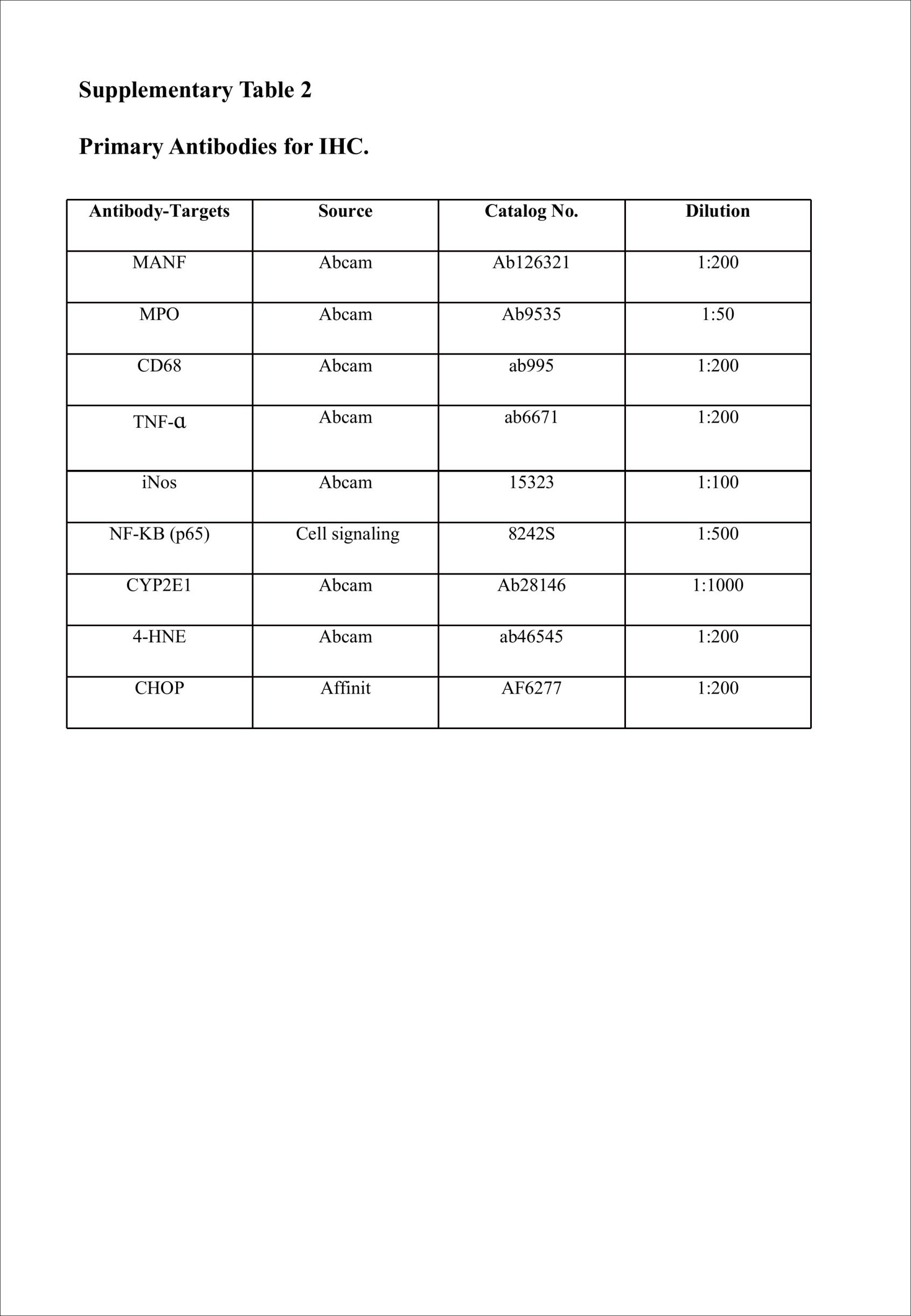
1. **Supplementary Table 1**

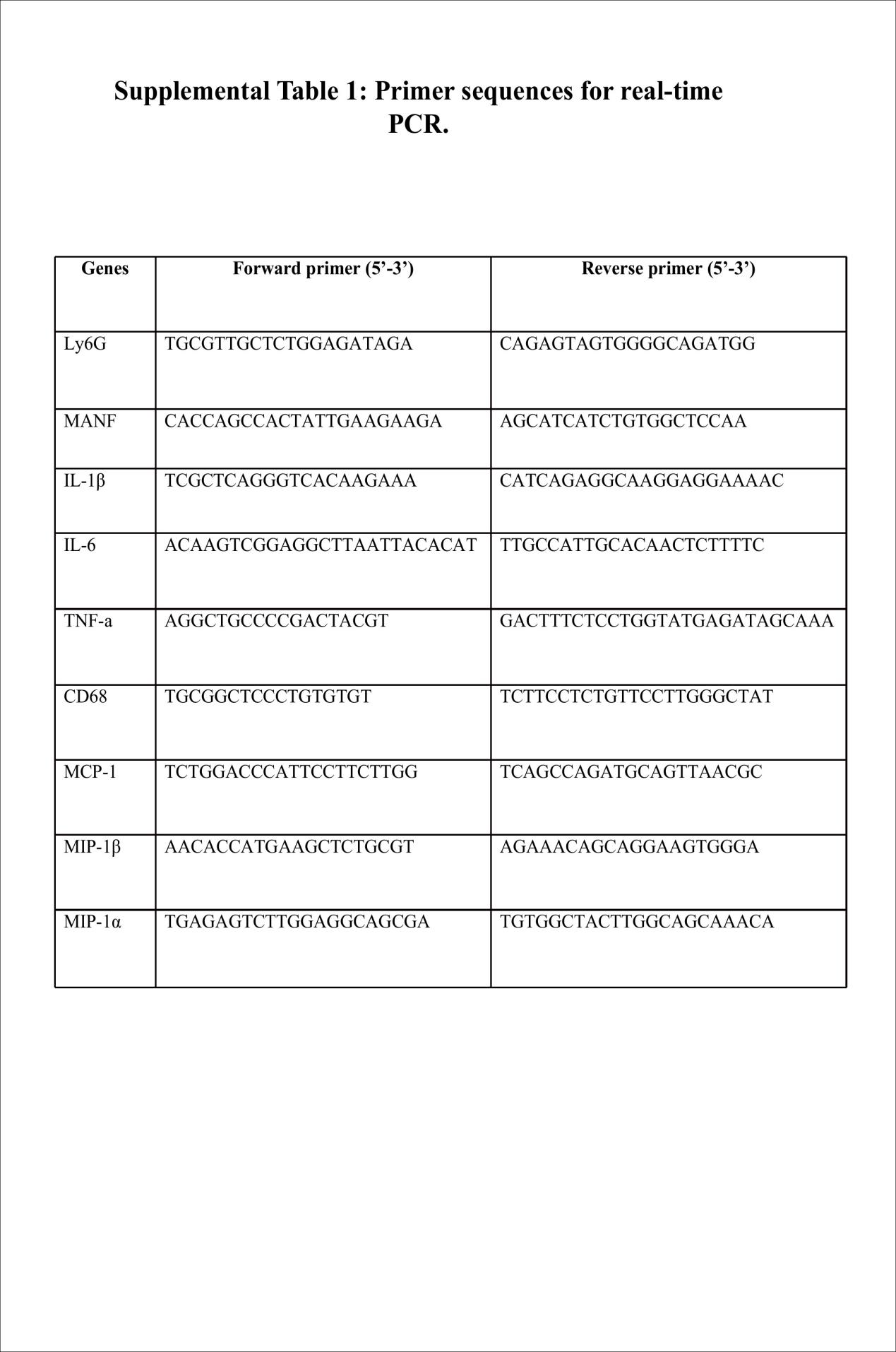


