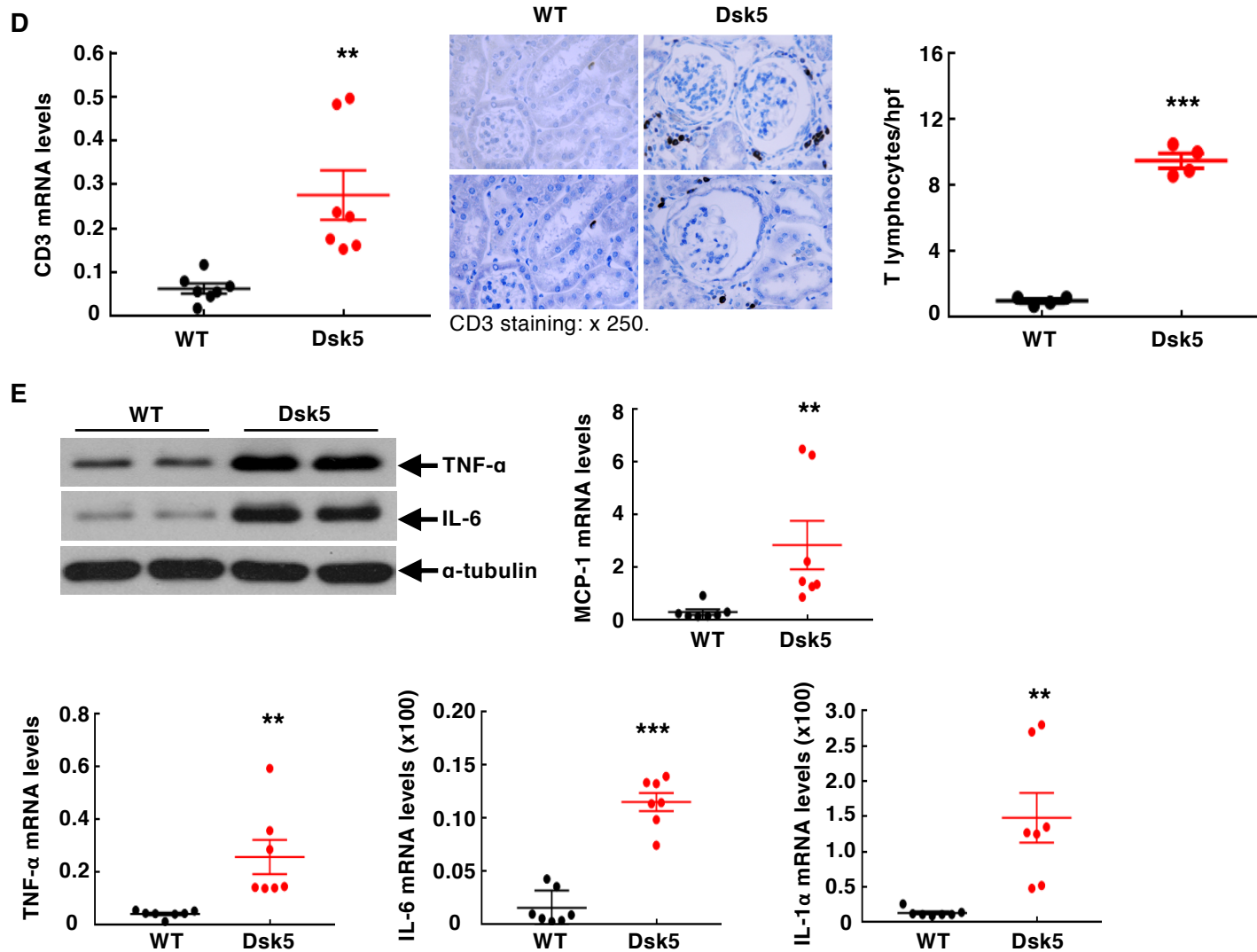
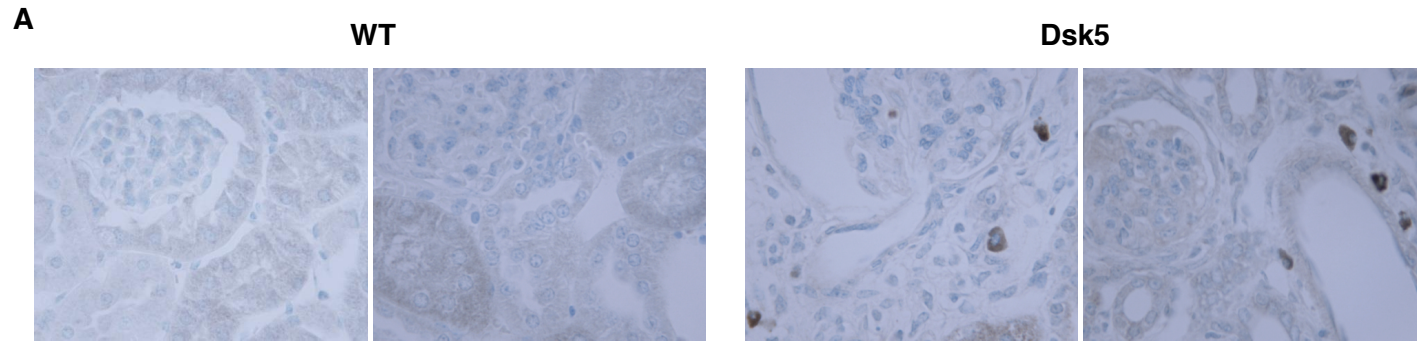


