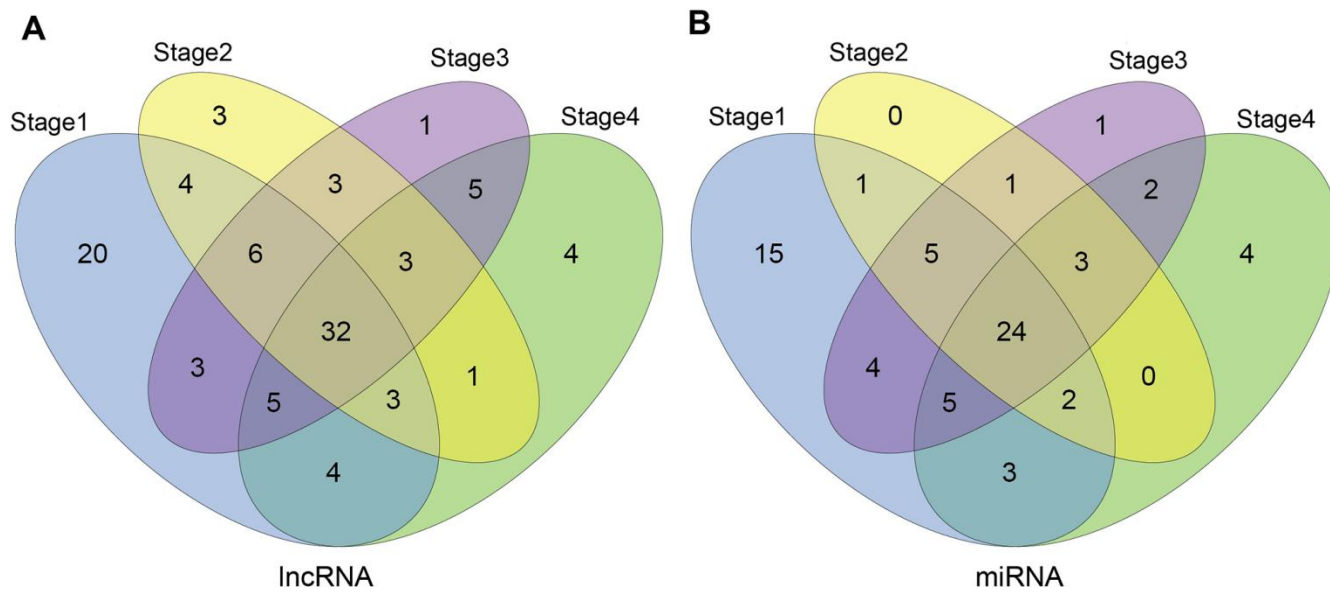
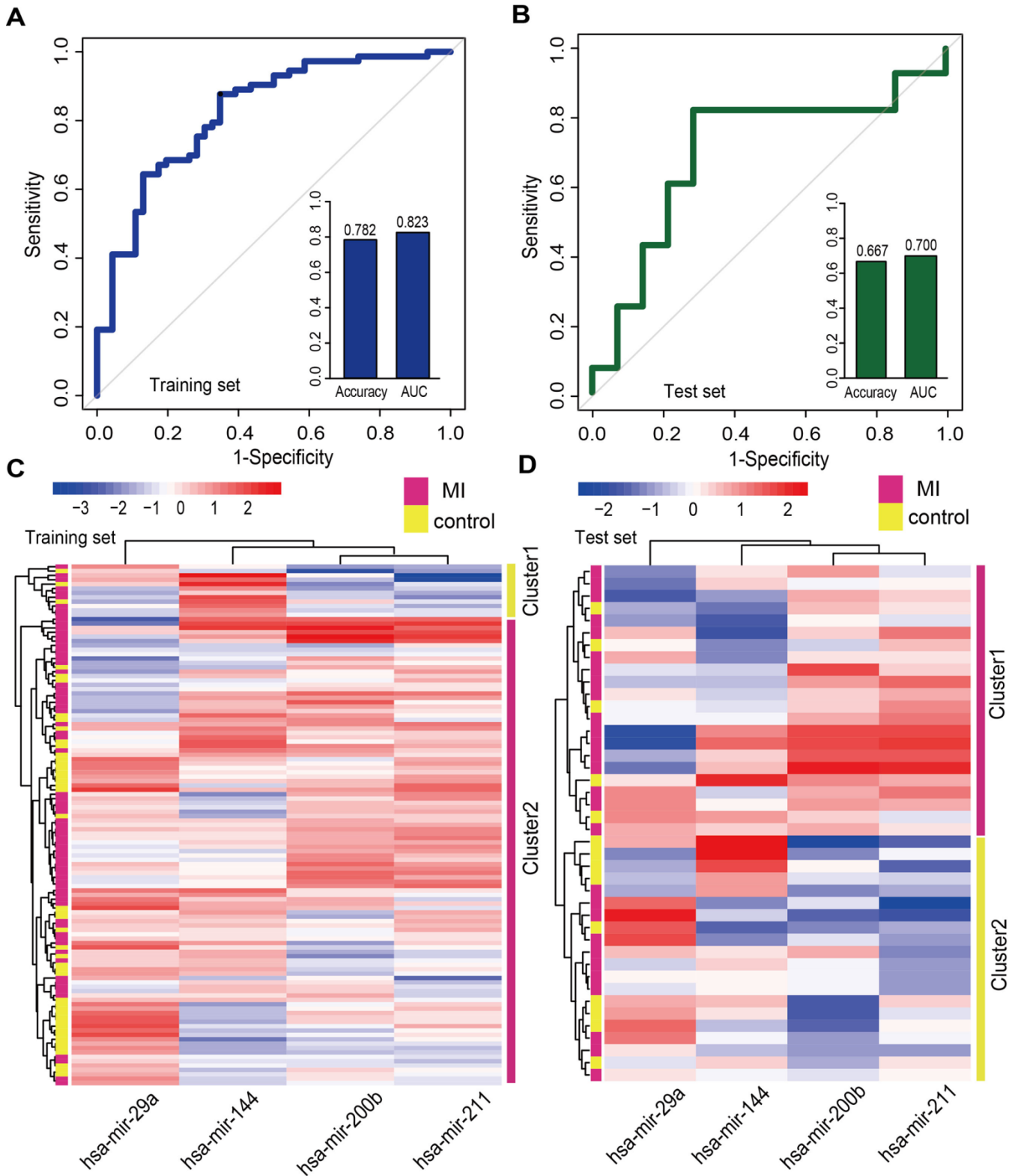