1. **Primary Antibodies for IHC.**
2. **Supplementary Table 2**

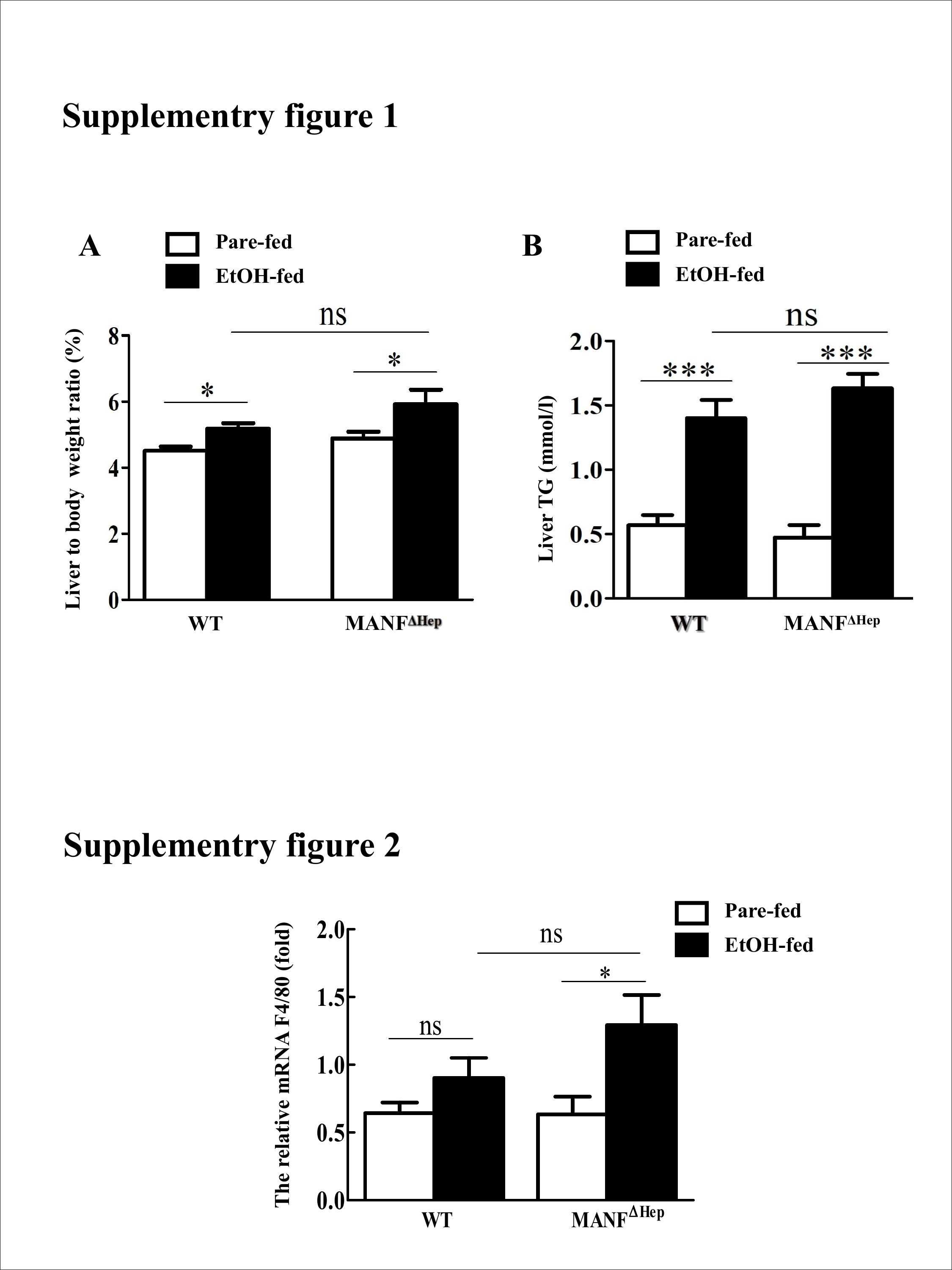


**Primary Antibodies for Western blot.**

1. **Supplemental Table 3**



