Supplementary Figure 4A

ZO-1   Cldn-1   merge

Gallbladder   WT
              TGR5-KO

CK-19   Cldn-1   merge

Liver   WT
        TGR5-KO

ZO-1   Cldn-2   merge

Gallbladder   WT
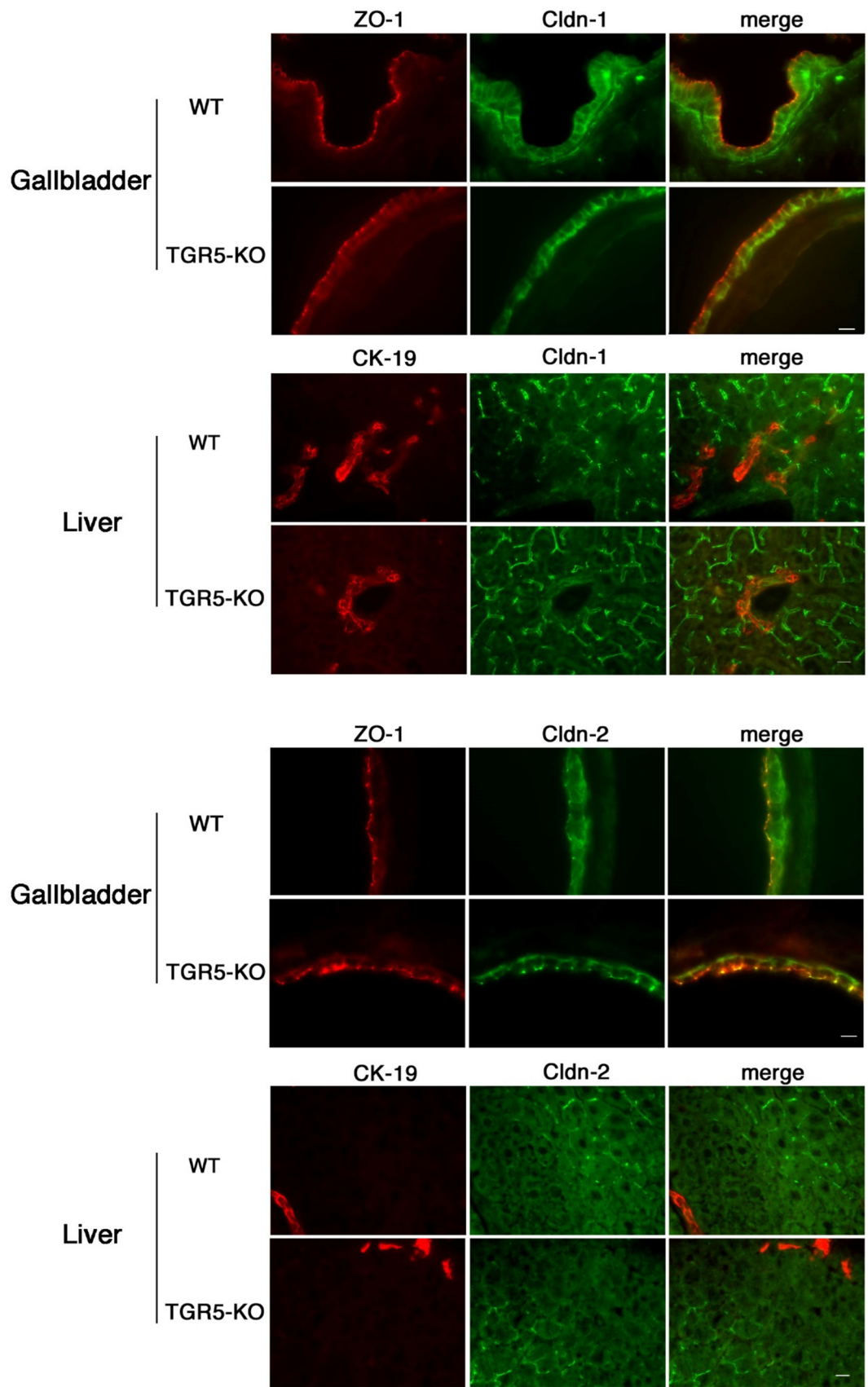   TGR5-KO