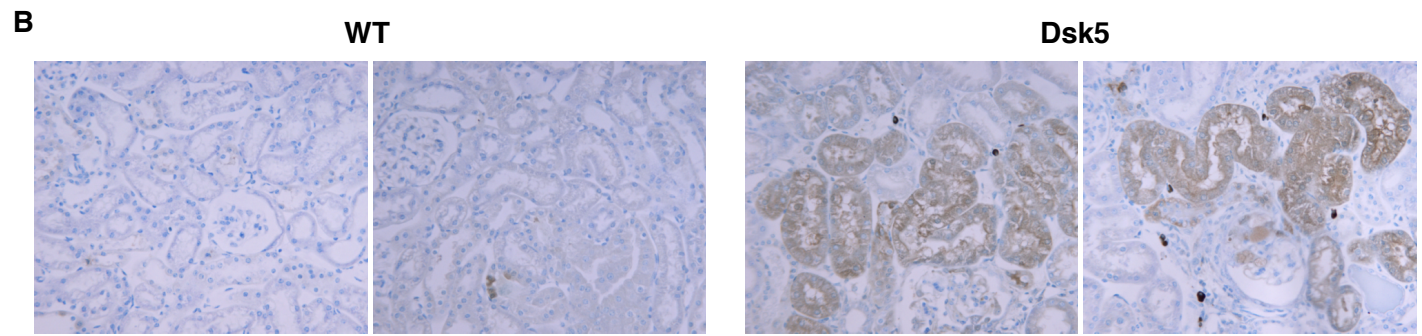
Supplementary Figure S1



Supplementary Figure S1

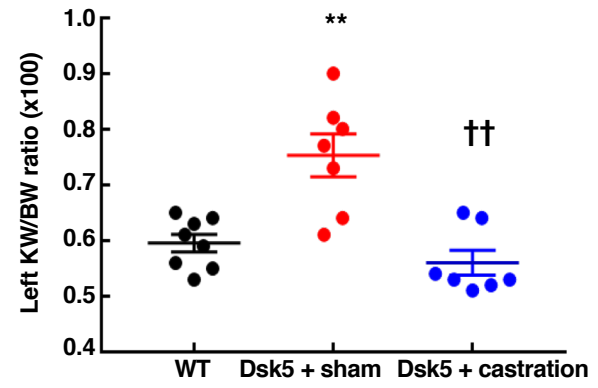
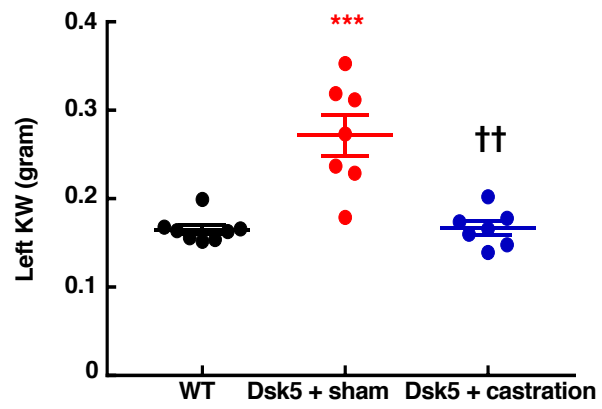


Gr-1 staining, a neutrophil marker: x 400.