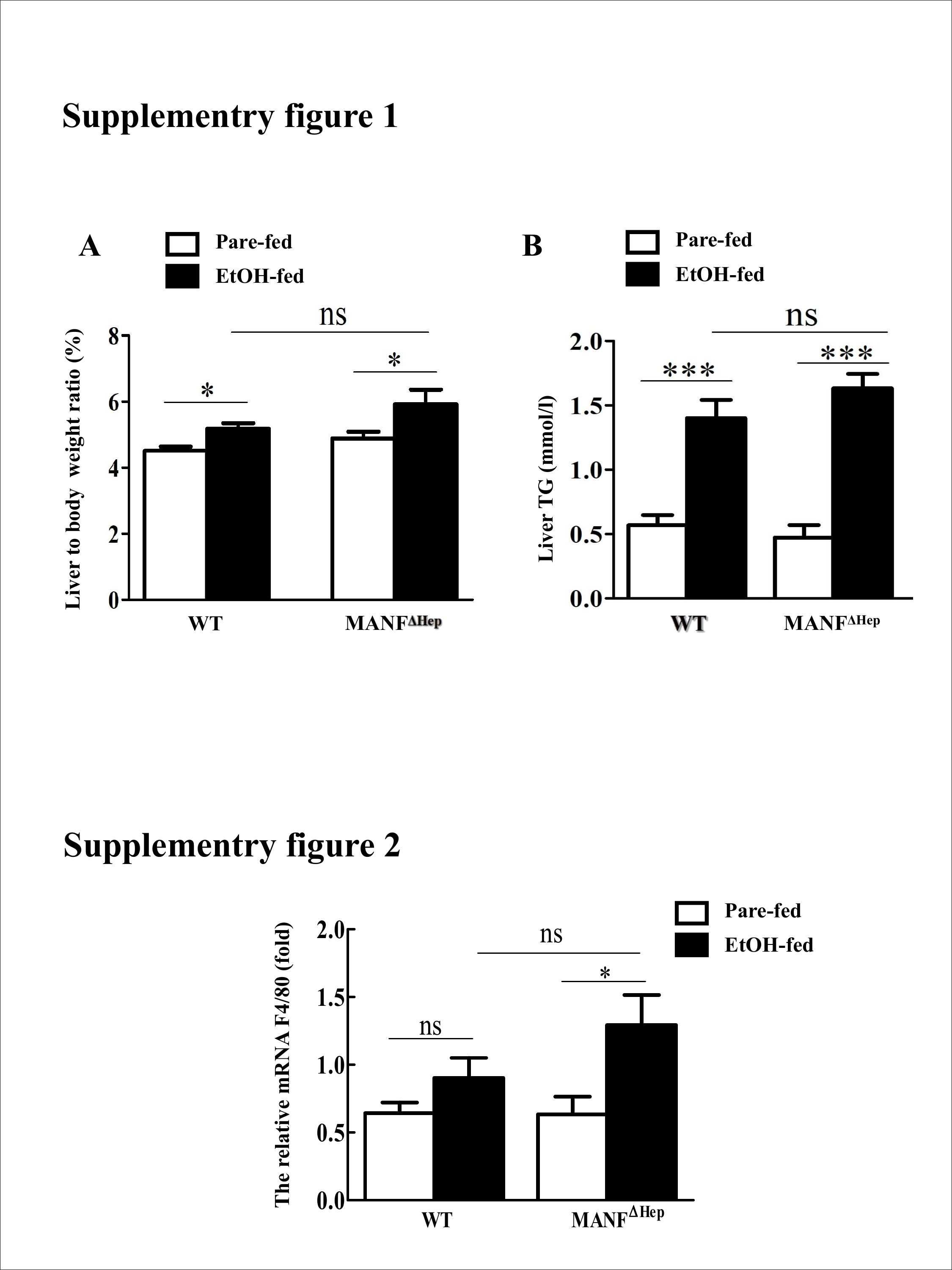
1. **Primer sequences for real-time PCR.**



