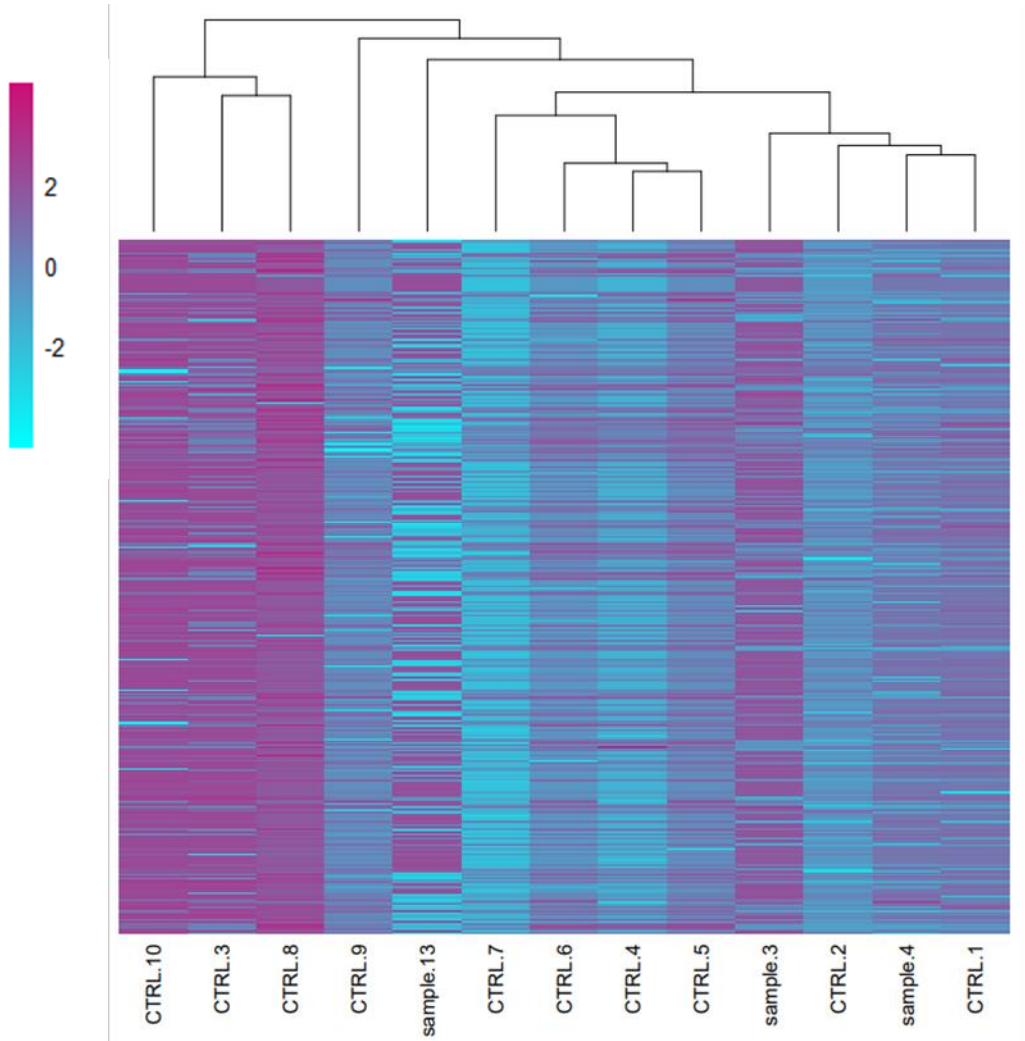
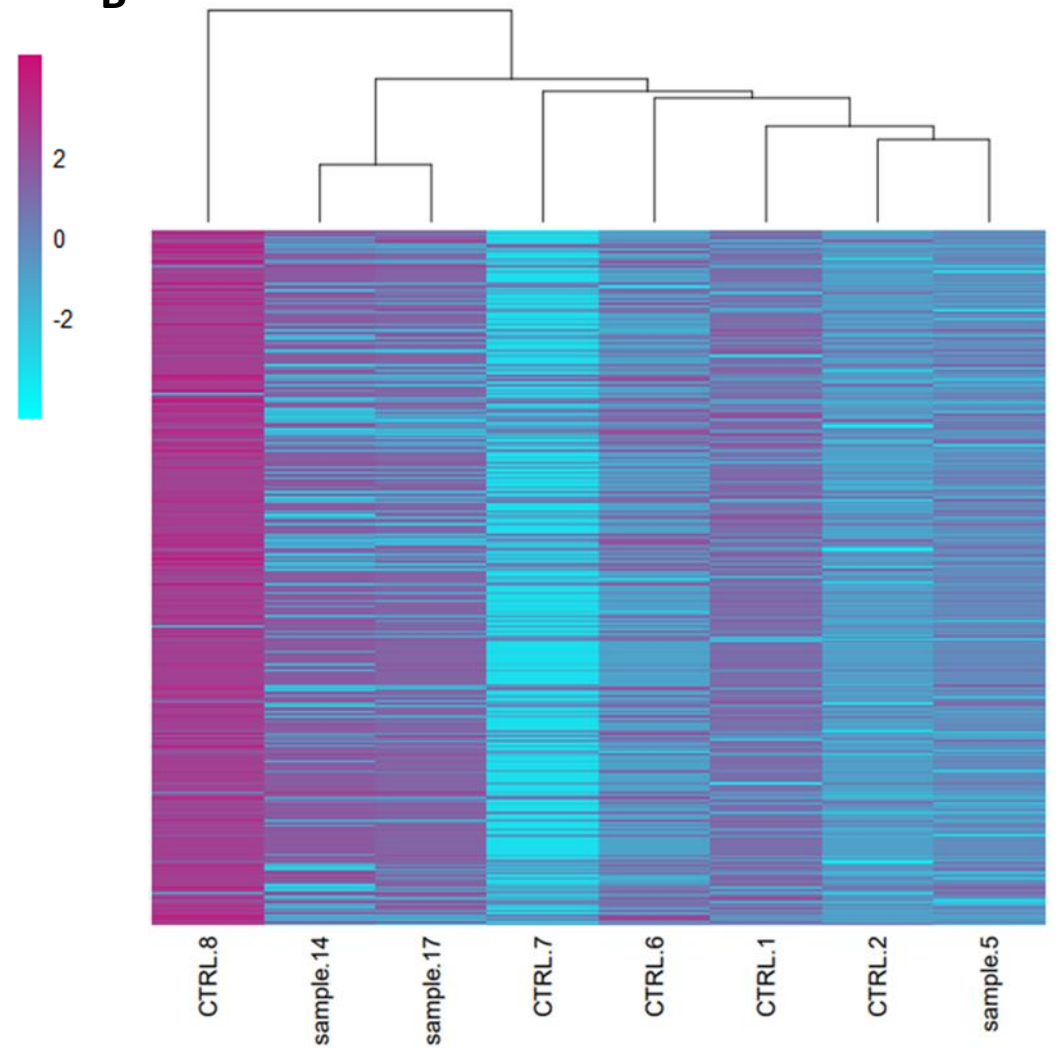