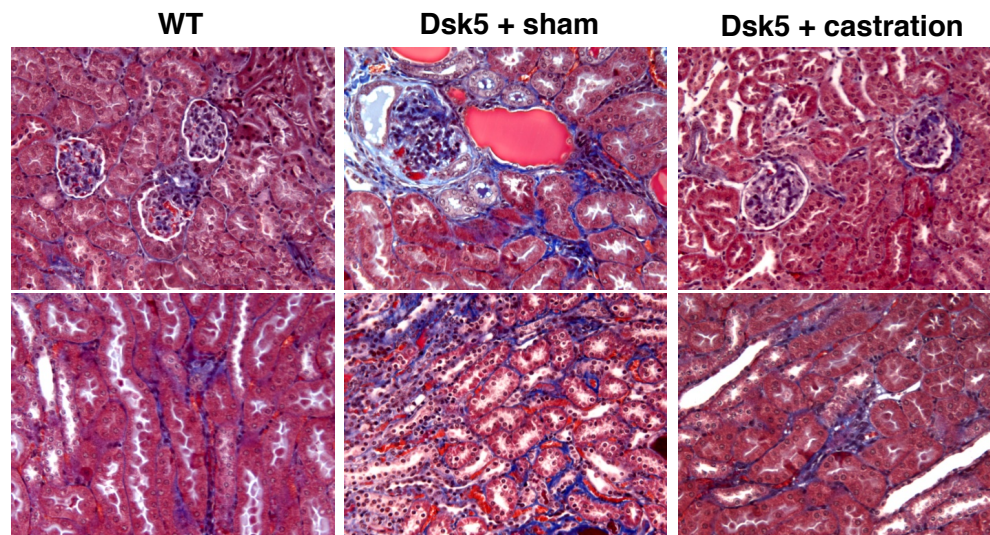


4-HNE staining, a marker of oxidative stress (lipid peroxidation) : x 160.

## Supplemental Figure 2

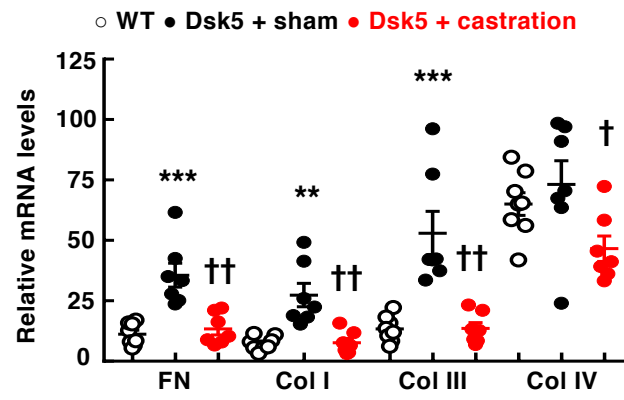
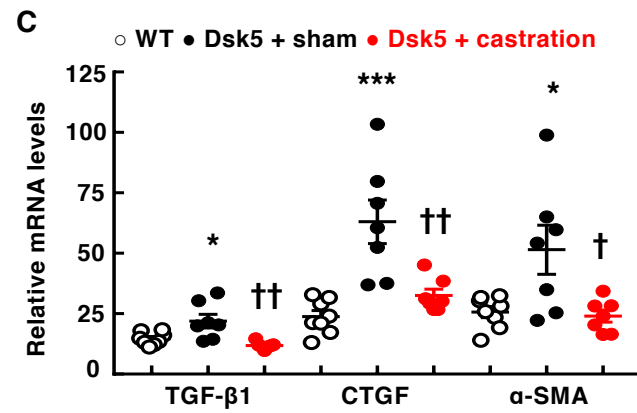
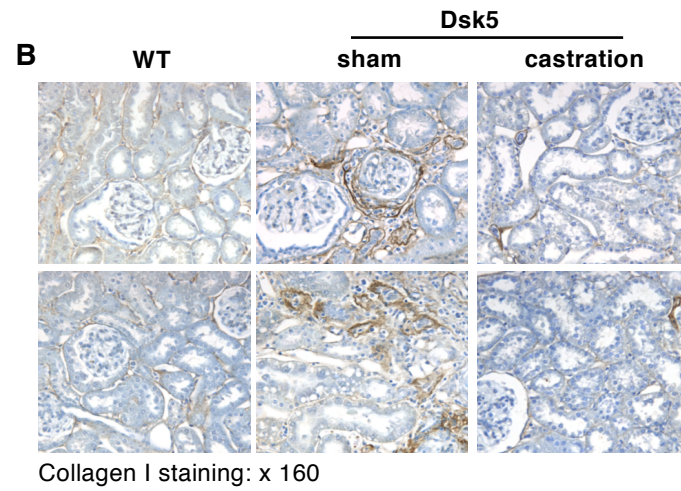
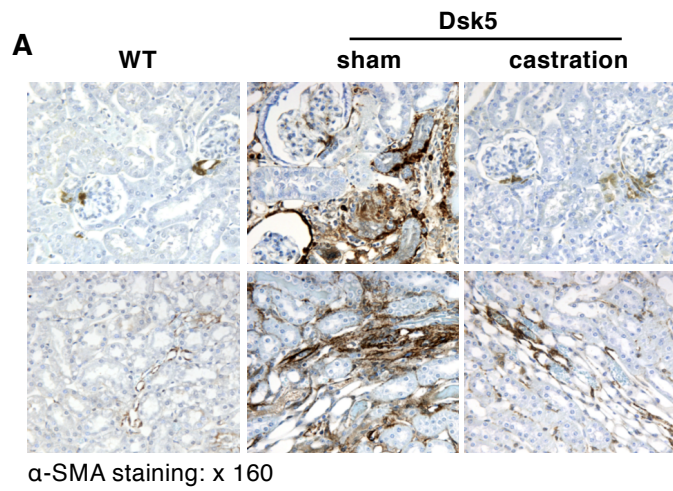


