



Supplementary Figure S6. Similar levels of Cl⁻ uptake by oocytes expressing hAE2 and its variant A703T.

(A) *Xenopus laevis* oocytes were injected with 2 ng cRNA encoding human wild-type (WT) *SLC4A2* (hAE2) or missense variant A703T, or with cRNA encoding the same polypeptides with C-terminal HA-tags. 3 days post-cRNA injection, oocytes were subjected to a 30 min ³⁶Cl⁻ uptake assay. Uninjected oocytes served as control. Mutant and WT uptake was indistinguishable. (B) Parallel experiment demonstrating that Cl⁻ uptake by mouse *SLC4A2* (AE2) variant A699T or its HA-tagged form was similar to that of wild type mouse AE2 or its HA-tagged form. *, p < 0.0001 vs. mAe2 WT (t-test). Means ± S.E.M. for 10 oocytes in each group.