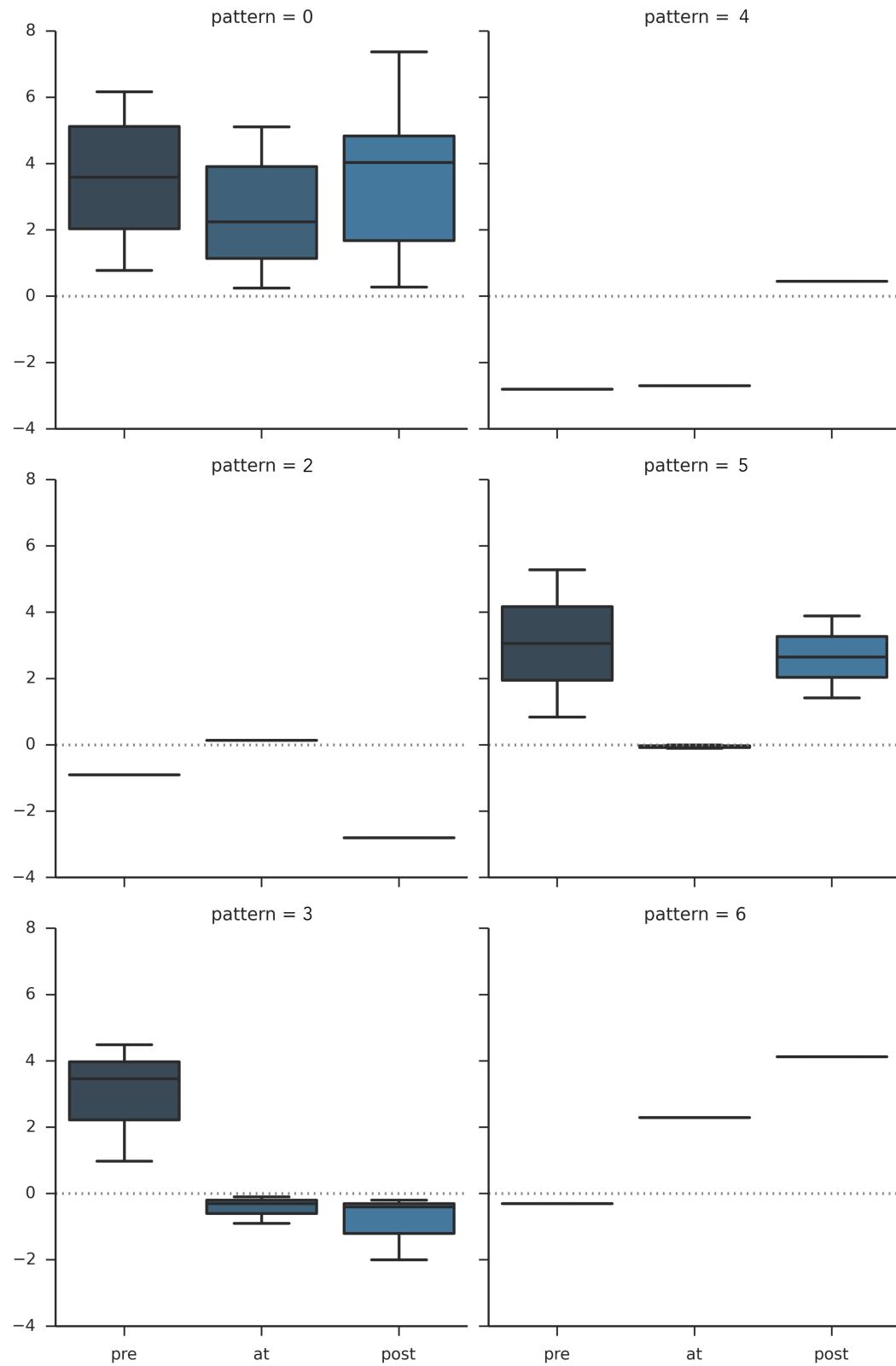


**Figure S3.C. Post AMR+ACR vs. TX**

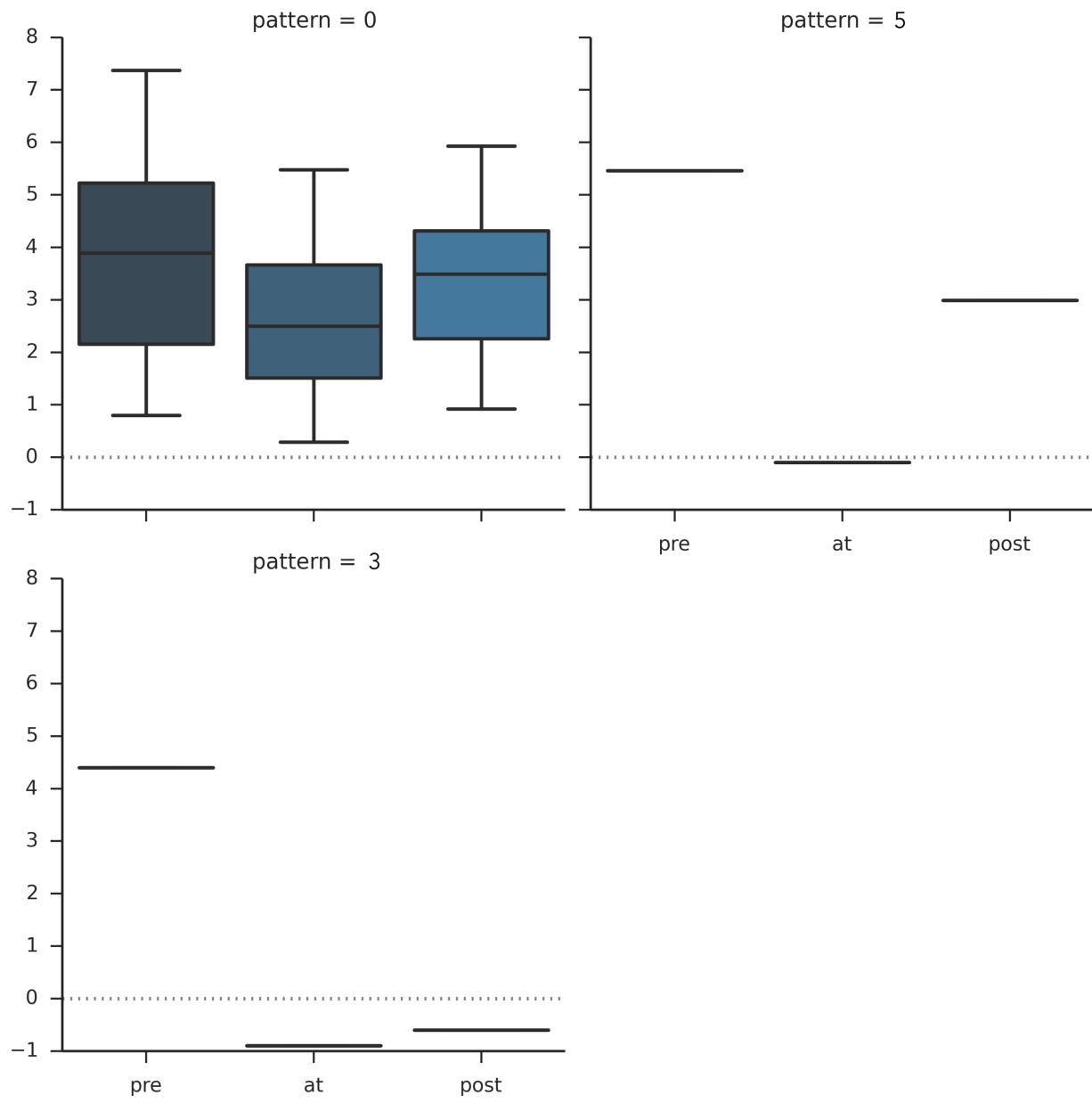
