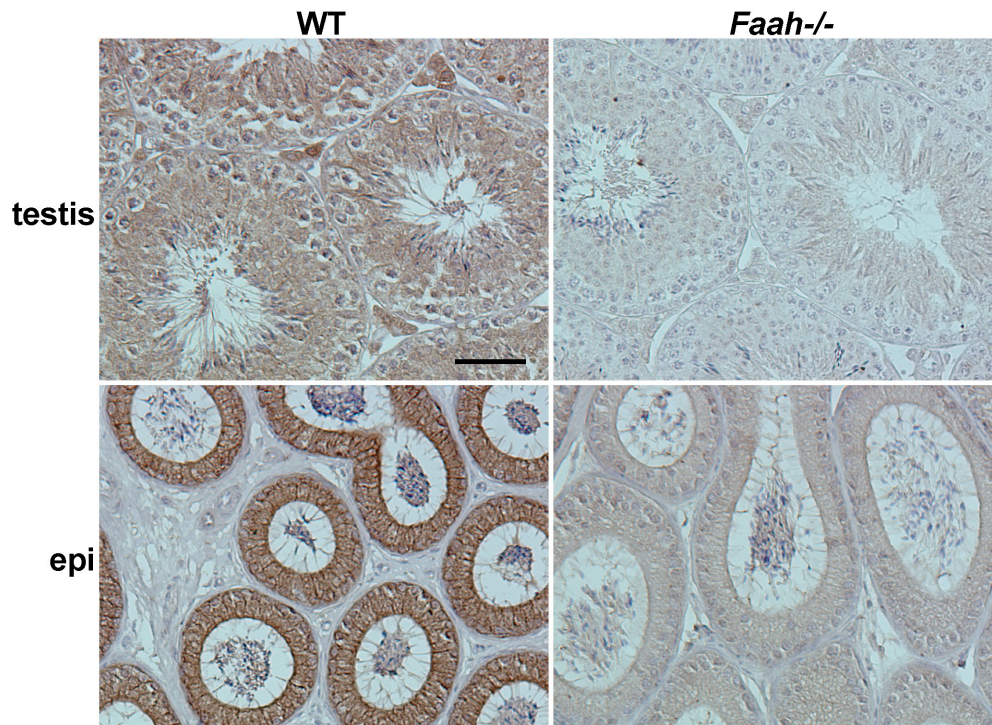
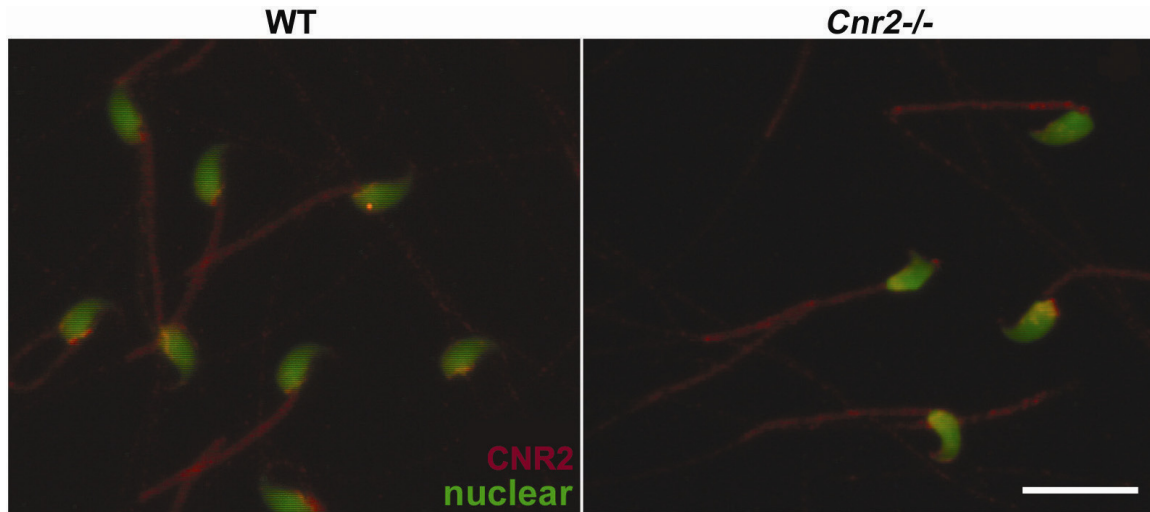