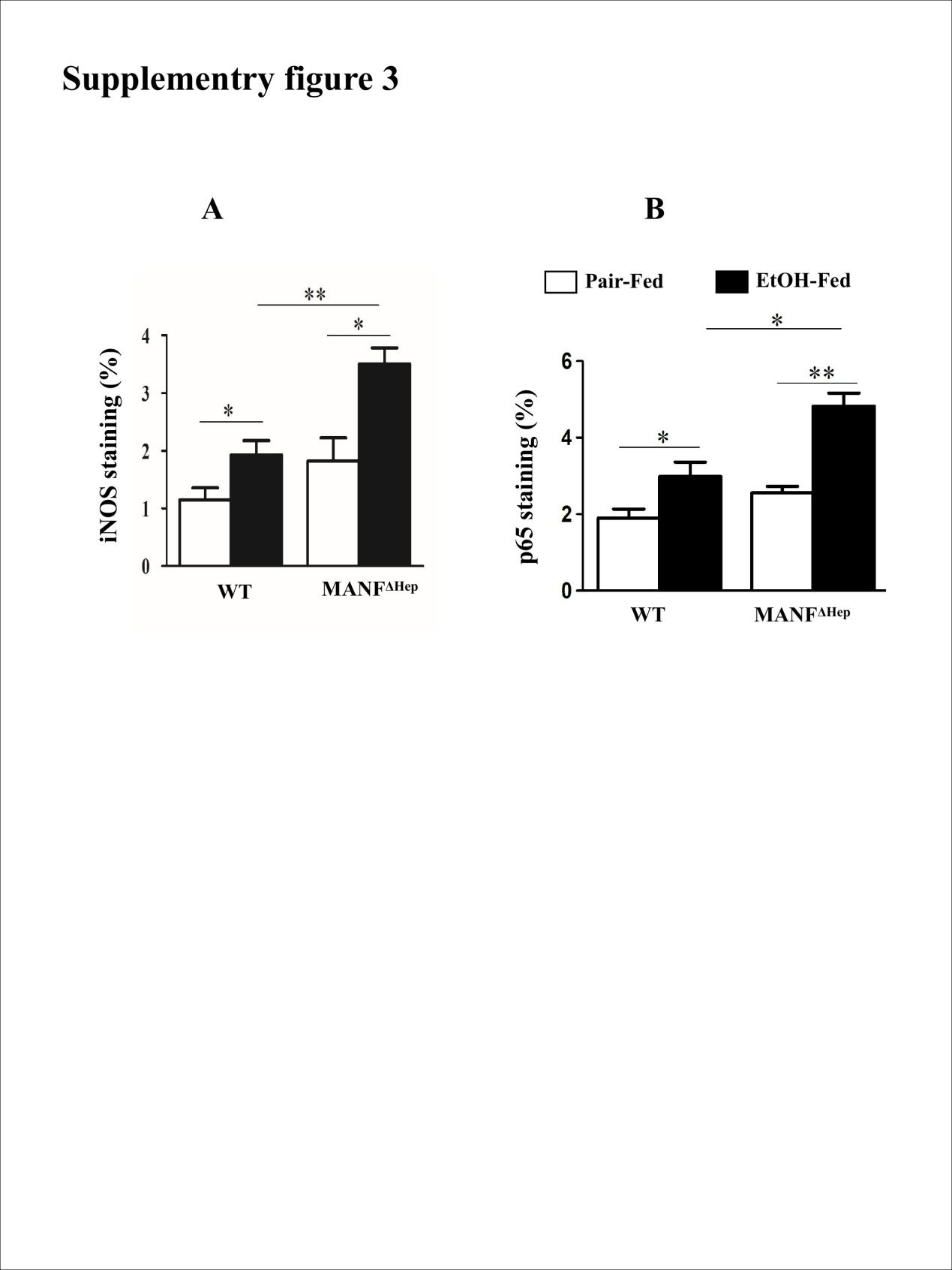
**Supplementary figure 1**

1. liver-to-body weight ratio in WT and MANFΔHep mice. (B) TG level was examined by an assay kit. Values represent means ± SEM (n= 4-8). \*P<0.5, \*\*P<0.01, \*\*\*p<0.001.