Supplemental Figure S3

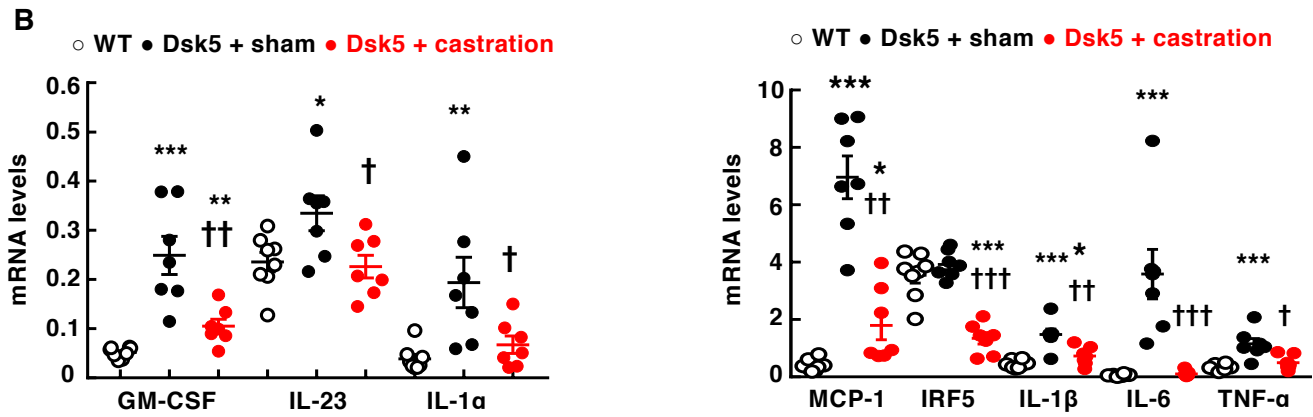
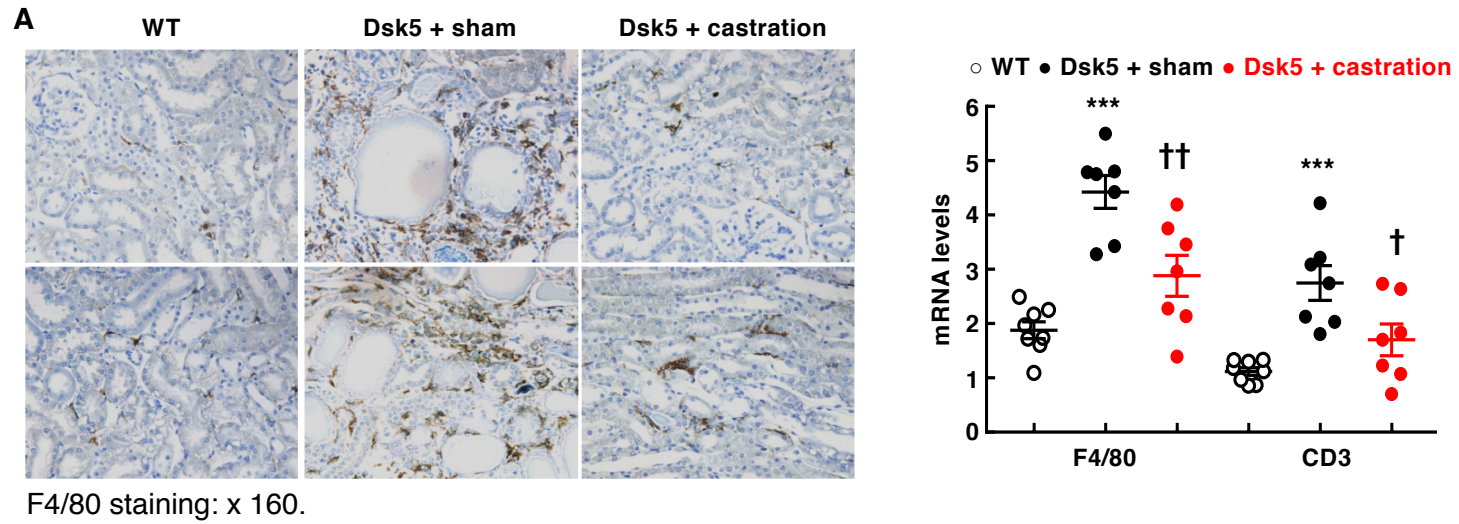