## TEMPORAL PATTERNS OF LogFC



**Figure S4.A. ACR patterns**



**Figure S4.B. AMR patterns**



**figure S4.C. AMR+ACR patterns**

## ROC CURVES – CLASSIC METHOD

### ACR

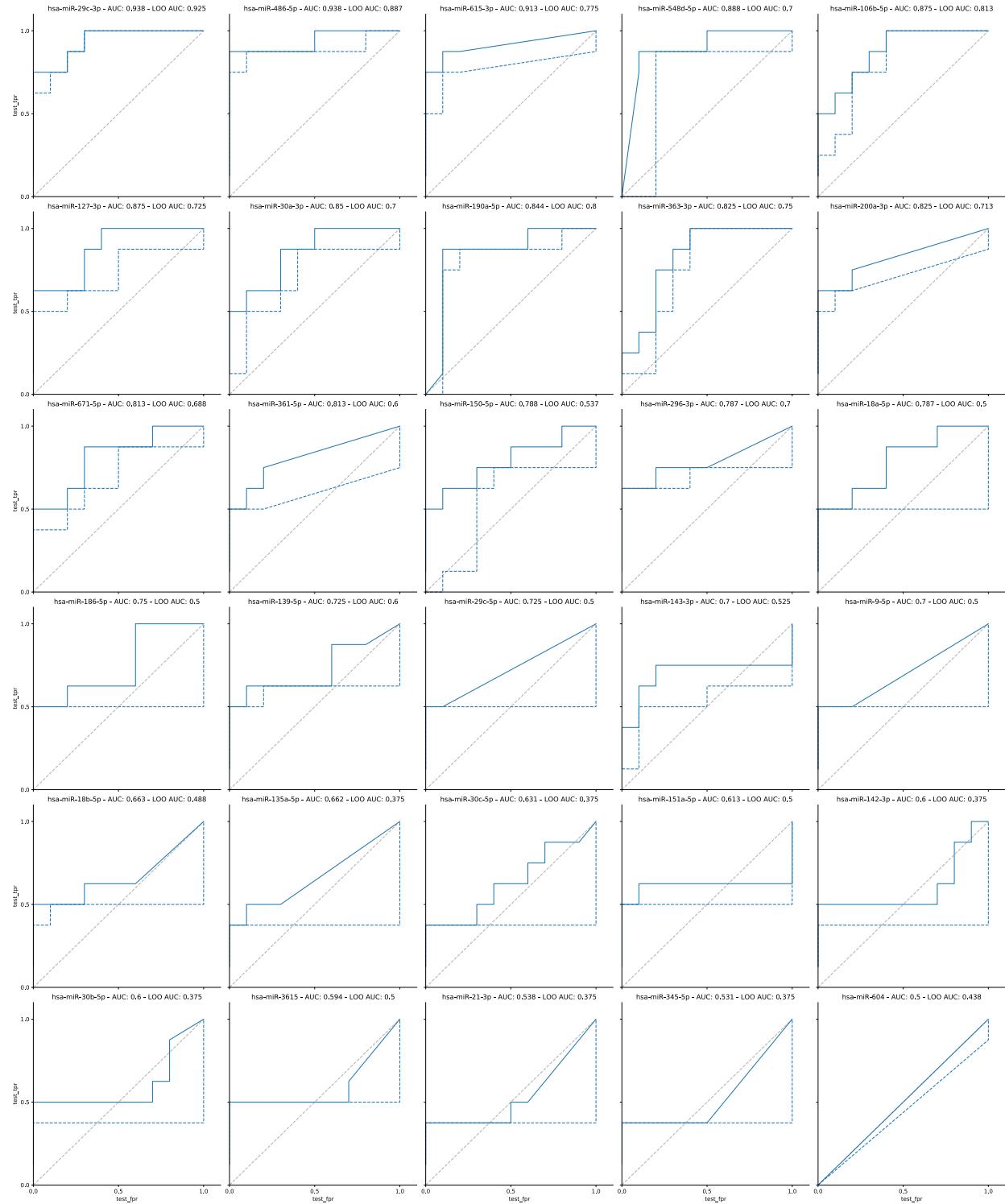
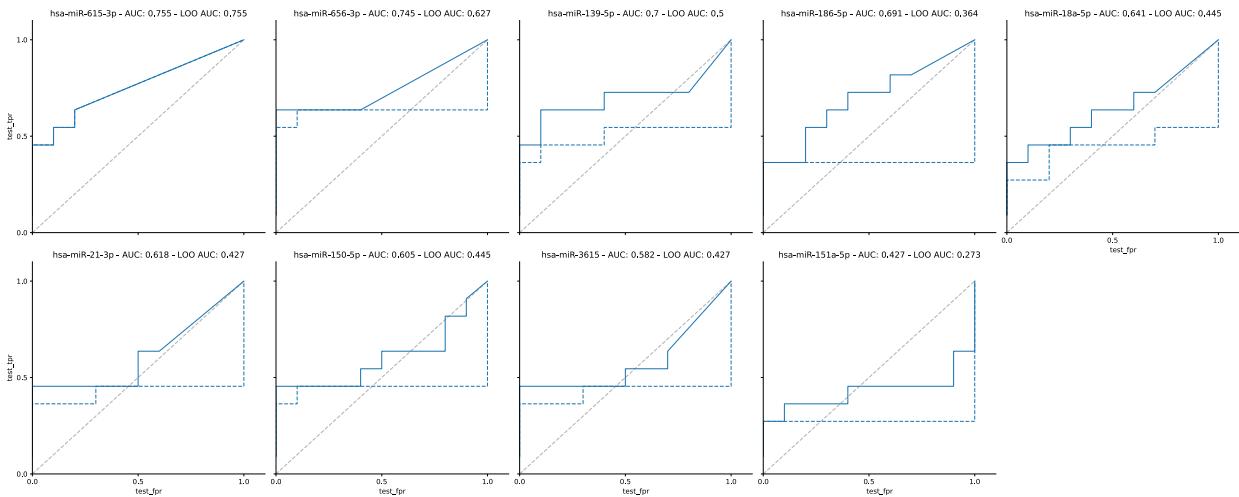
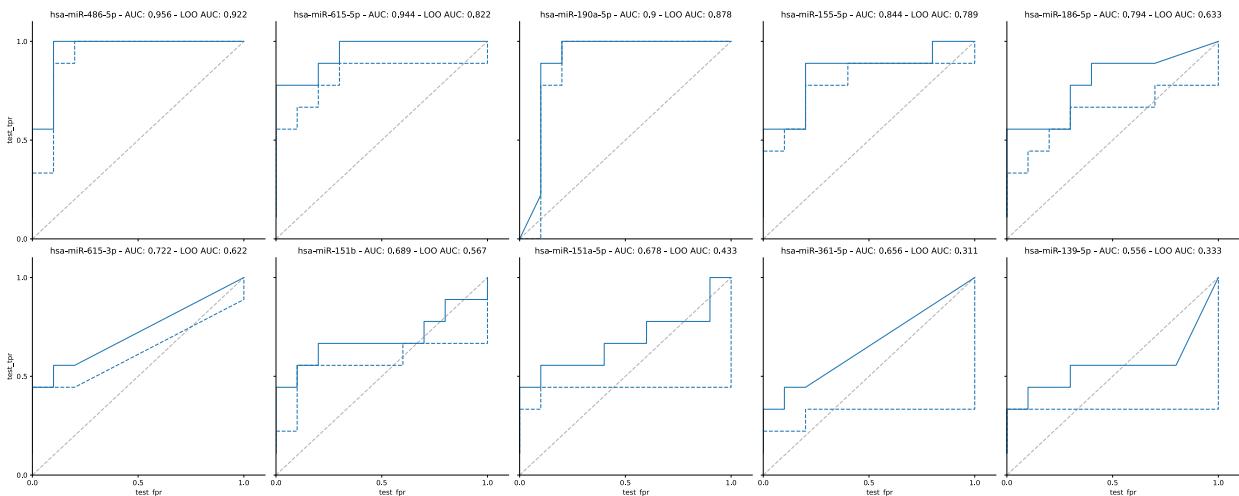


