Fig 1H and 4H

Fig.1H

Fig.1H and 4H

Fig. 4H

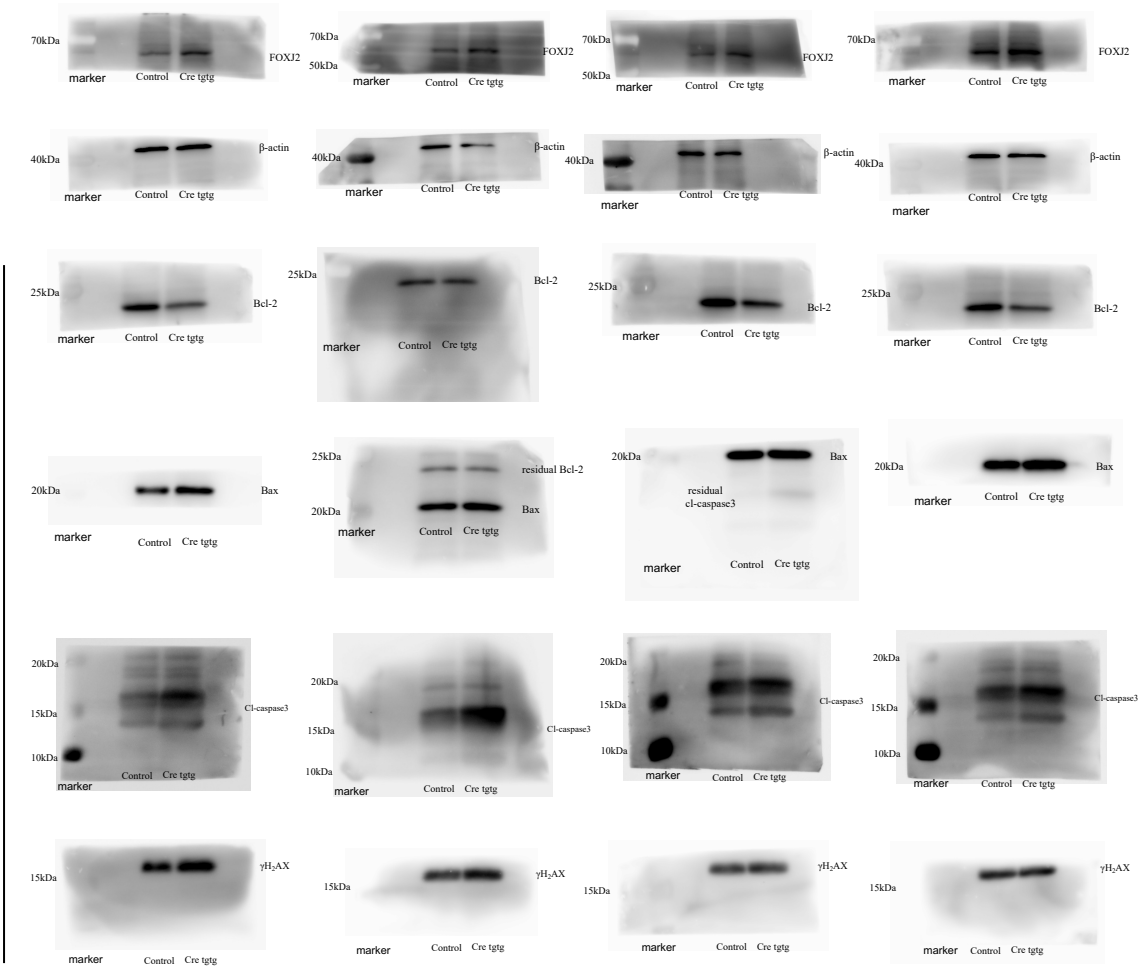
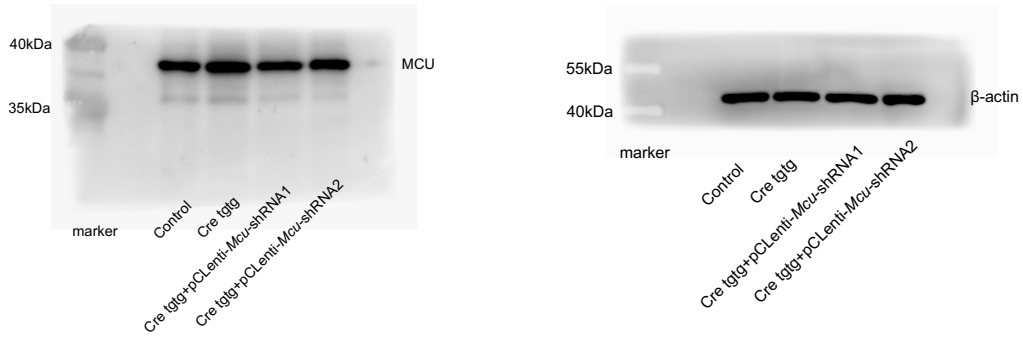


