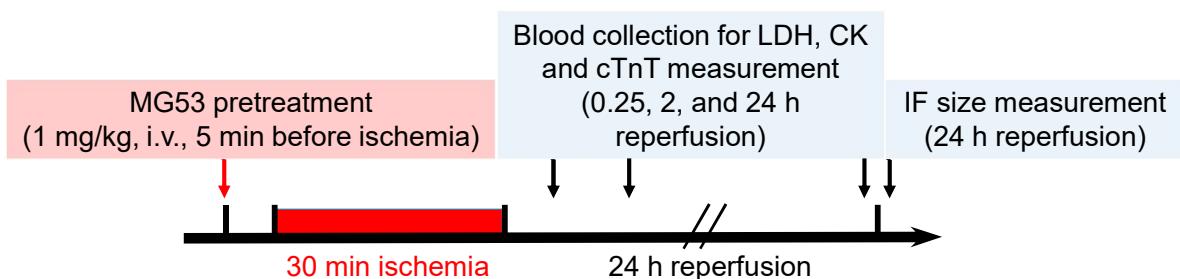
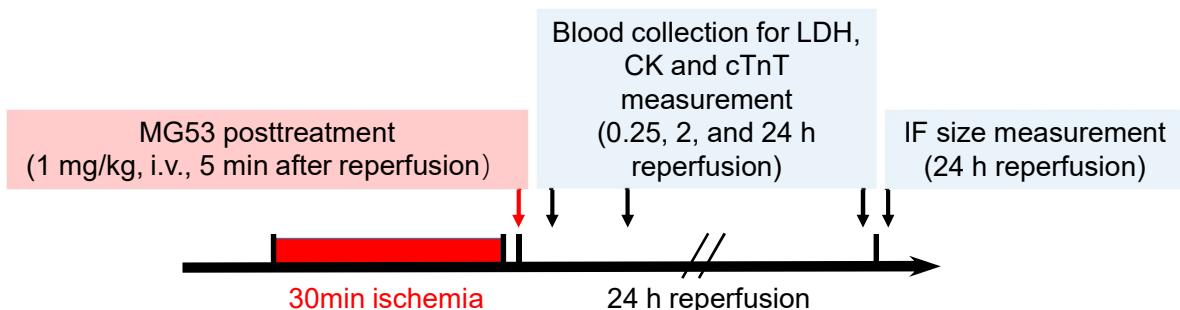


Supplementary Figure 1

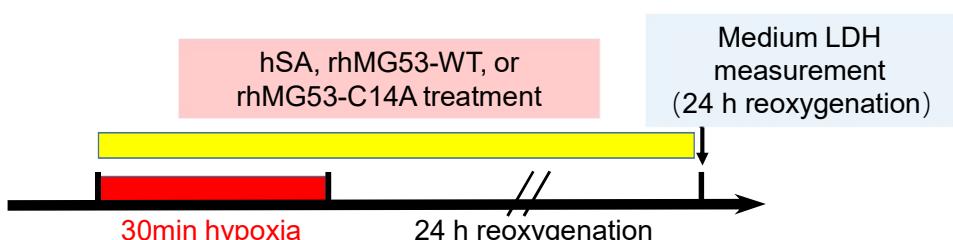
A Pretreatment (10-week mice)