**Supplementary figure 2**



The mRNA level of F4/80 was detected by quantitative real-time PCR. Values represent means ± SEM (n= 4-8). \*P<0.5.

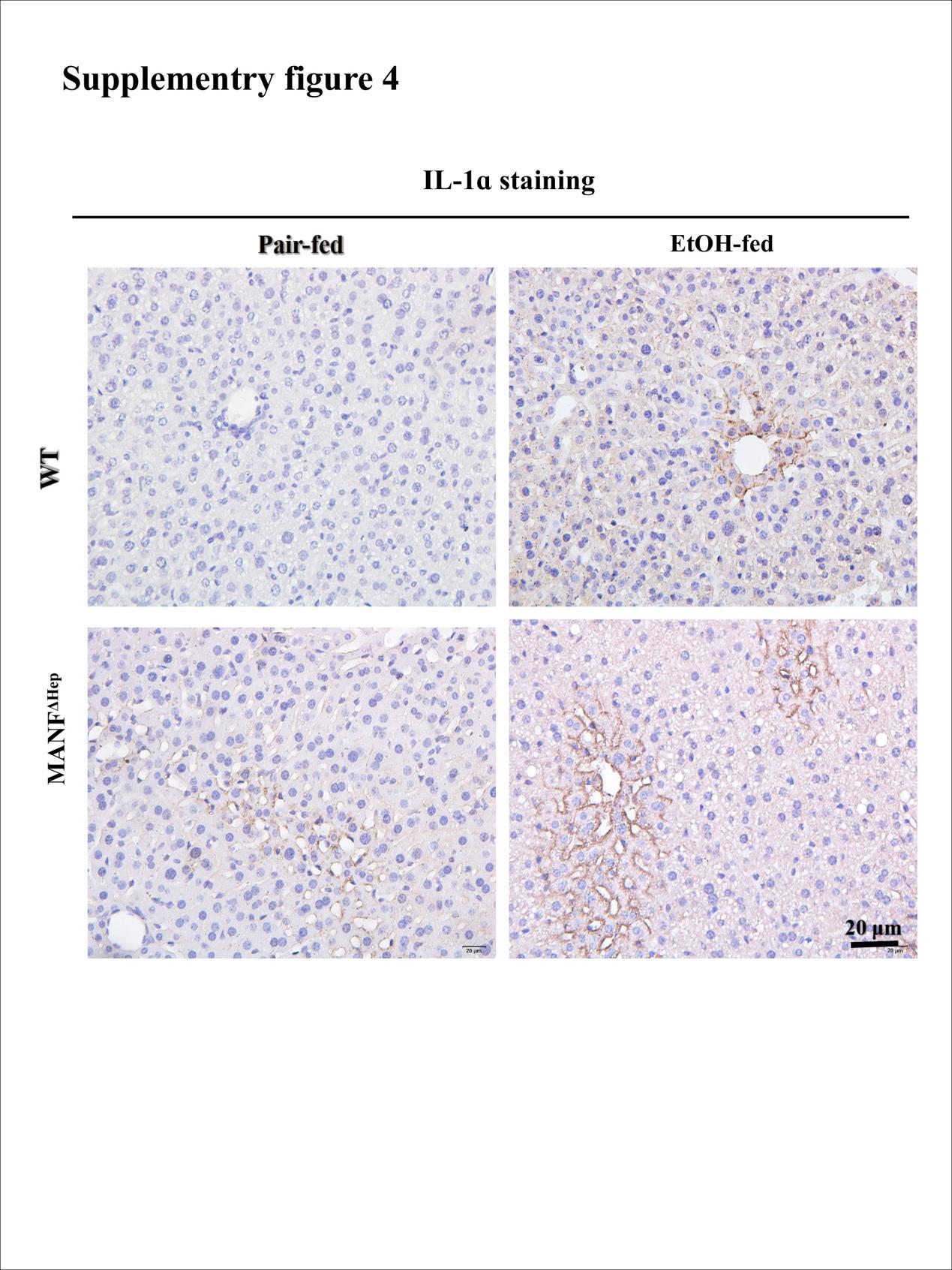


**Supplementary figure 3**

**Supplementry figure 4**

(A) The quantitative data of iNOS staining in panel A. (B) The quantitative data of p65 staining in panel A. . Values represent means±SEM. \*p<0.05; \*\*p<0.01; \*\*\*p<0.001.

