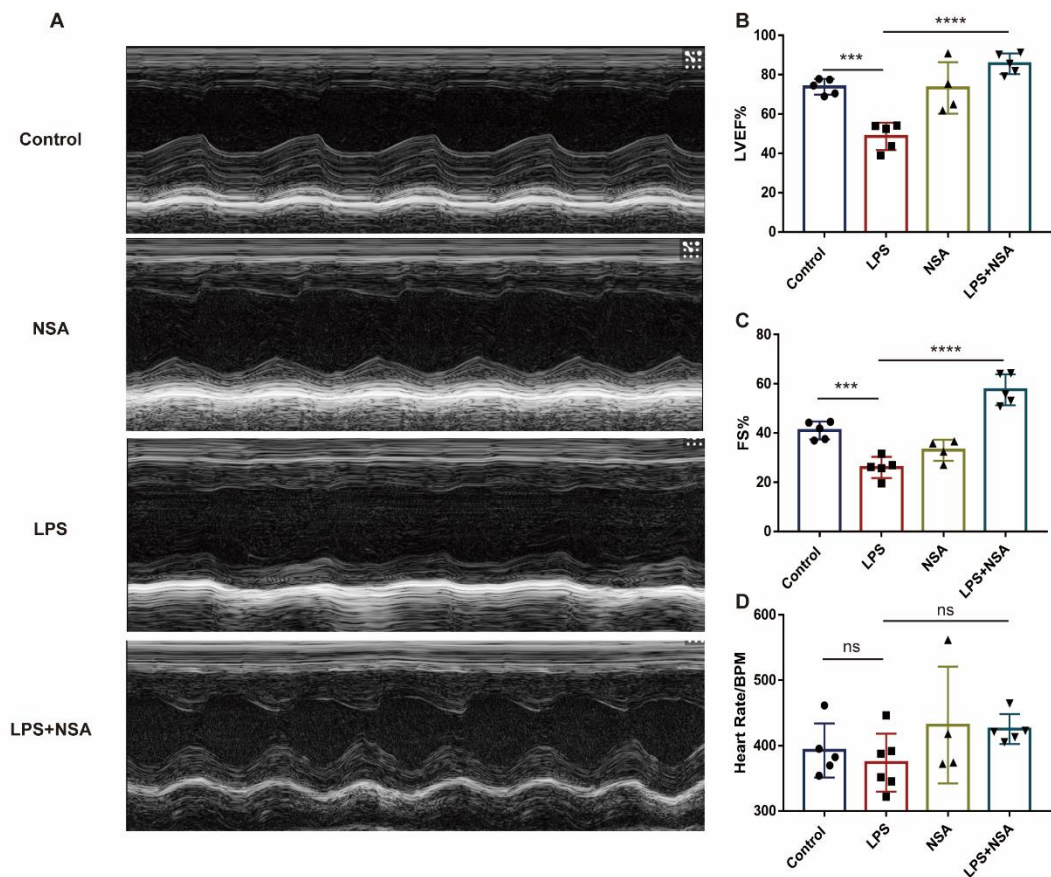
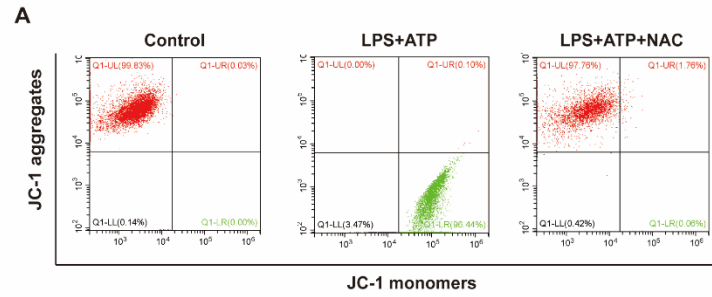




Supplementary Figure 1. Role of pyroptosis in LPS-induced cardiac dysfunction. C57BL/6 mice were treated with or without LPS (15 mg/kg, 12 hrs) in the absence or presence of the pyroptosis inhibitor NSA (20mg/kg). **(A)** Representative echocardiographic images from four mouse groups. **(B-D)** Quantification of the echocardiography. n=4-5, Mean $\pm$ SEM. **** P < 0.0001; *** P < 0.001; ** P < 0.01; * P < 0.05; ns=not significant.



Supplementary Figure 2. The effect of ALDH2 on mitochondrial membrane potential in cardiomyocytes. (A) Representative images of JC-1 staining in LPS plus ATP-simulated or control H9C2 cells with or without pre-treated NAC (50 μ mol/L, 1 hrs), Mean $\pm$ SEM. **** P < 0.0001; *** P < 0.001; ** P < 0.01; * P < 0.05; ns=not significant.