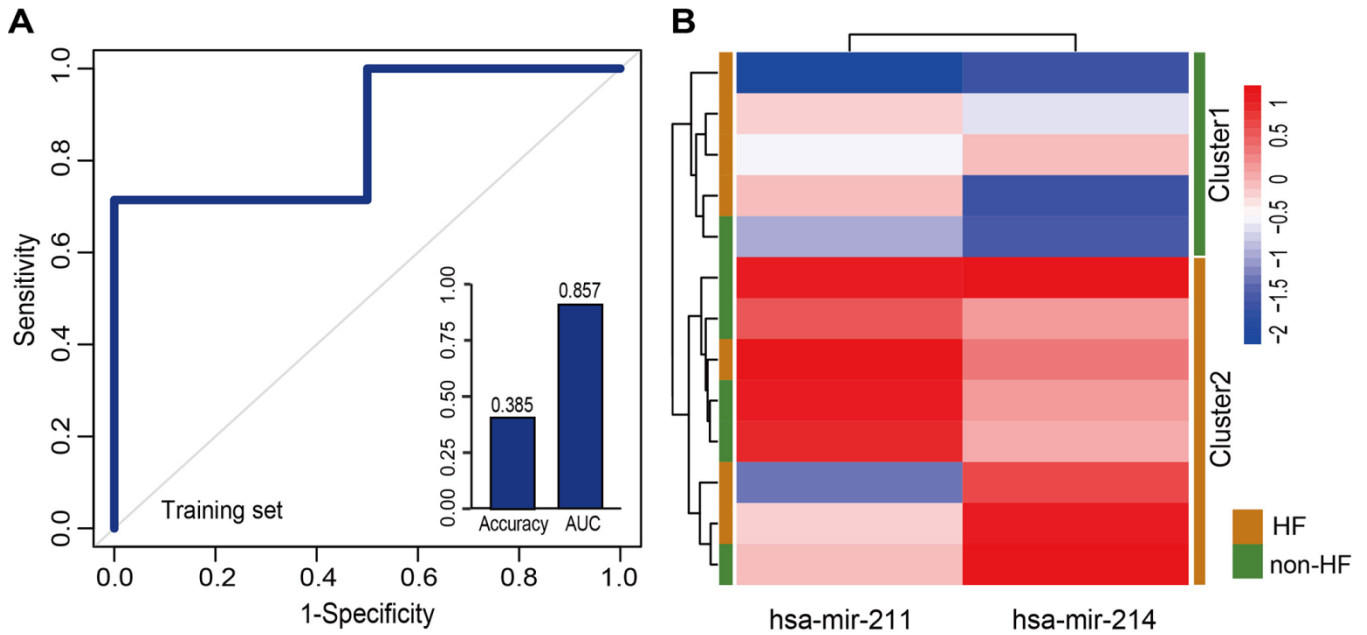
SUPPLEMENTARY FIGURES



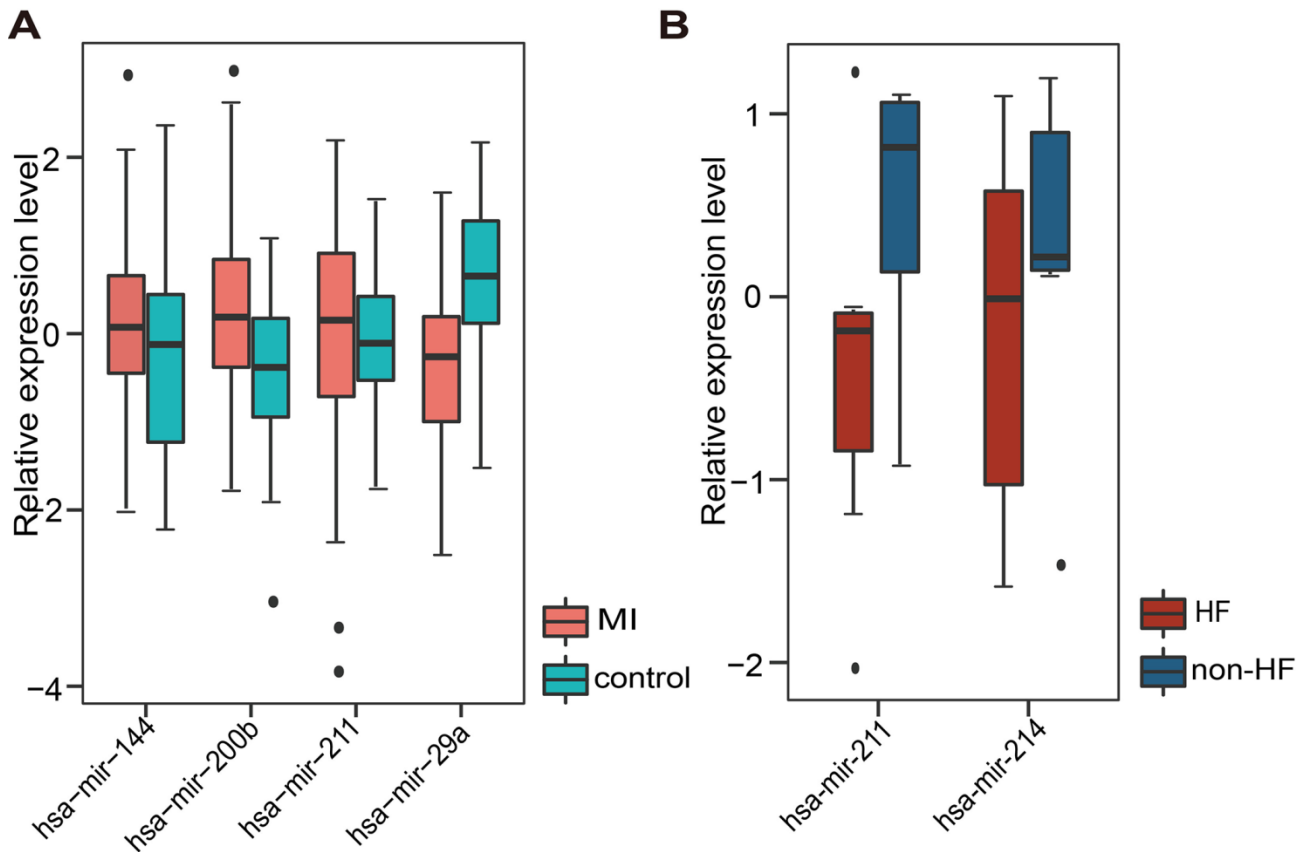
Supplementary Figure 1. Venn diagram of lncRNAs (A) and miRNAs (B) in dysregulated lmiRM-CTs at four stages during MI progression.



Supplementary Figure 2. Classification performance of miRNA biomarkers for MI diagnosis based on 5-fold cross-validation analysis. Performance evaluation of the 4 diagnostic miRNAs biomarkers in the training (A) and test (B) sets. Hierarchical clustering heatmap of the expression profiles of the 4 miRNAs in (C) the training set (119 samples), and (D) the test set (42 samples).



Supplementary Figure 3. Classification performance of miRNA biomarkers for MI prognosis based on 5-fold cross-validation analysis. (A) Performance evaluation of the 2 prognostic miRNA biomarkers in the training set. (B) Hierarchical clustering heat map of 13 samples based on expression profiles of the 2 miRNAs in the training set.



Supplementary Figure 4. Expression levels of diagnostic and prognostic miRNA biomarkers in MI. (A) Relative expression of 4 SDE miRNAs in MI and control samples. (B) Relative expression of 2 SDE miRNAs in HF and non-HF samples.