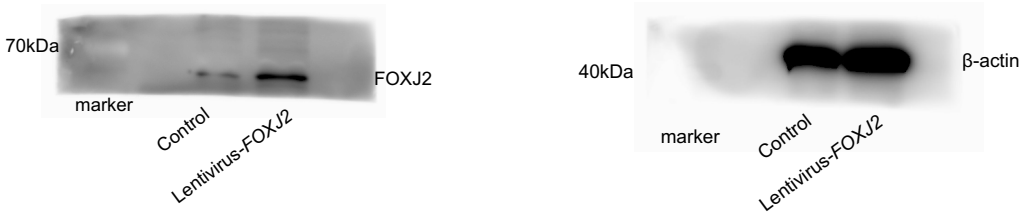
Fig. 1H and 4H Western blotting analysis of FOXJ2(Fig. 1H), Bcl-2, Bax, Cl-caspase3 and γH$_2$AX (Fig. 4H) protein levels in GCs of control and *Amh-cre, Foxj2* $^{tg/tg}$ (Cre tgtg) mice. β-Actin (Fig. 1H and 4H) was used as a loading control.

Supplementary Fig S1C



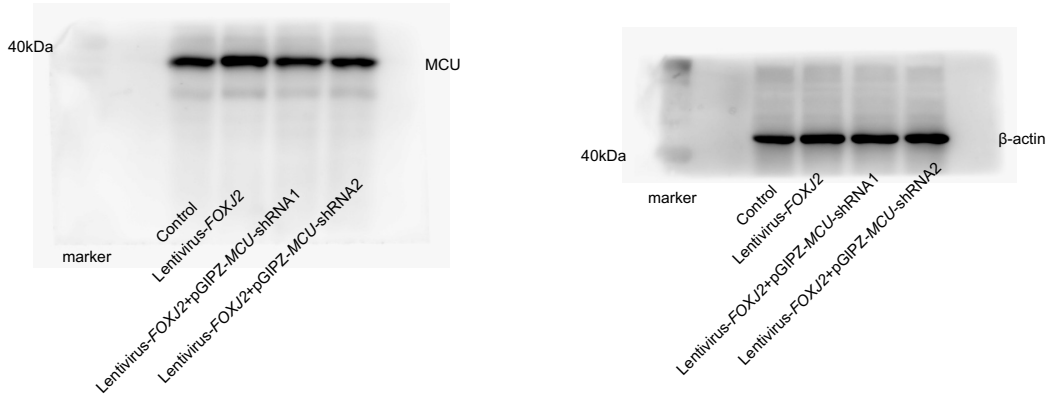
Supplementary Fig S1C Western blotting analysis of MCU protein levels in GCs from the control group (control mouse GCs transfected with empty pCLenti plasmid), the cre tgtg group (*Amh-cre; Foxj2* $^{tg/tg}$ mouse GCs transfected with empty pCLenti plasmid) and the cre tgtg + *Mcu*-shRNA groups (*Amh-cre; Foxj2* $^{tg/tg}$ mouse GCs transfected with pCLenti-*Mcu*-shRNAs). β-Actin was used as a loading control.

Supplementary Fig S1E



Supplementary Fig S1E Western blotting analysis of FOXJ2 protein levels in control and Lentivirus-*FOXJ2* group (KGN cells transfected with Lentivirus-*FOXJ2* plasmid). β-Actin was used as a loading control.

Supplementary Fig S1I



Supplementary Fig S1I Western blotting analysis of MCU protein levels in the control group (KGN cells transfected with empty pGIPZ plasmid), the Lentivirus-*FOXJ2* group (Lentivirus-*FOXJ2*-KGN cells transfected with empty pGIPZ plasmid), and the Lentivirus-*FOXJ2* + *MCU*-shRNA groups (Lentivirus-*FOXJ2*-KGN cells transfected with pGIPZ-*MCU*-shRNAs). β-Actin was used as a loading control.