Masson's trichrome staining: X160.

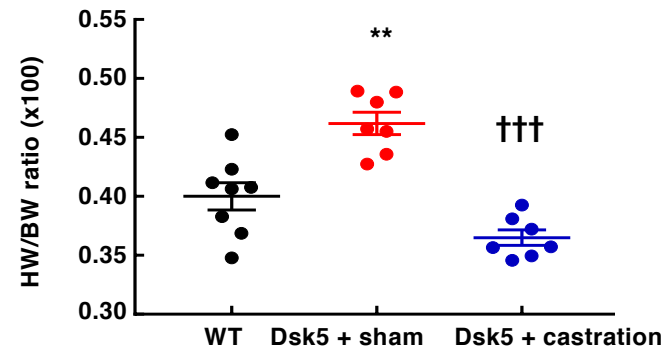
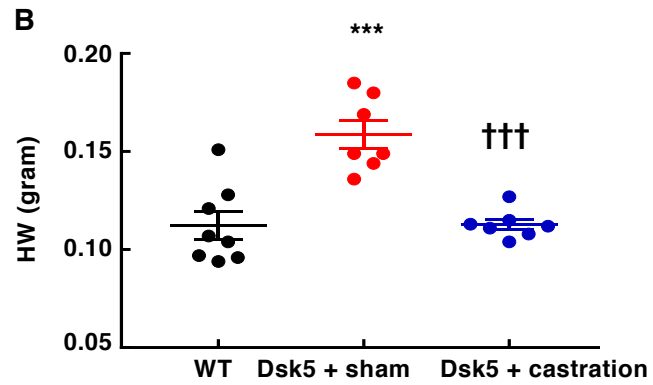
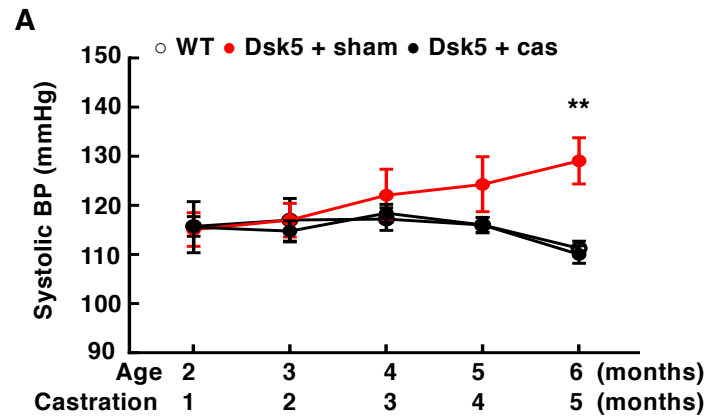
**Supplementary Figure S4**