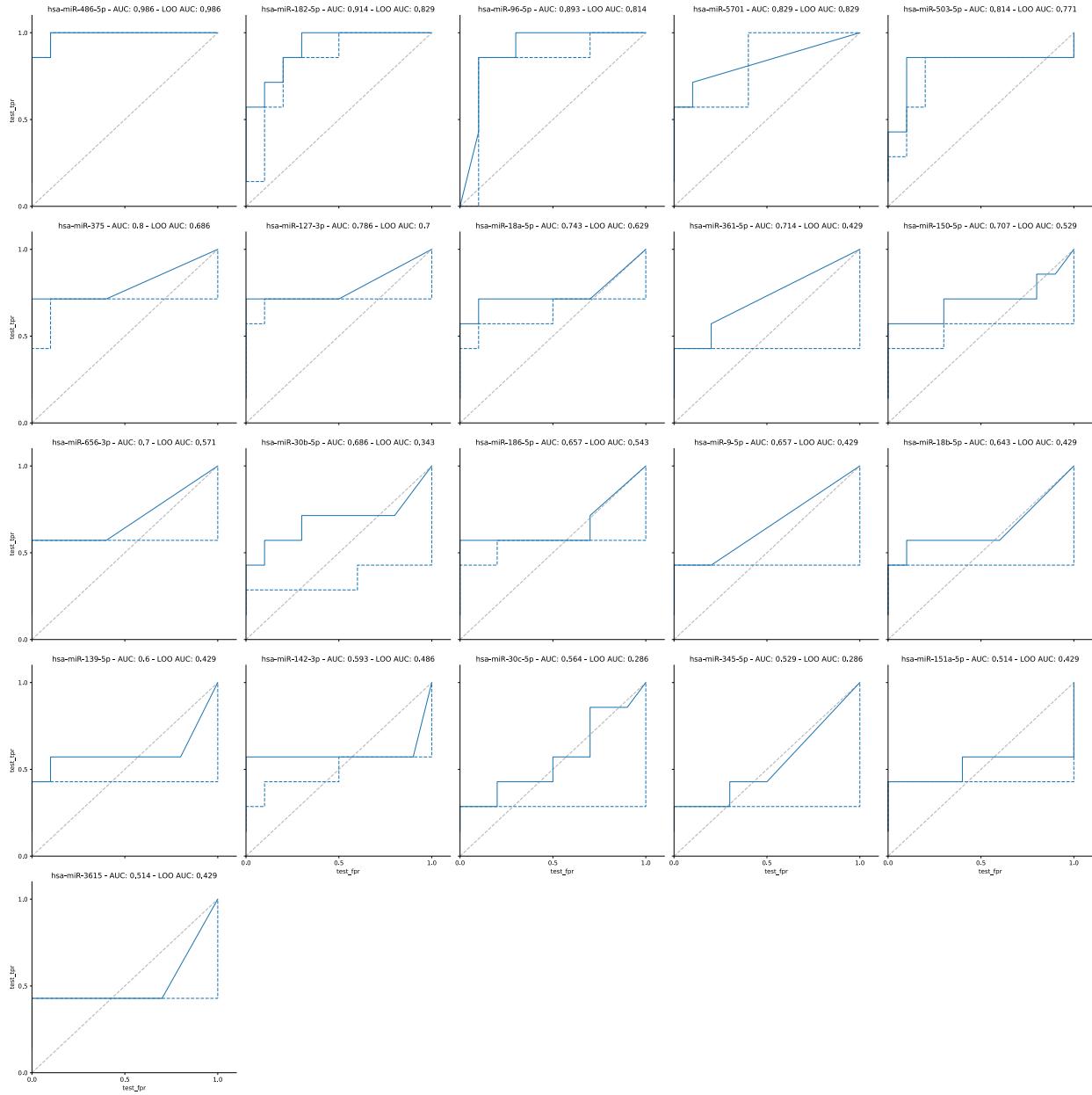
Figure S5.A. preACR



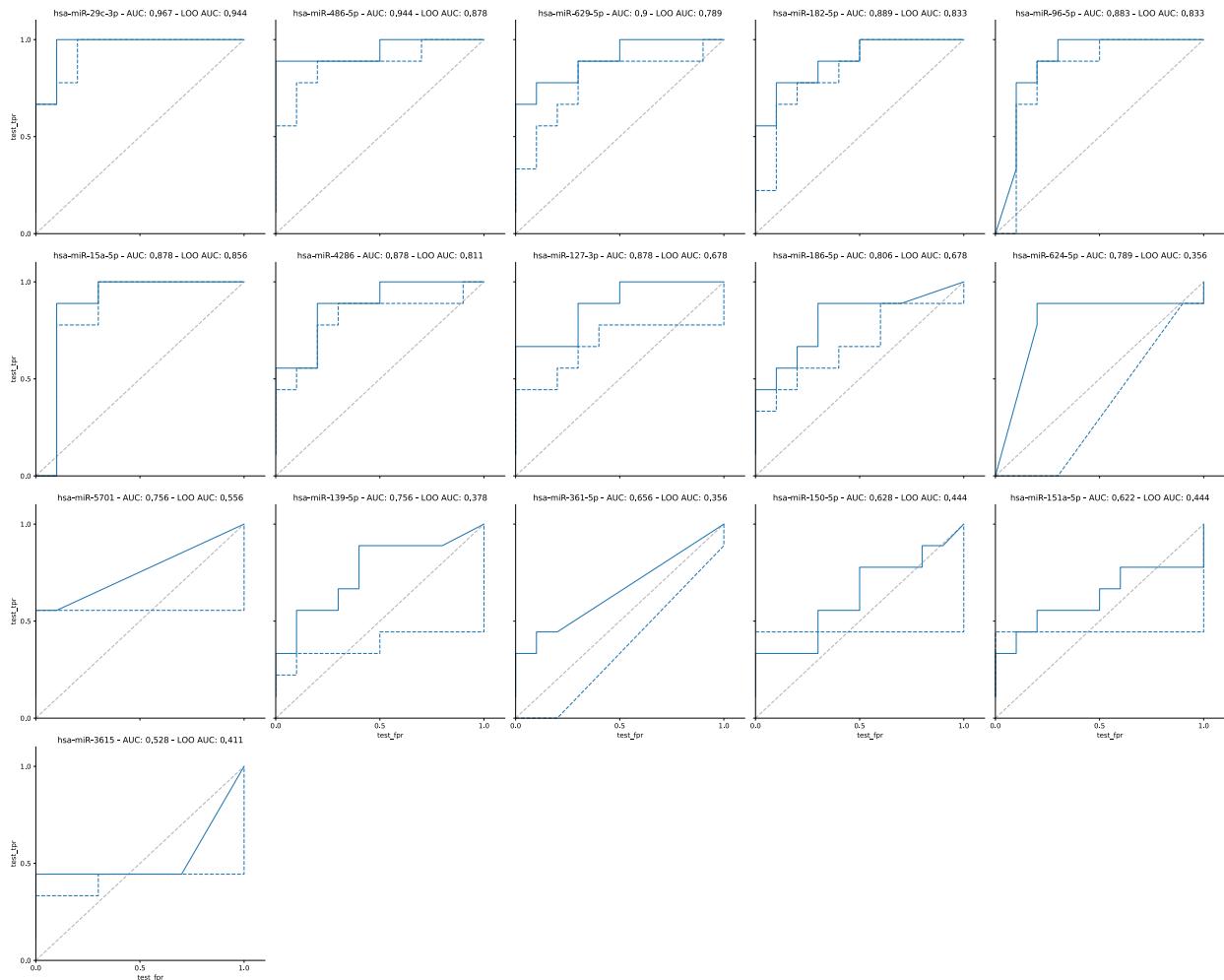
**Figure S5.B. at