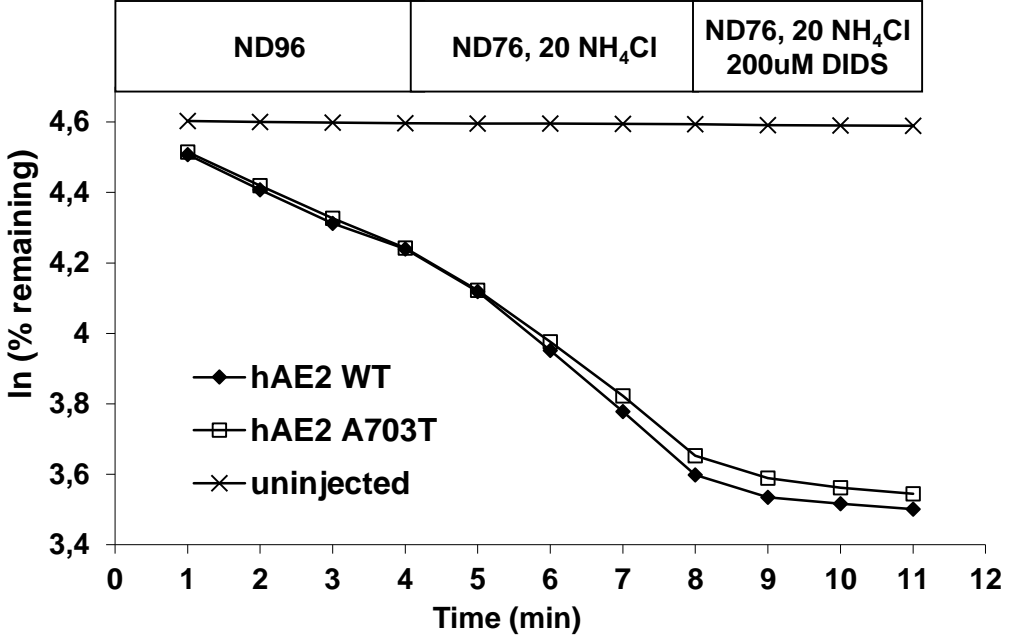
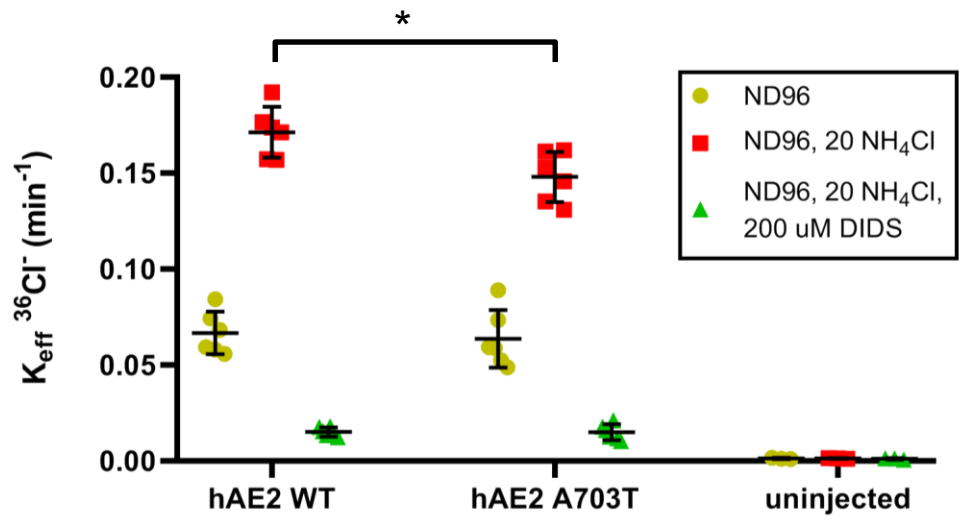


A**B**

Supplementary Figure S10. Slightly reduced activation by NH₄⁺ of ³⁶Cl_i/Cl_o exchange mediated by hAE2 and variant A703T compared to hAE2 WT. (A) ³⁶Cl⁻ efflux traces from representative individual oocytes expressing 2 ng hAE2 or hAE2 A703T cRNA, or from an uninjected oocyte, during sequential exposure to baths containing first ND96, then ND76 plus 20 mM NH₄Cl, followed by addition of DIDS. (B) ³⁶Cl⁻ efflux rate constants of oocytes expressing hAE2 and hAE2 A703T in the conditions shown in panel A. *, p<0.05 vs. hAE2 WT NH₄⁺-stimulated value. Means ± S.E.M. for (6) oocytes.