Supplementary Figure S5

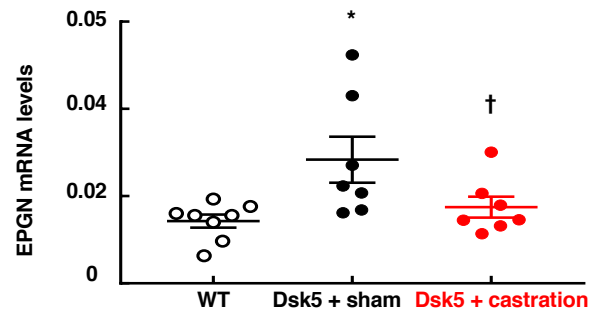
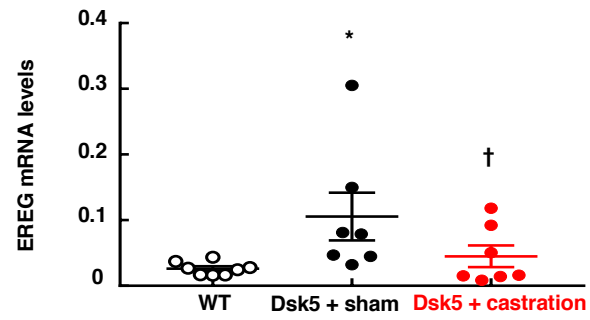
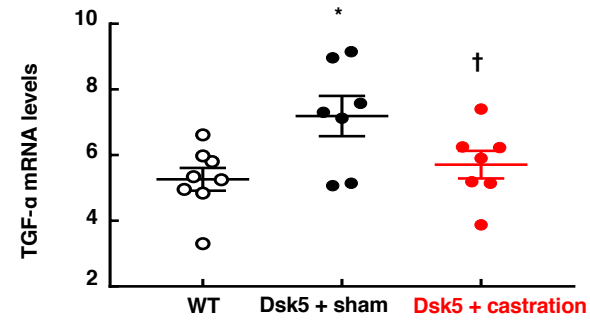


