

Fig. S7 Representative traces of mutants F137A, I171A, D172A, R207Q and R210Q in the absence (black) or presence (red) of 5  $\mu$ M ztz240 (left) and corresponding G-V curve (right). The representative traces of the mutants were elicited by depolarization to +50 mV. Date are presented as means  $\pm$  S.E.M (n  $\geq$  5).