Sun et al., Supplemental Figure 1



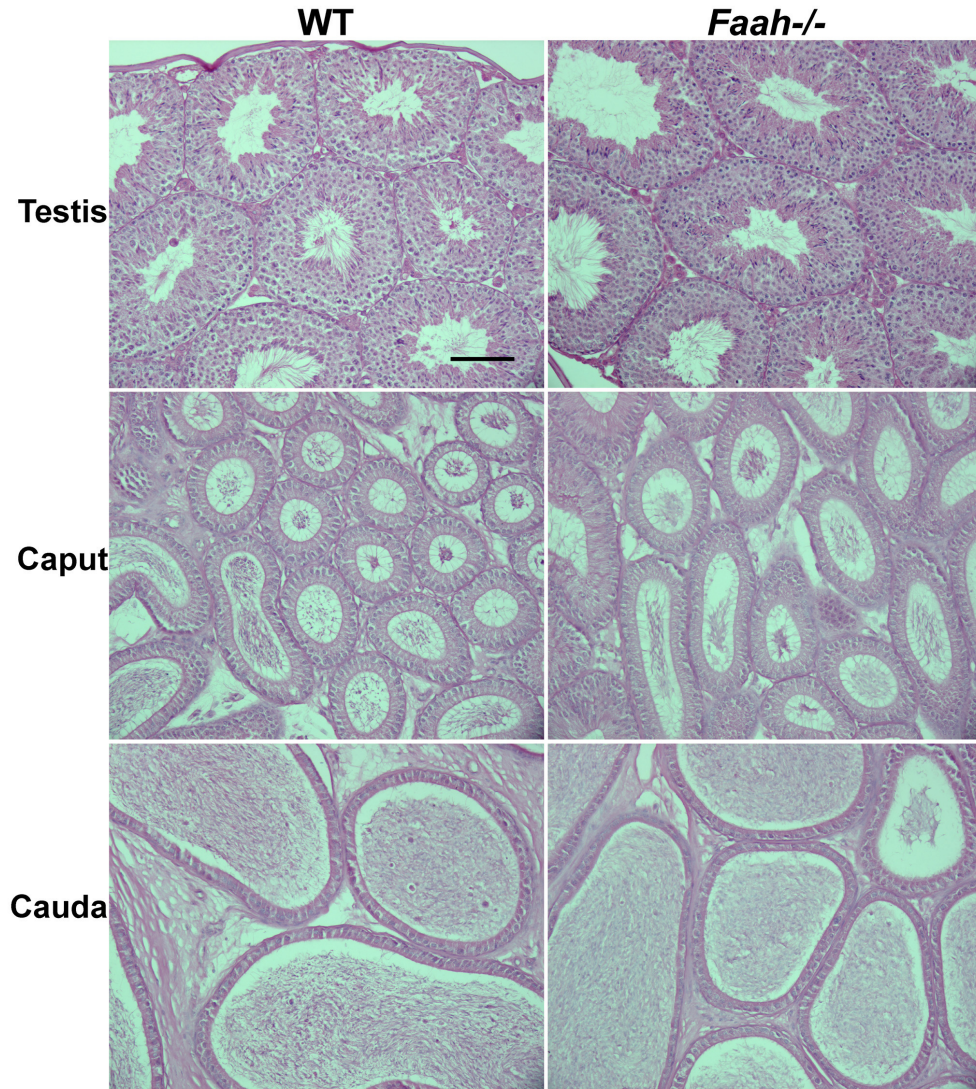
Supplemental figure 1. FAAH protein is absent in *Faah*^{-/-} testis and epididymis. Immunostaining of FAAH in the testis and epididymis of WT and *Faah*^{-/-} mice. Epi, epididymis. Bar, 50 μ m.

Sun et al., Supplemental Figure 2



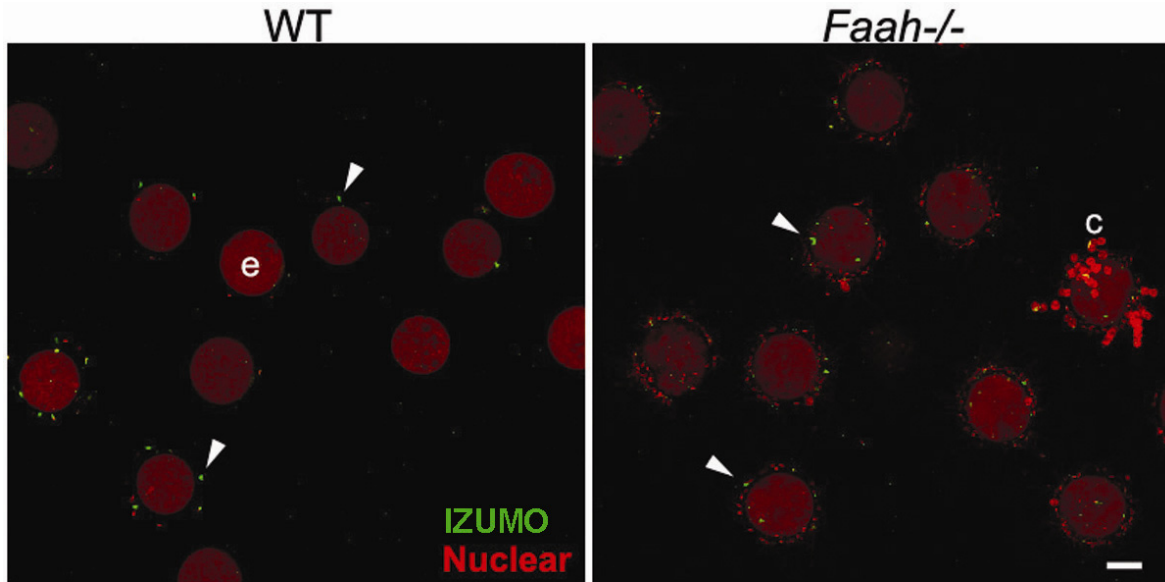
Supplemental figure 2. CNR2 is undetectable in sperm. Non-specific fluorescence (red) was noted in the midpiece of both WT and *Cnr2*^{-/-} sperm. Bar, 10 μ m.

Sun et al., Supplemental Figure 3



Supplemental figure 3. The histology of *Faah*^{-/-} testis and epididymis is comparable to those of WT mice. H&E staining of the testis, caput and cauda sections from *Faah*^{-/-} males show similar histology as WT males. Bar, 100 μ m.

Sun et al., Supplemental Figure 4



Supplemental figure 4. Immunofluorescence of IZUMO in sperm. After 2 hours of incubation with zona-intact WT eggs, sperm on the zona were stained with propidium iodide (red) and with antibody to IZUMO (green). Arrowheads indicate acrosome-reacted sperm on eggs. Bar, 40 μ m. e, egg; c, cumulus cells.