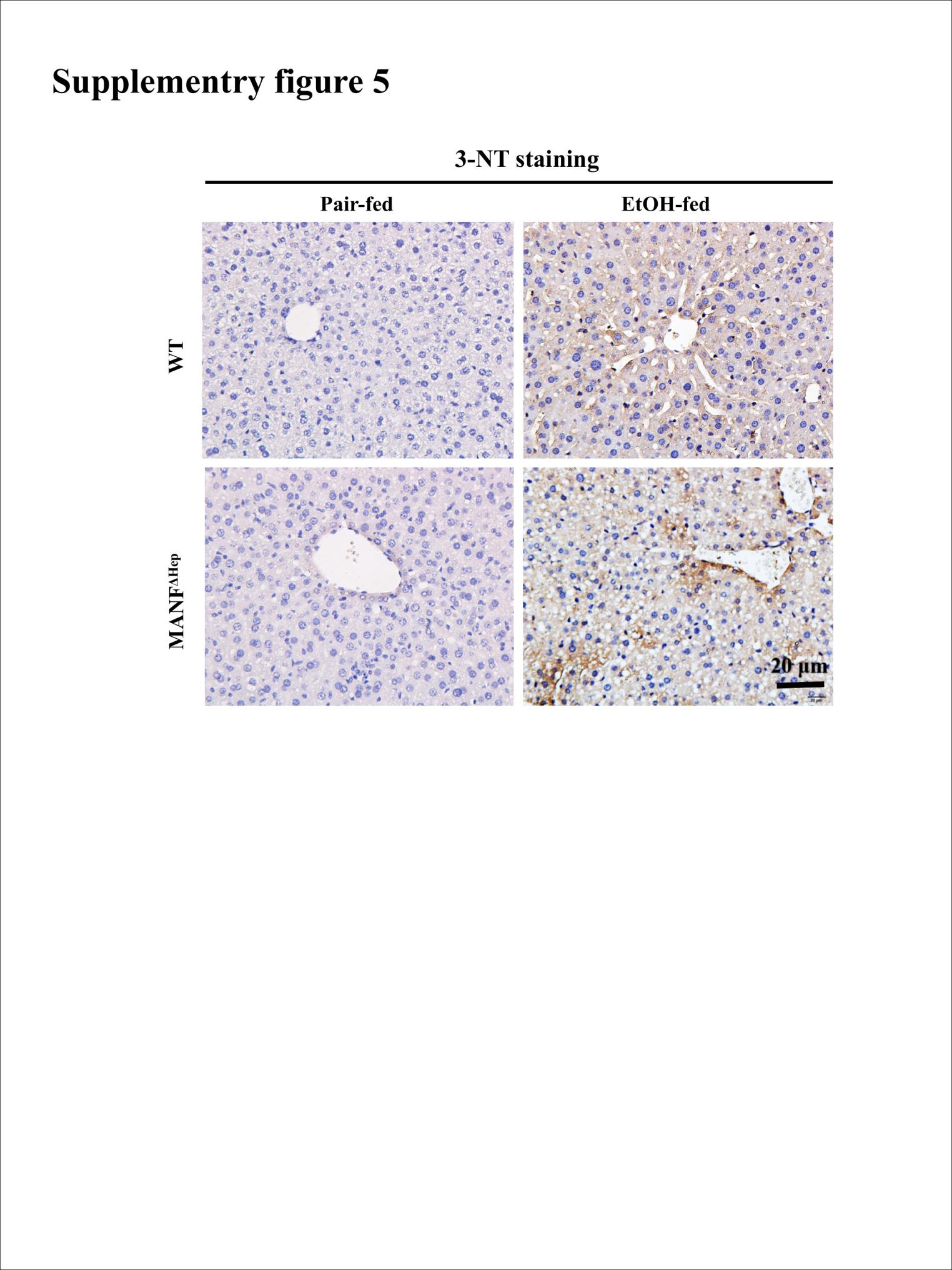
**Supplementary figure 4**



**Figure S4. Detection of IL-1ɑ in WT and MANFΔHep mice.**

IL-1ɑ+ cells were detected by immunohistochemical assay in WT and MANFΔHep mice fed with ethanol (EtOH). Scale bar=20 μm.