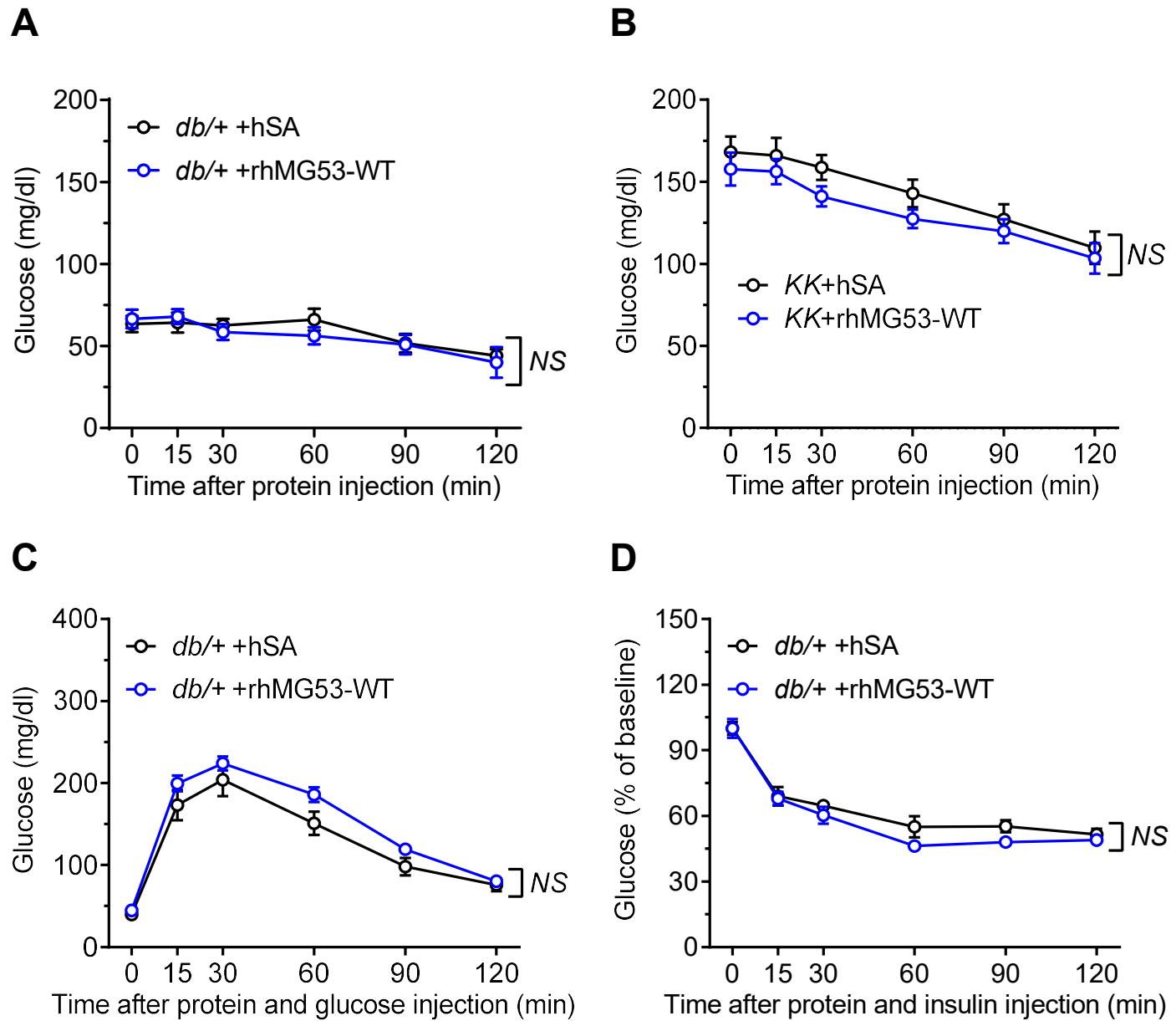
B Post-treatment (10-week mice)