ACR**



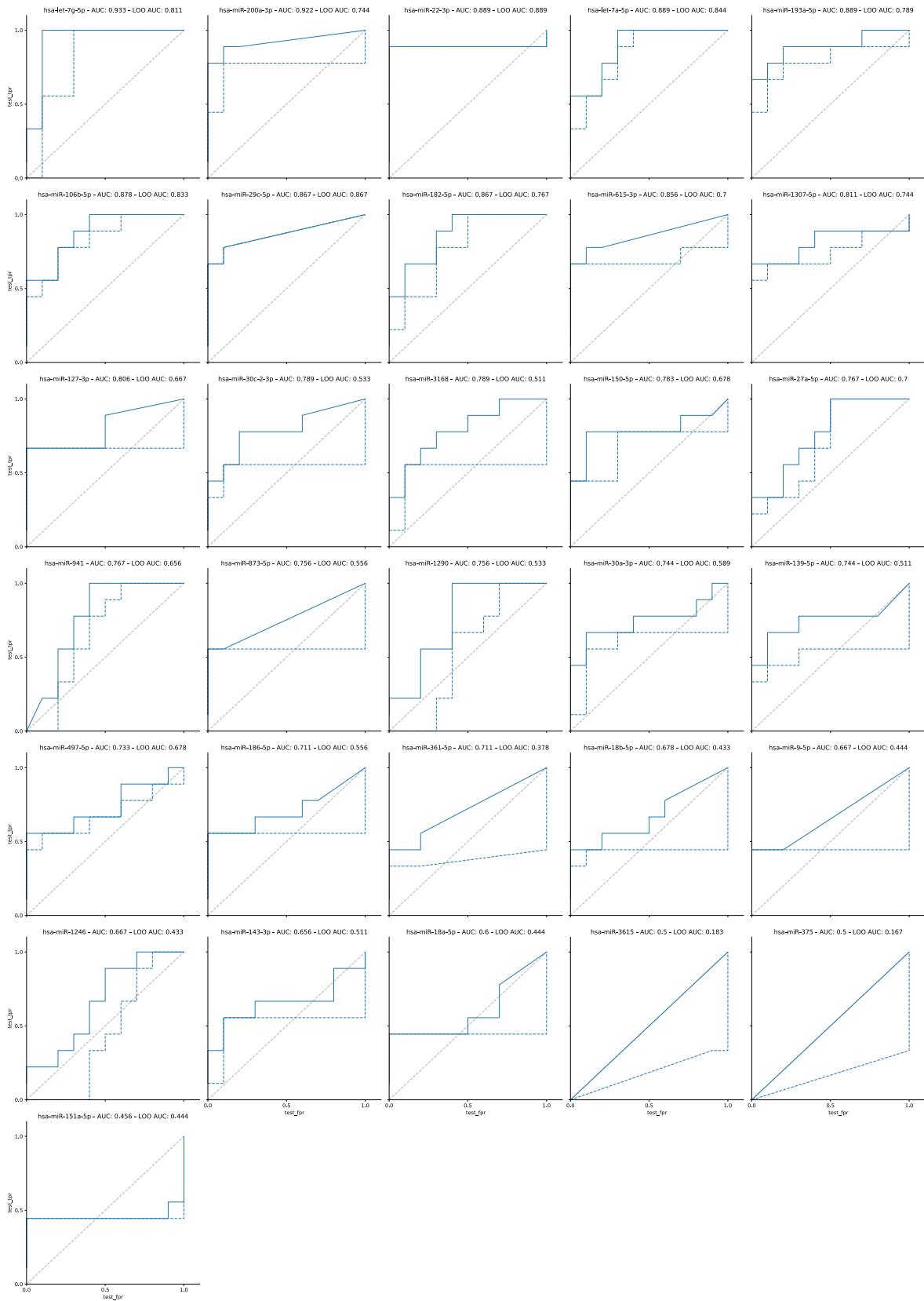
**Figure S5.C. post ACR**



**Figure S6.A. Pre AMR**



**Figure S6.B. At AMR**



