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 343 **Supplementary Figure 1.** Representative images showing negative control of immunofluorescence staining in the
 344 bovine epididymis. Negative control for B1-VATPase (A and D). Negative control for KRT5 (B and E). Negative
 345 control for double-labeling with V-ATPase and KRT5 (C and F). Nuclei counterstaining was carried out by DAPI
 346 (blue). Scale bar = 20 μ m. Western blots for B1-VATPase and KRT5 in the caput, corpus, and cauda epididymis (G).
 347 Epididymal morphology is shown by H&E staining. Caput epididymis (H and K), corpus epididymis (I and L), and
 348 cauda epididymis (J and M). Principal (p), clear (c), basal (b) cells and spermatozoa (s) appear in the epididymis. Scale
 349 bar = 20 μ m.