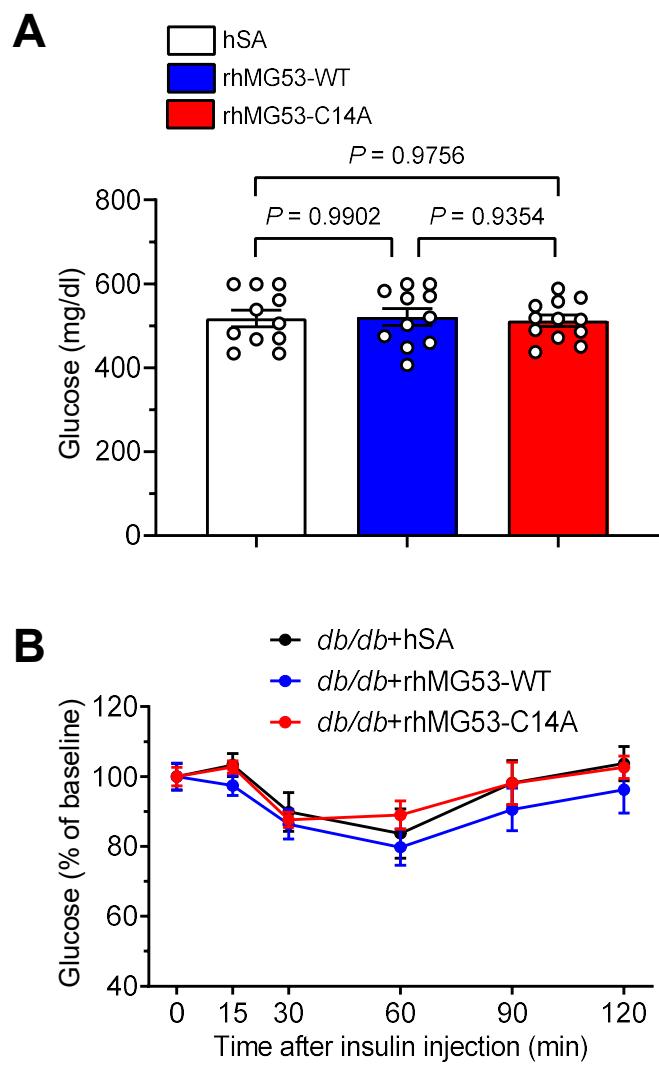
C Cultured cardiomyocyte H/R



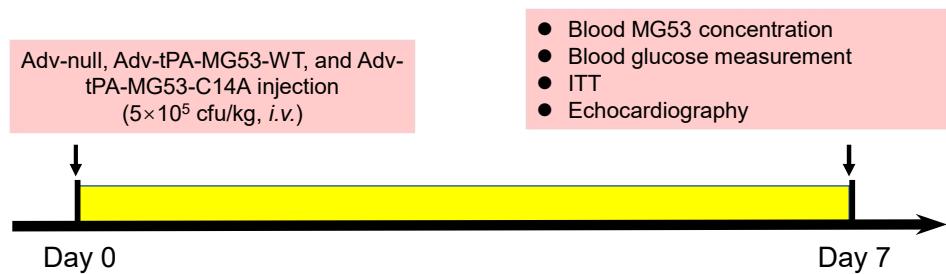
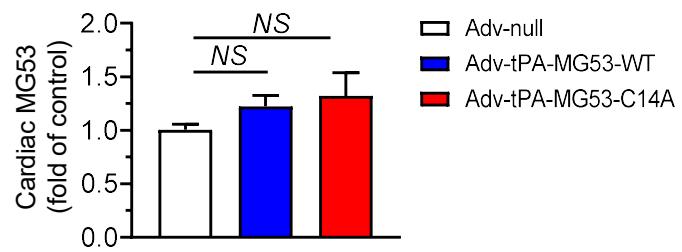
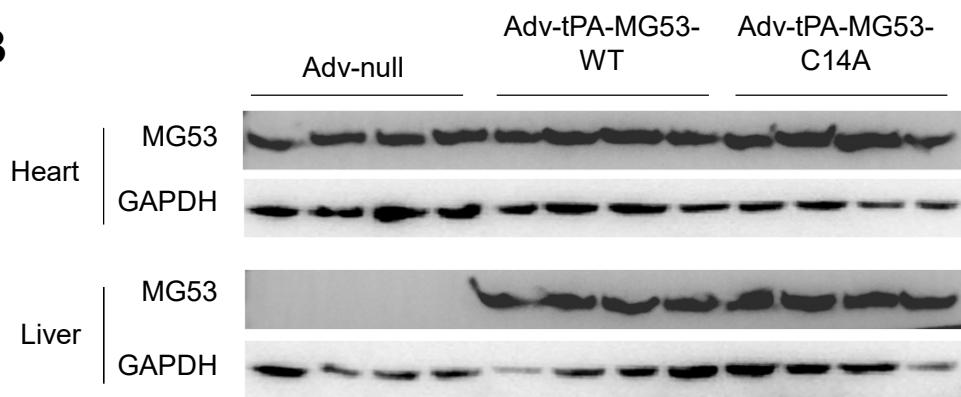
Supplementary Figure 2