**A**

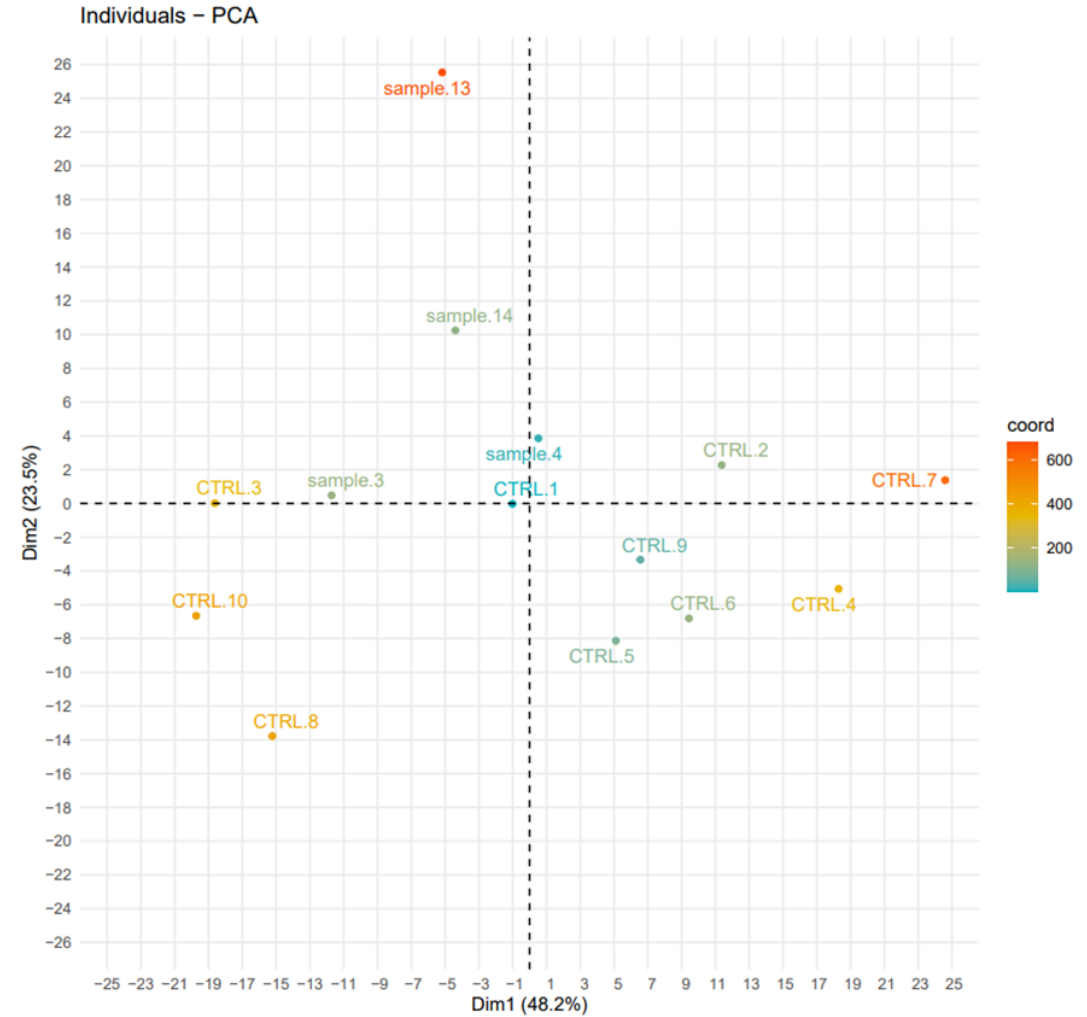
Heat map analysis of circulating miRNAs in moderate AIS vs HC