Supplementary Figure S6

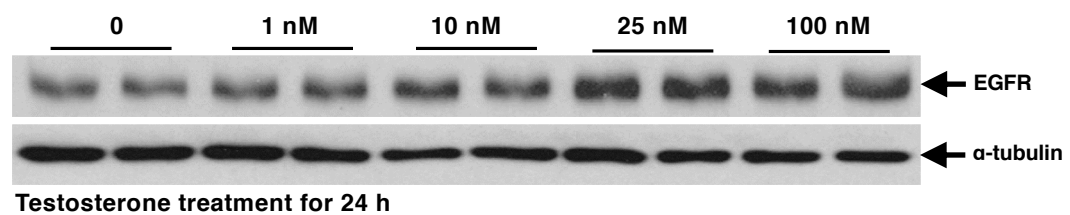


Supplemental Figure S7

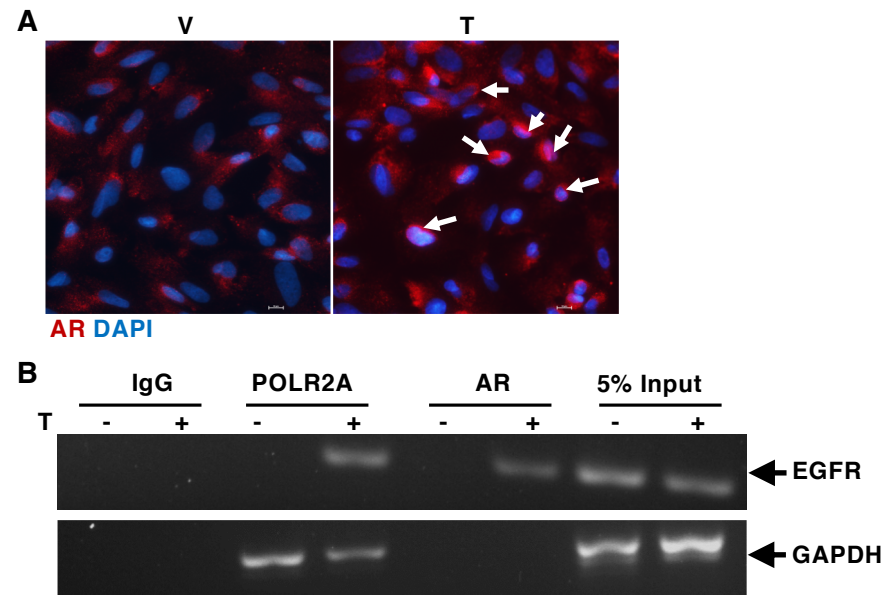




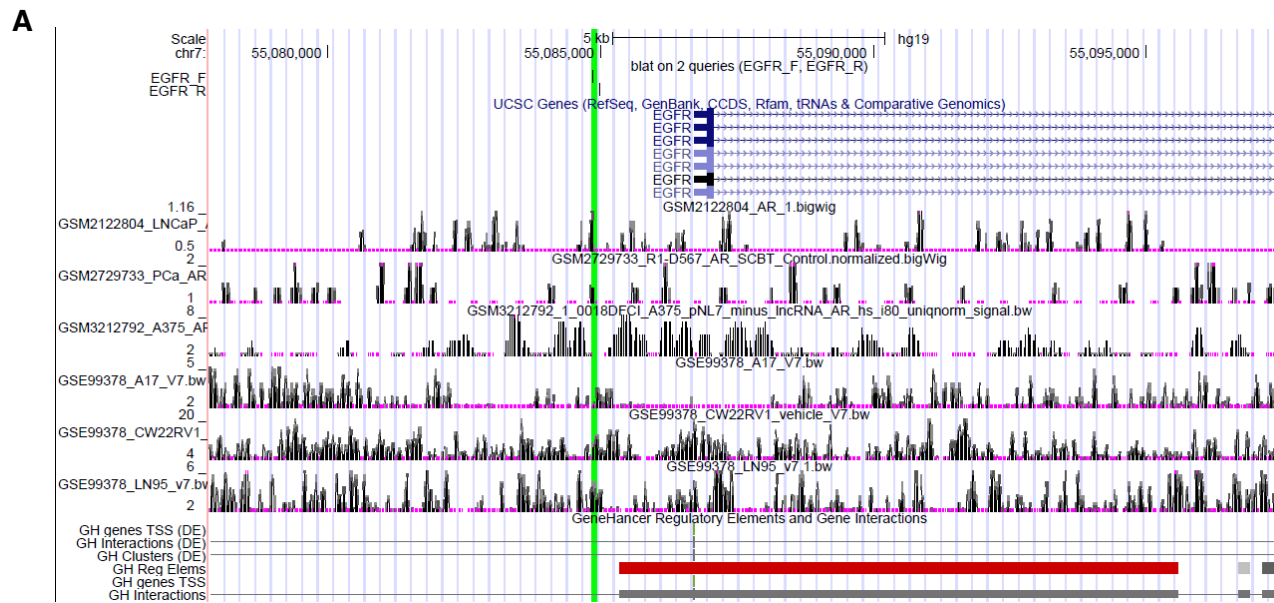
Supplementary Figure S8



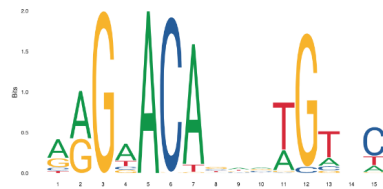
**Supplemental Figure S9**



Supplemental Figure S10



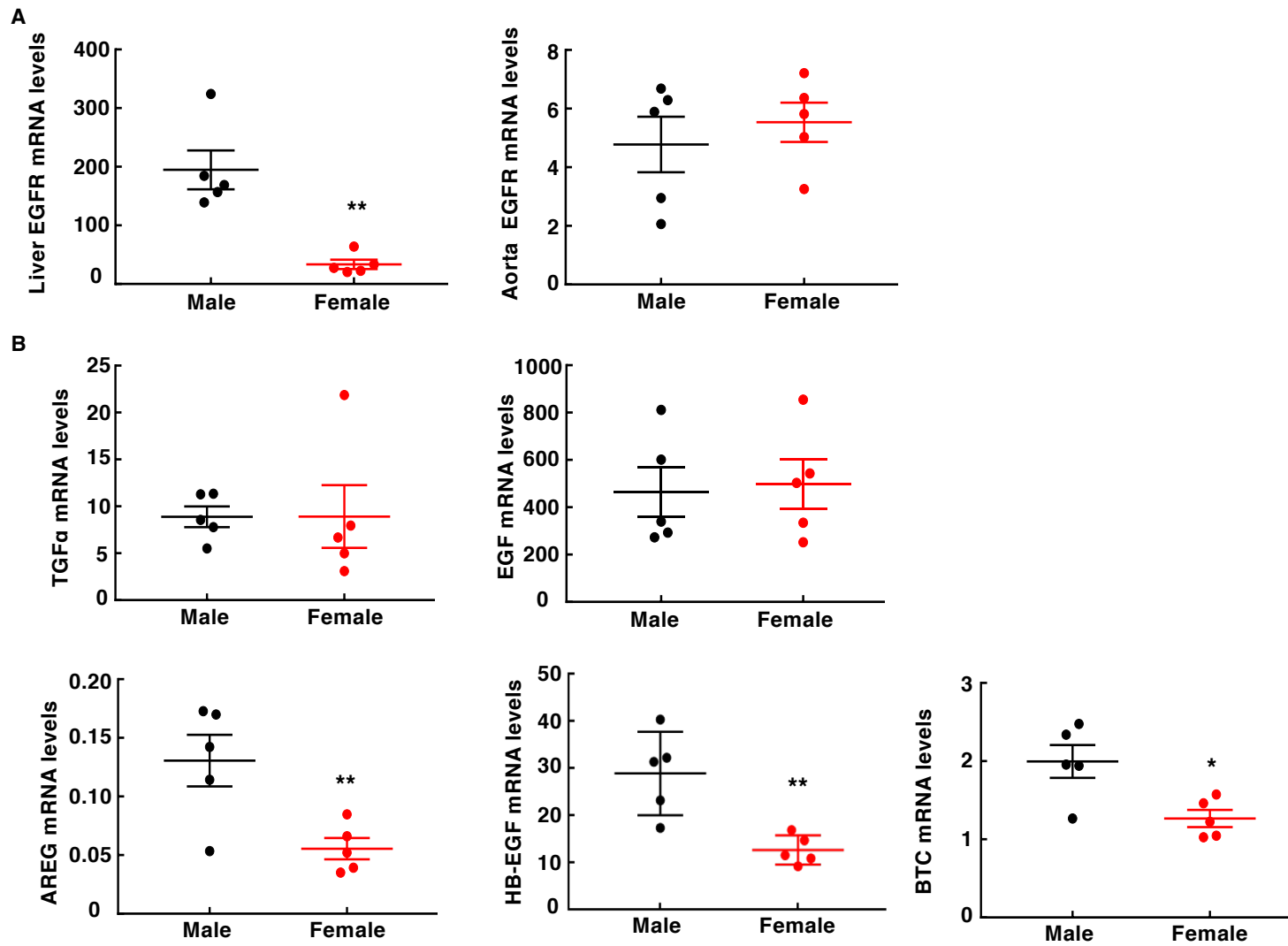
**B** Androgen Receptor Matrix



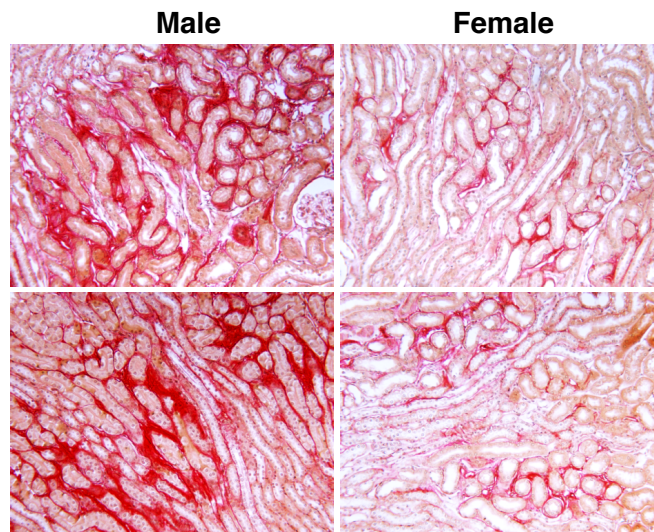
