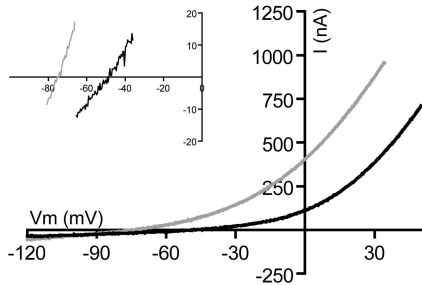
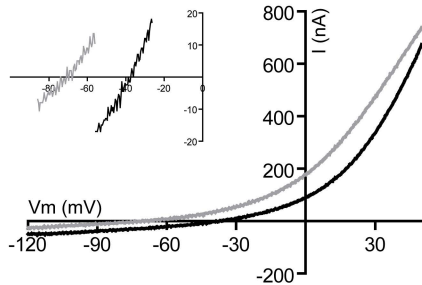


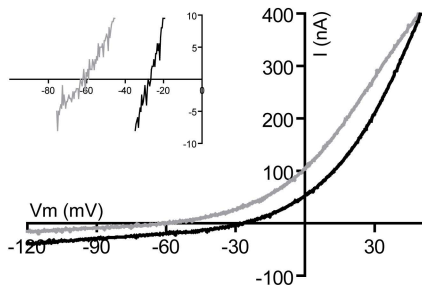
Chick $\alpha 9N110D\alpha 10$



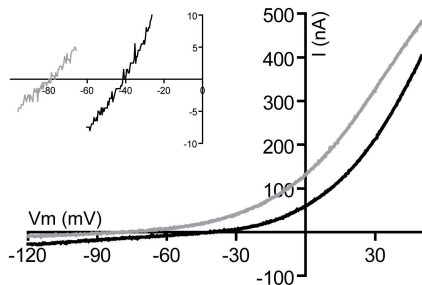
Chick $\alpha 9F127S\alpha 10$



Chick $\alpha 9D-4'A\alpha 10$



Chick $\alpha 9N110D/F127S/D-4'A\alpha 10$



Supplementary fig. 4. *Chicken mutant receptors. Relative calcium permeability.* Representative I-V curves obtained by application of voltage ramps (-120 to +50 mV, 2 s) at the plateau of the response to 100 μ M ACh in oocytes superfused with N-methyl glucamine-based solutions containing different Ca^{2+} concentrations (0.5 and 5 mM), for oocytes expressing chicken $\alpha 9\alpha 10$ mutant receptors. Insets: magnification near the E_{rev} . Upper panels, extracellular vestibule mutant receptors: chicken $\alpha 9N110D\alpha 10$ (left) and chick $\alpha 9F127S\alpha 10$ (right). Lower panels, chicken $\alpha 9D-4'A\alpha 10$ mutant receptor (left) and chicken $\alpha 9N110D/F127S/D-4'A\alpha 10$ triple mutant receptor (right).