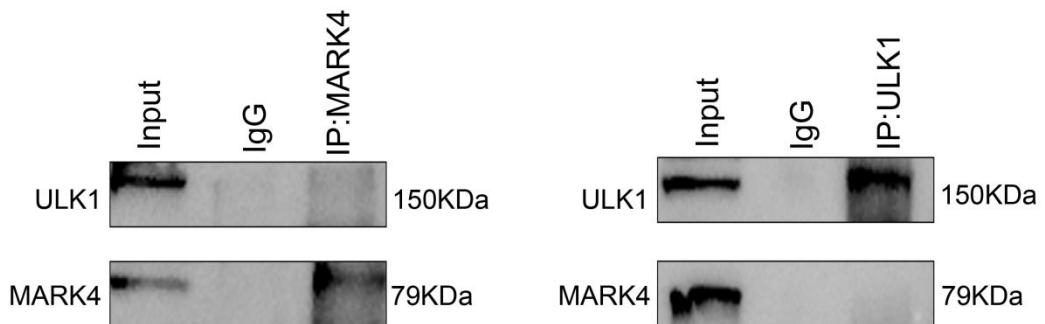


Supplementary Figure 1 Verify the expression of MARK4 in renal tissue after KD. Western blotting and quantitative analysis were used to evaluate the expression of MARK4 in the renal tissues of KD model mice. The results showed that there was no significant difference in the expression of MARK4 in the DCM+AAV9-shMARK4 group compared with the DCM group.



Supplementary Figure 2 Co-IP verification of the interaction between MARK4 and LC3B in cardiomyocytes. The experiment was repeated three times. There is no interaction between the two.