**C**

| Motif ID | Alt ID | Sequence Name | Strand | Start | End  | p-value  | q-value | Matched Sequence |
|----------|--------|---------------|--------|-------|------|----------|---------|------------------|
| MA0007.2 | AR     | FP011054      | -      | 1978  | 1992 | 6.75e-06 | 0.067   | AAGAACAATAAGTAC  |

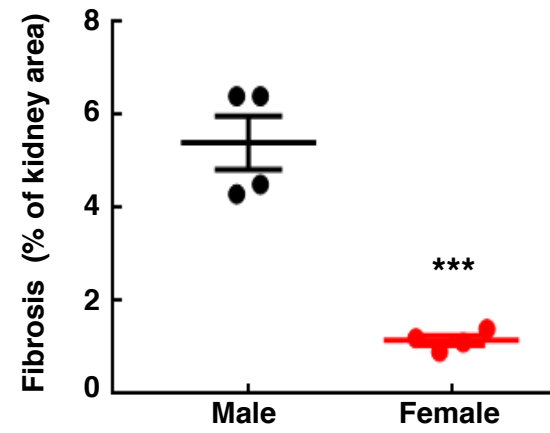
**Supplemental Figure S11**



Supplemental Figure S12



Sirius red staining: x 100.



Supplemental Figure S13