Supplementary Figure 3

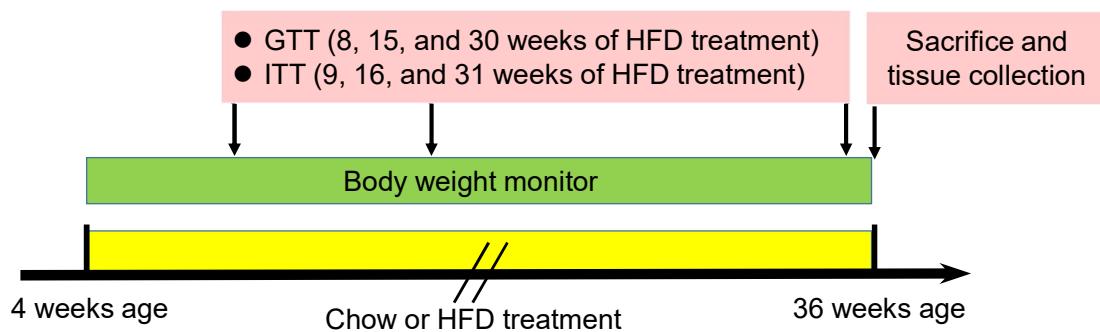


Supplementary Figure 4

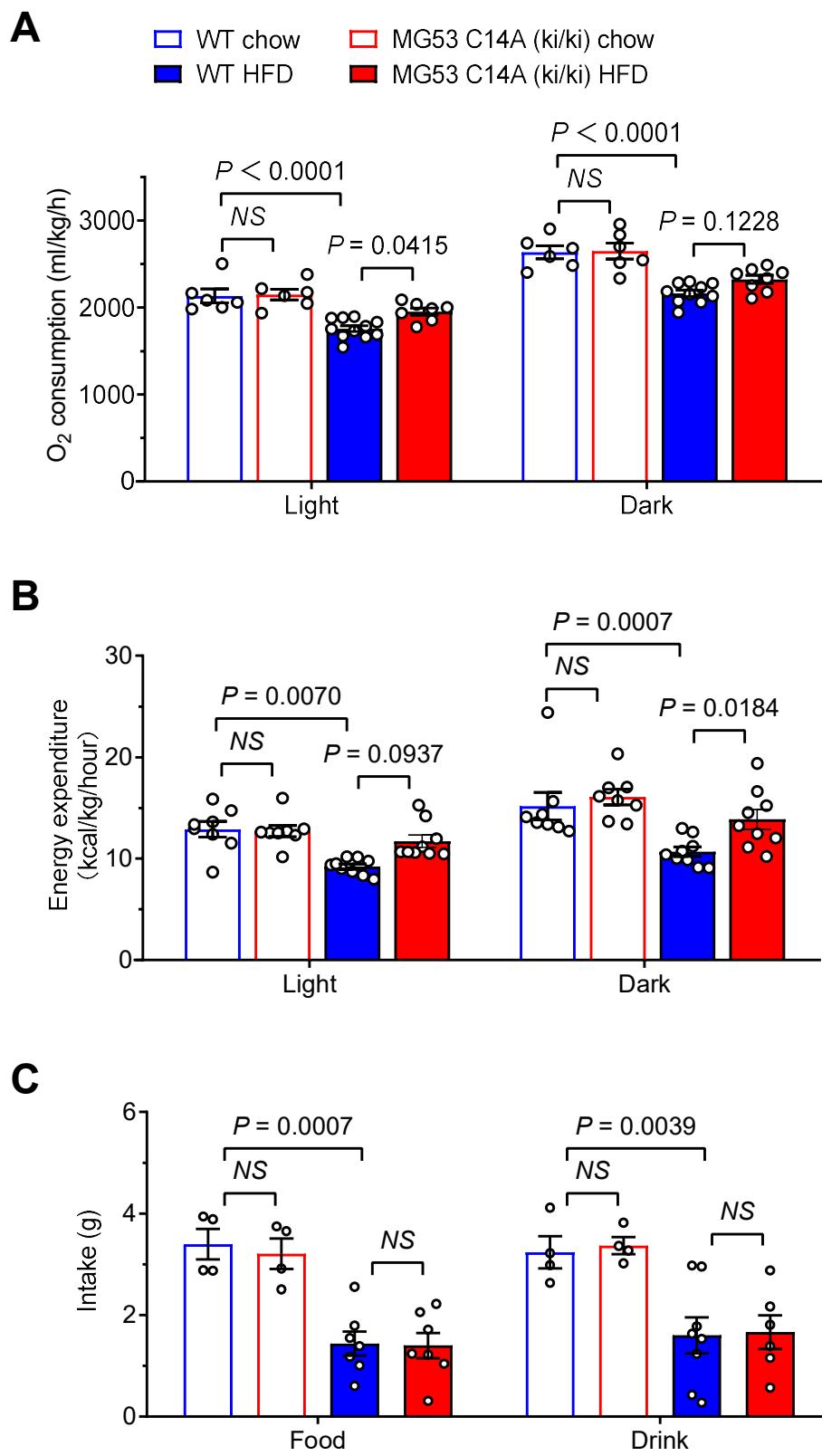
A*db/db* mice (10 weeks of age)**B****Supplementary Figure 5**