**Figure S6.C. Post AMR**

## AMR+ACR

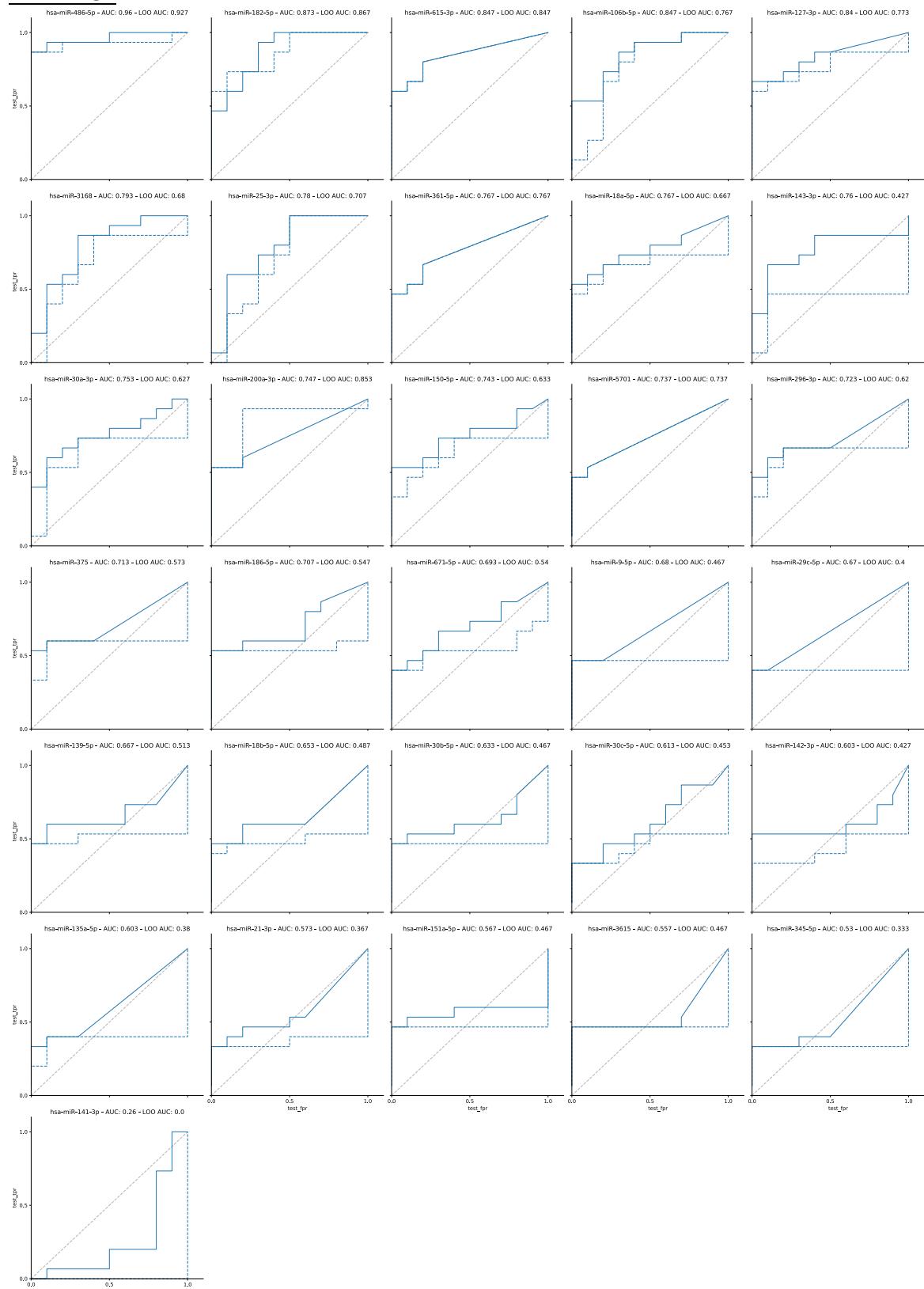
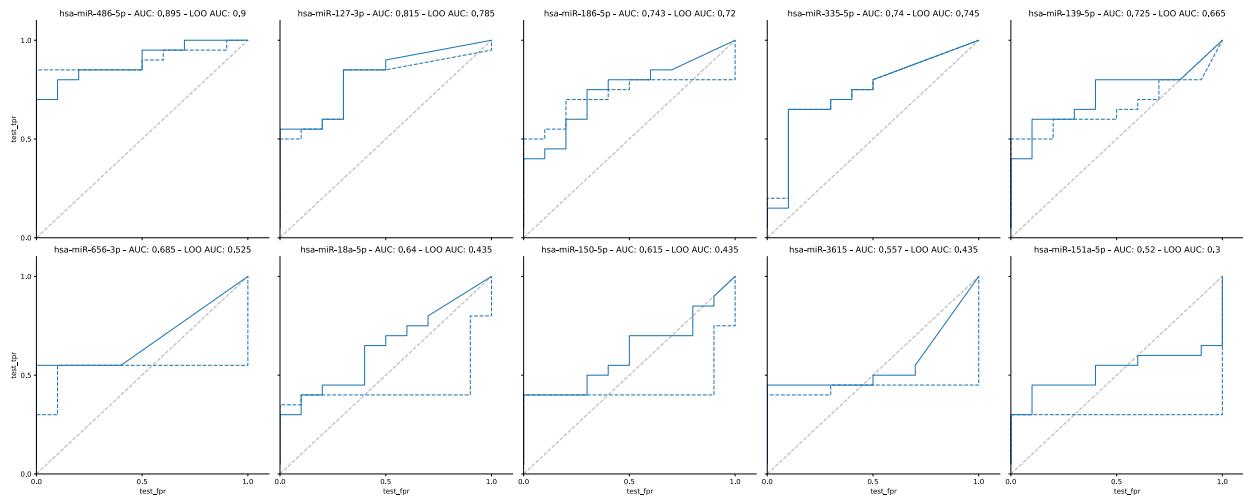