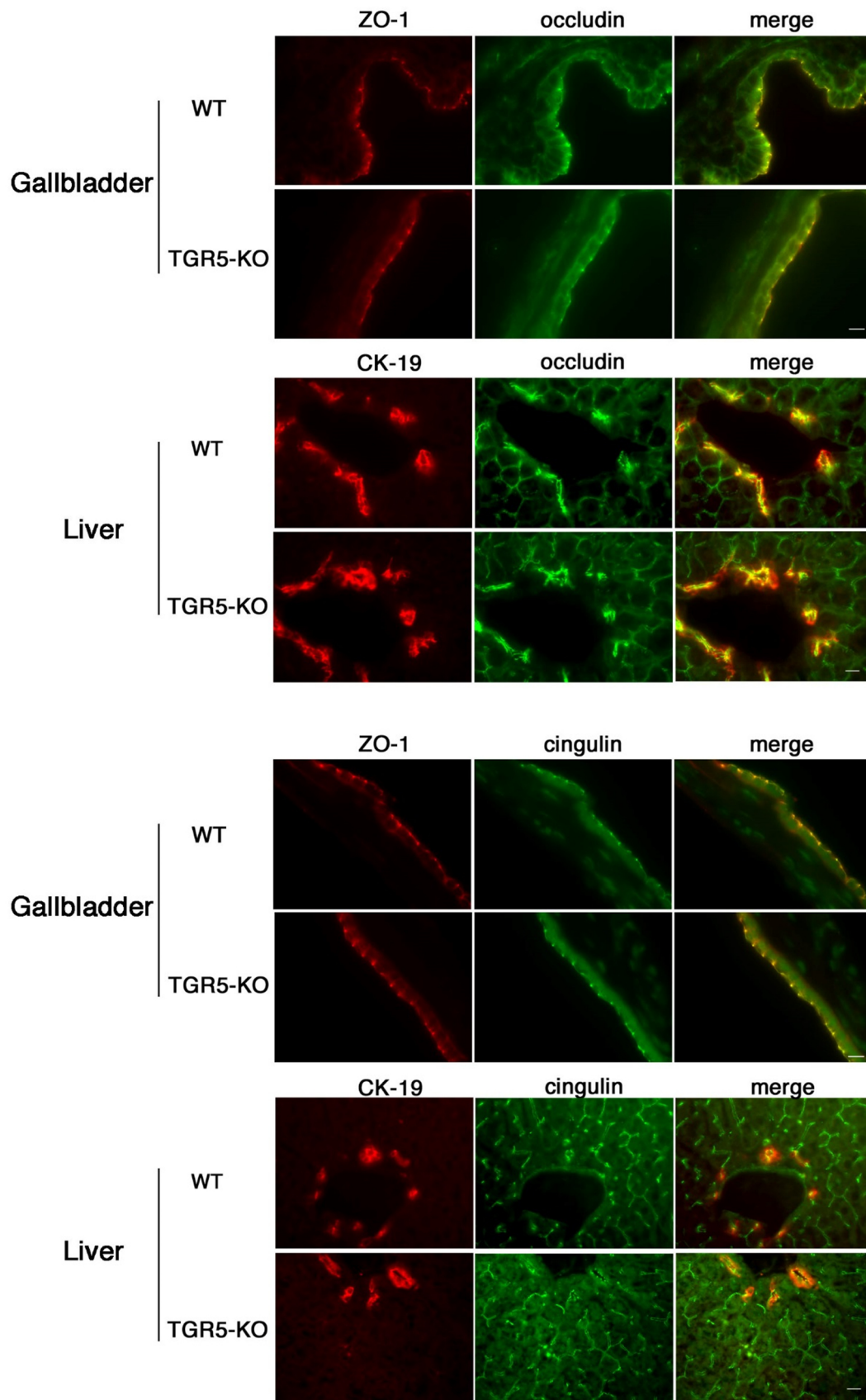CK-19   Cldn-2   merge
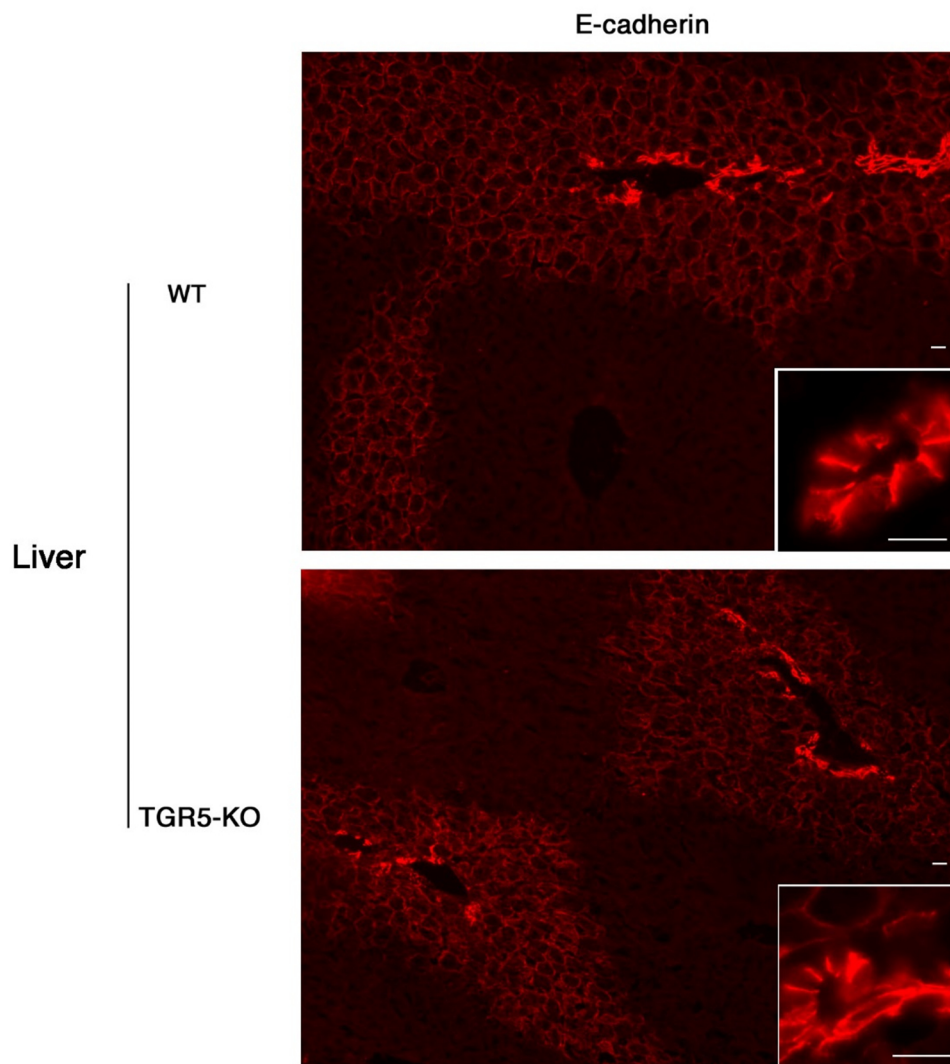
Liver   WT
        TGR5-KO

