Supplementary Material

## Supplementary Figures

C:\Users\11566\Desktop\liyuewei\文章图\S1.tifS1

**Supplementary Figure 1.** Investigation of the relationship between the hub genes and DE-MFRGs. (A) Heatmap displayed the expression of the DE-MFRGs. (B) Heatmap indicating the correlation between the hub genes and DE-MFRGs.

Supplemental Figure2

**Supplementary Figure 2.** Histological staining of aortic valve in *ApoE-/-* mice. Hematoxylin and eosin (HE), oil red O and Masson staining of atherosclerotic plaques in *ApoE-/-* mice.