Supplemental data.

Manuscript: Madsen, Bollinger, Brauckhoff and Engelund: Gene expression profiling of proximal and distal renal tubules in Atlantic salmon (*Salmo salar*) acclimated to fresh water and seawater.



Figure S1. Relative expression level of *sglt-1* in fresh water (FW) and seawater (SW) Atlantic salmon (*S. salar*) tissue homogenates analyzed by qpcr (n=2). Expression levels were normalized to elongation factor 1-alpha (n=2).



Figure S2. SGLT-1 (red) and Na+,K+-ATPase alpha subunit localization in intestine of FW-acclimated Atlantic salmon (*S. salar*). Tissue sections were incubated with a cocktail of rabbit antiserum against mouse SGLT-1 and a monoclonal mouse antibody against a conserved region of the alpha-subunit (a5, The Developmental Studies Hybridoma Bank developed under the auspices of the National Institute of Child Health Development and maintained by the University of Iowa, Department of Biological Sciences, Iowa City, IA, USA). Nuclei are counterstained with DAPI (blue).