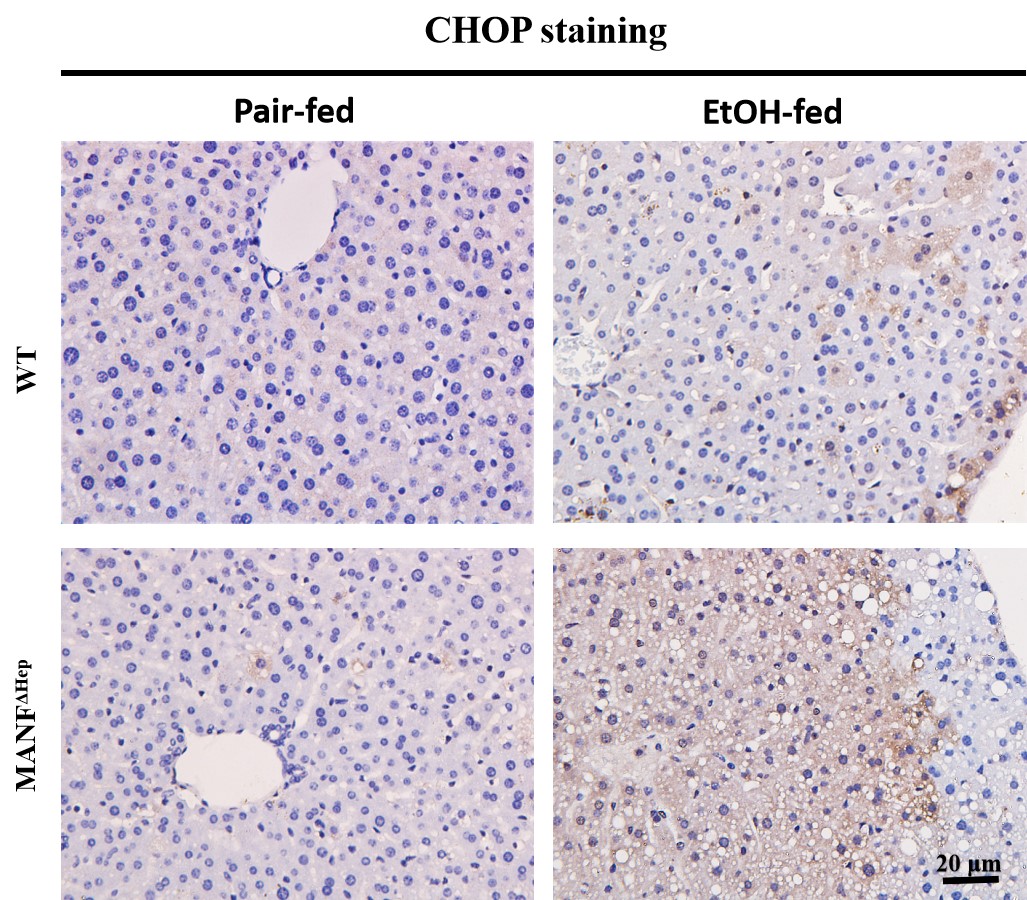
**Supplementary figure 5**



**Figure S5. Detection of 3-nitrotyrosine in WT and MANFΔHep mice.**

3-NT+ cells were detected by immunohistochemical assay in WT and MANFΔHep mice fed with ethanol (EtOH). Scale bar=20 μm.

**Supplementary figure 6**



**Figure S6. Detection of CHOP in WT and MANFΔHep mice.**

CHOP+ cells were detected by immunohistochemical assay in WT and MANFΔHep mice fed with ethanol (EtOH). Scale bar=20 μm.