**B**

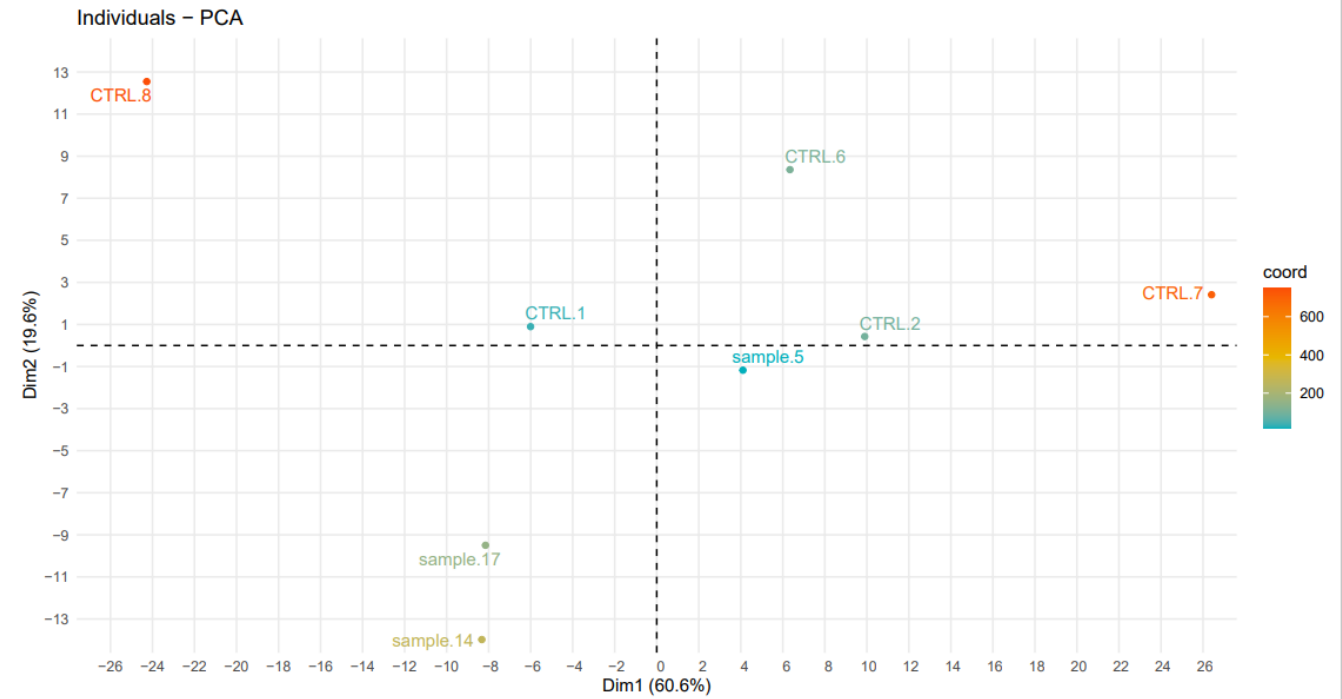
Heat map analysis of circulating miRNAs in severe male AIS vs males HC

**Supplementary Figure 3** Heat map diagram shows cluster analysis of differentially expressed miRNAs. The colors represent the expression values of differentially expressed miRNAs. Sample names are listed in the horizontal axis. Axis represents the clustering of miRNAs.

C



D



**Supplementary Figure 2.** PCA\_plot analysis of differentially expressed miRNAs in moderate AIS vs HC (C) and in severe male AIS vs males HC (D).