WT mice

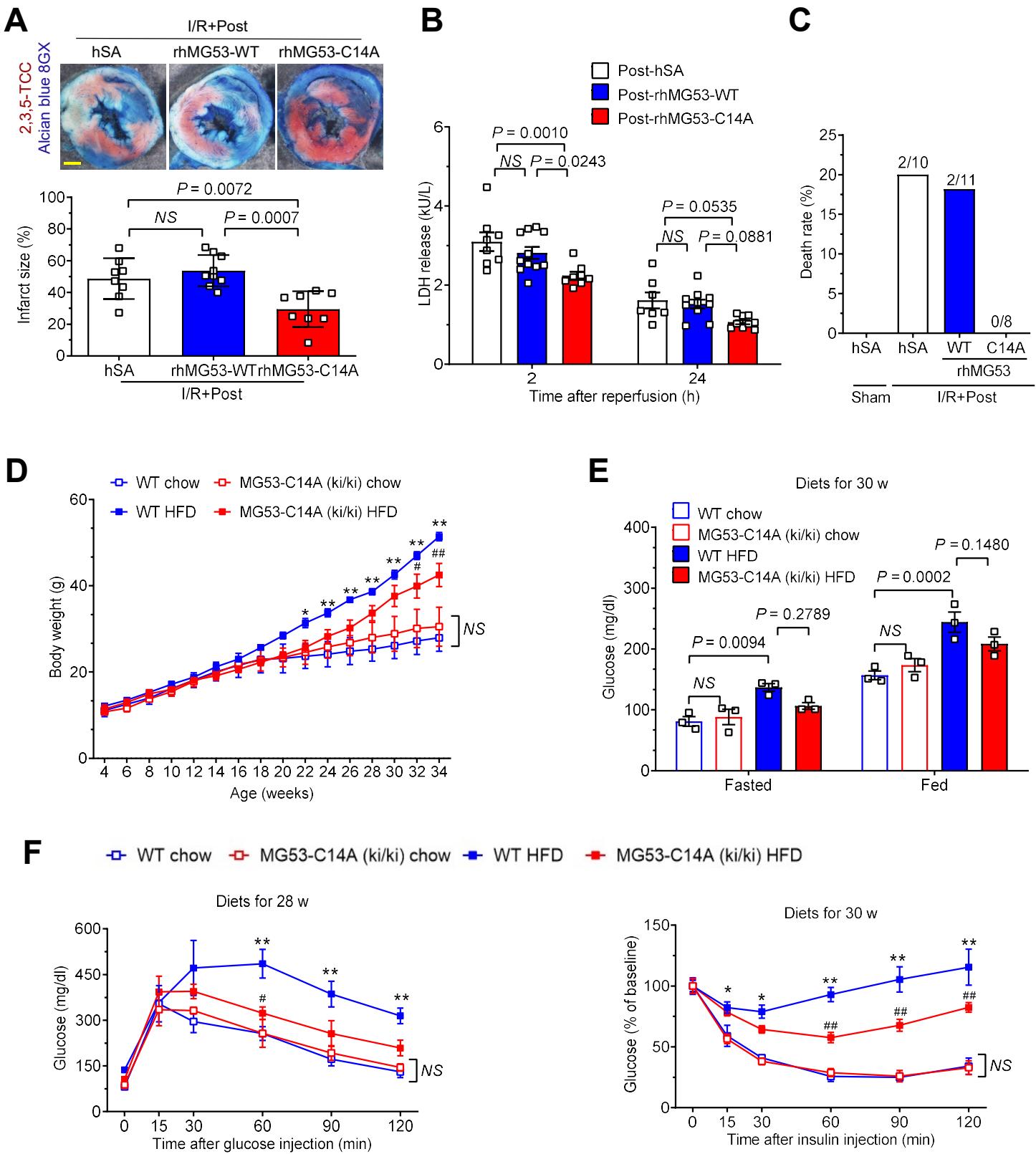
MG53-C14A (ki/ki) mice



Supplementary Figure 6



Supplementary Figure 7



Supplementary Figure 8