Figure S7.A. pre ACR+AMR



**Figure S7.B. at ACR+AMR**



## ROC CURVES – Logistic Regression with LEAVE ONE OUT using all features

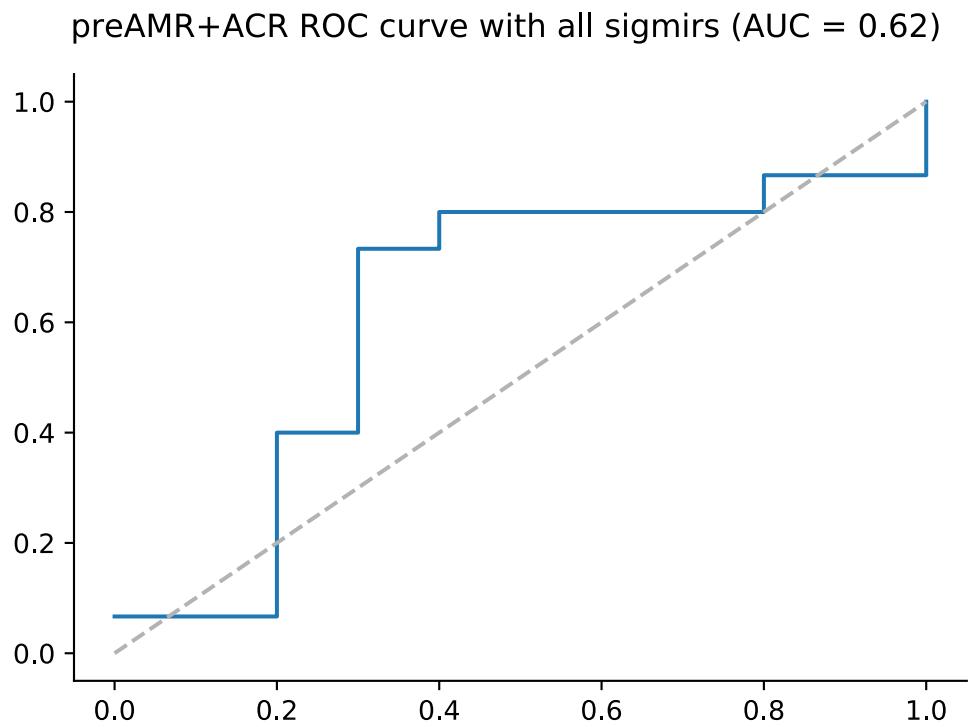
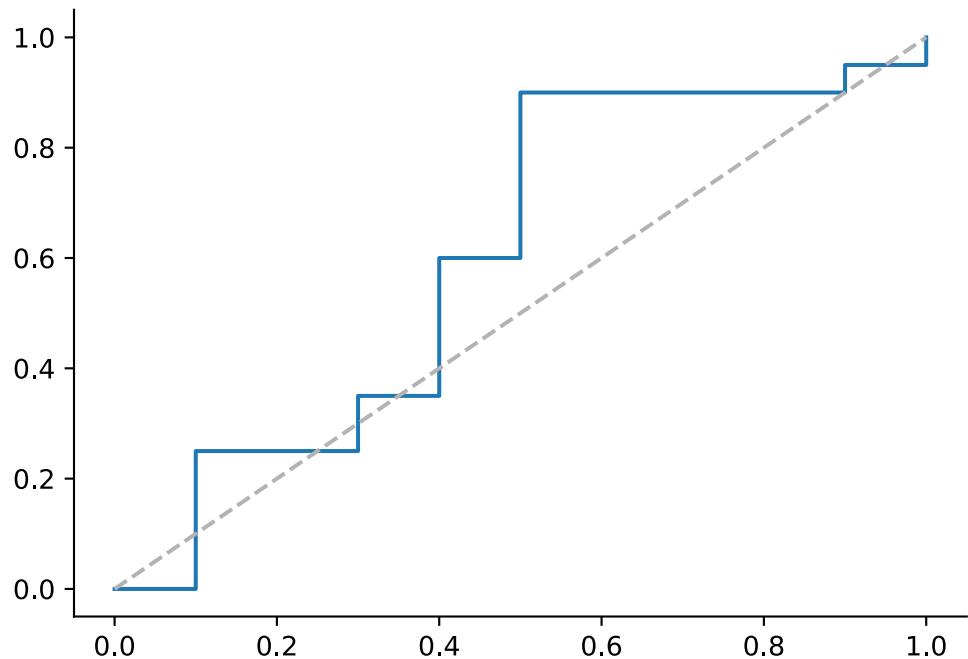