Supplementary Figure 4B

Supplementary Figure 4C

Supplementary Figure 4D

Cldn-3 | E-cadherin | merge

Gallbladder
WT
TGR5-KO

E-cadherin

Liver
WT
TGR5-KO

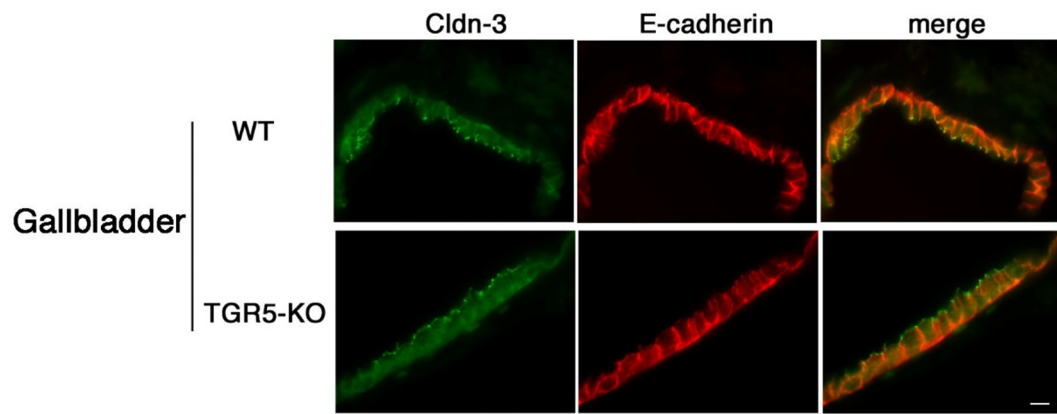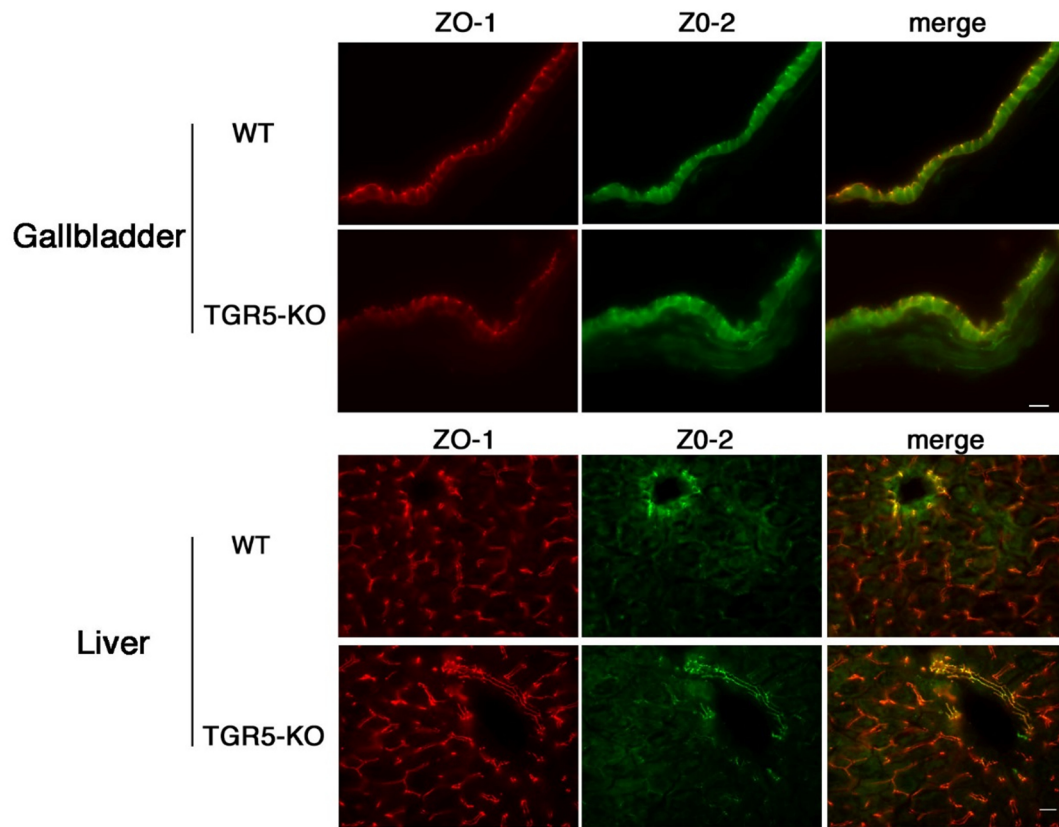**Supplementary Figure 4E**

Supplementary Figure 4F