



Supplementary Figures S2 Morphological and histological examination of testis, epididymis and sperm count between wild-type and *Aqp3*^{-/-} mice. **A.** Paraformaldehyde fixed, hematoxylin/eosin-stained sections of testis and epididymis. Scale represents 20 μ m. **B,C.** Testicular weight (**B**) (after 24 hours fixation in Paraformaldehyde) and sperm count (**C**) is comparable between wild-type and *Aqp3*^{-/-} male ($P > 0.05$, Student's t test). Numbers within the bars indicate number of mice used for each assay. Error bars represent s.e.m. **D.** Ultrastructural analyses of wild-type and *Aqp3*^{-/-} sperm reveals comparable internal tail structure. Scale bars represent 0.2 μ m.