Figure S8.A. ROC curve, all sigmirs AMR+ACR before rejection

atAMR+ACR ROC curve with all sigmirs (AUC = 0.6)



**Figure S8.B. ROC curve, all sigmirs AMR+ACR before rejection**

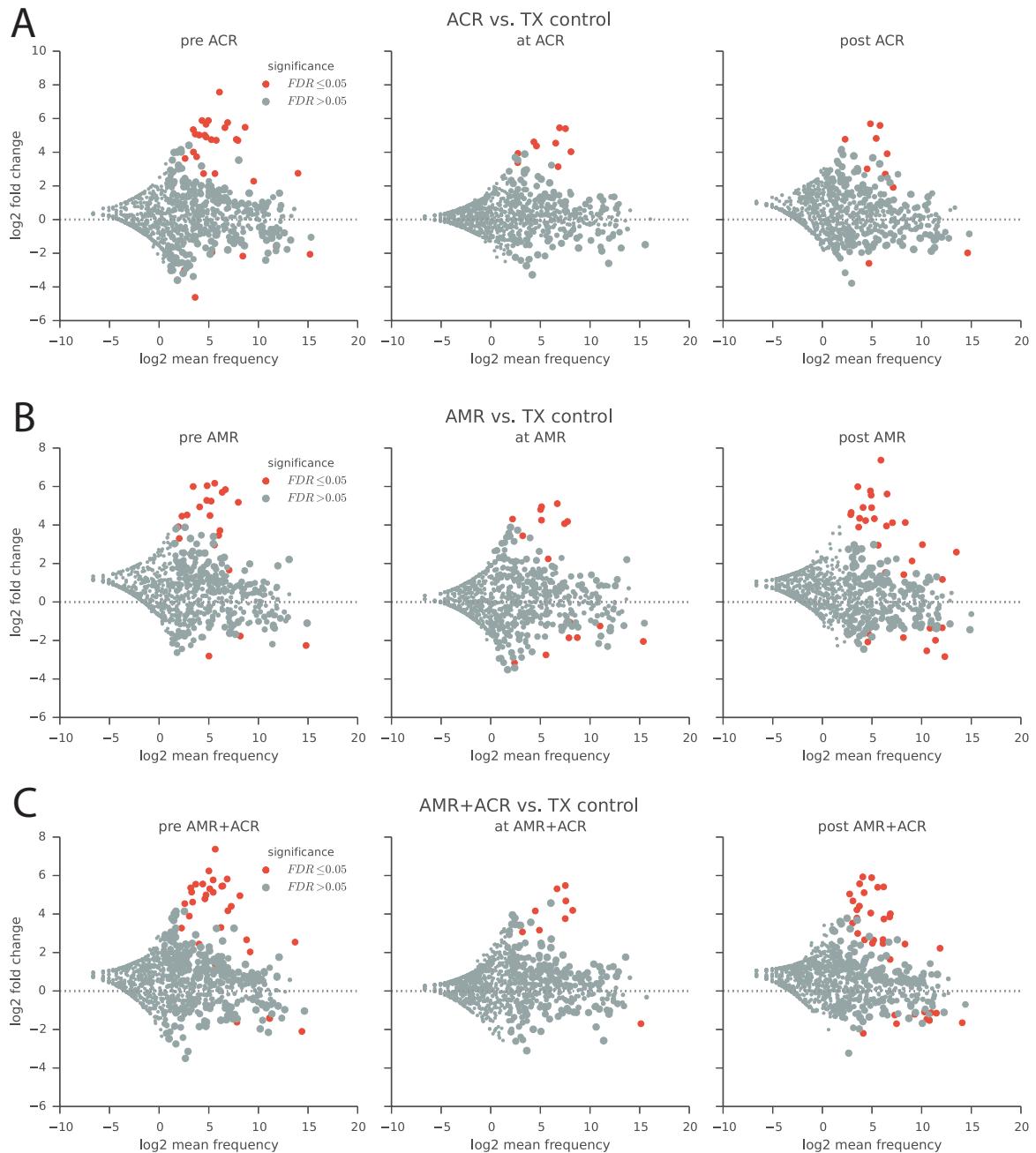


Figure S9. Significant miRNA abundances