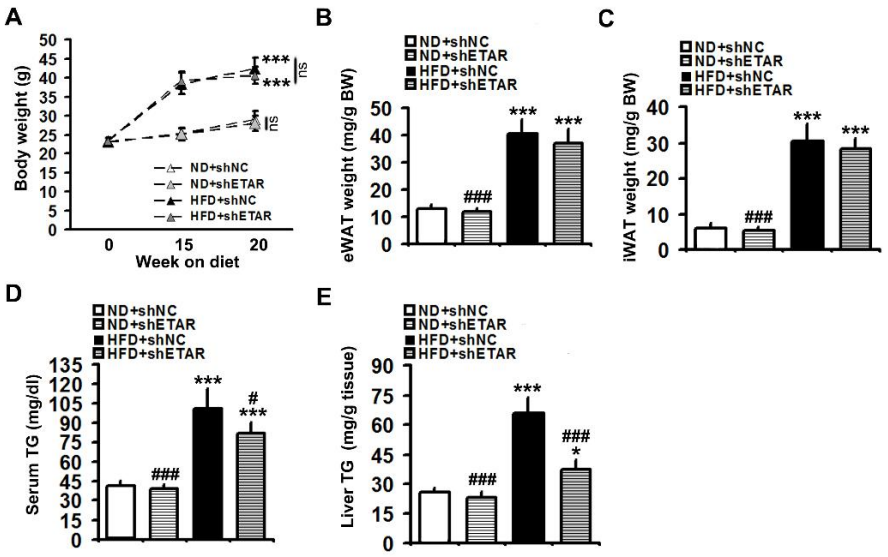
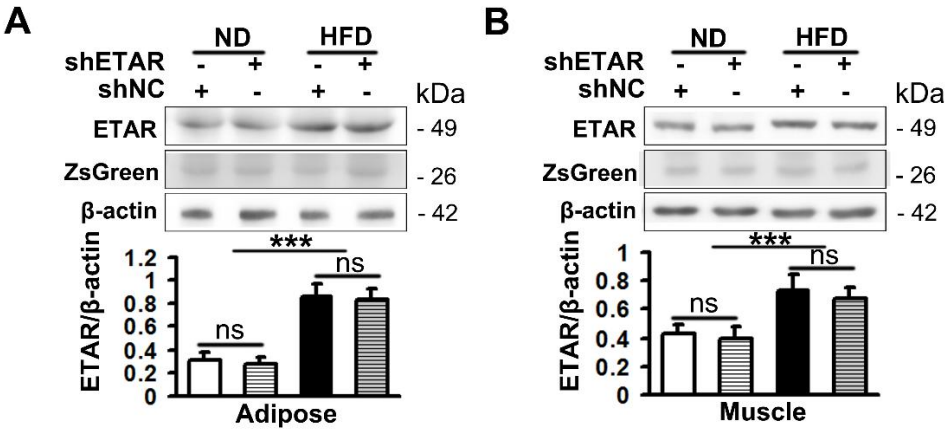
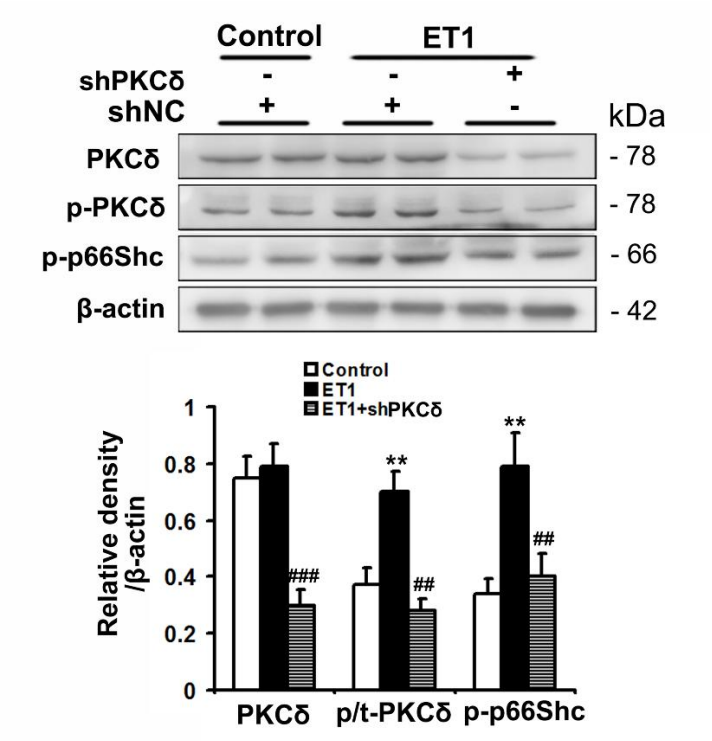


Supplementary Figure 1: The effects of hepatic ETAR knockdown on obesity and TG content in HFD-fed mice. (A) Body weight in mice, n = 10. (B) The weight of epididymal white adipose tissue (eWAT) in mice, n = 10. (C) The weight of inguinal WAT (iWAT)in mice, n = 10. (D) Serum TG content in mice, n = 5. (E) Liver TG content in mice, n = 5. All of the values are expressed as the mean ± SD. *P < 0.05, ***P < 0.001 versus the ND + shNC group; #P < 0.05, ###P < 0.001 versus the HFD + shNC group.



Supplementary Figure 2: The protein expressions of ETAR are not significantly decreased in other metabolic tissues of AAV8-shETAR-injected mice (n = 5). (A) Protein expression of ETAR in mouse adipose tissues. (B) Protein expression of ETAR in mouse muscles. All of the values are expressed as the mean ± SD. ***P < 0.001 versus the ND + shNC group.



Supplementary Figure 3: The knockdown efficiency of Ad-shPKCδ in L02 cells. L02 cells were infected with Ad-shPKCδ followed by the treatment of 50nm ET1. Protein expression of total PKCδ, p-PKCδ and p-p66Shc were analyzed by Western blotting in L02 cells. All of the values are expressed as the mean ± SD. **P < 0.01 versus the control cells. ##P < 0.01, ###P < 0.001 versus the ET1-treated cells.