

Figure S1

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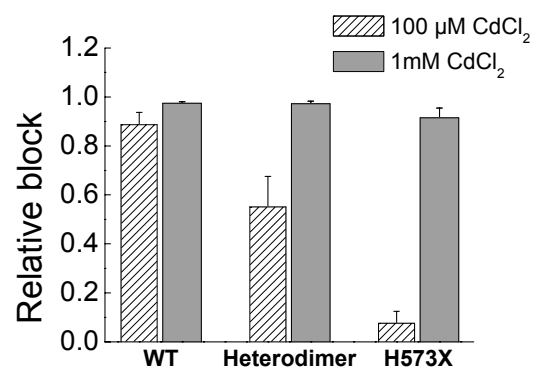


Figure S1 Block of full length and truncated ClC-2 by Cd²⁺

Relative block of WT hClC-2 (n=4), H573X hClC-2 (n=5) and H573X-WT hetero-concatamers (n=5) determined 5 minutes after application of 100 μ M or 1 mM CdCl₂.

Figure S2

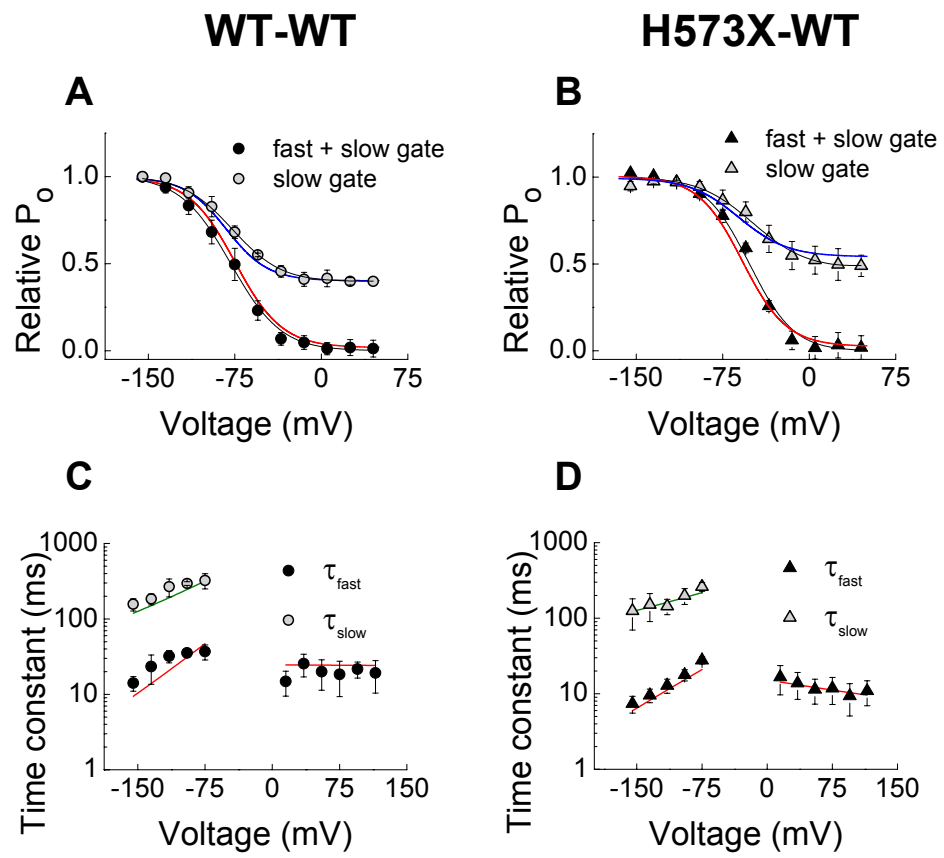


Figure S2 Electrophysiological characterization of WT-WT and H573X-WT hClC-2 concatamers

A, Voltage dependences of the relative apparent ($n=5$) and slow gate ($n=4$) open probabilities for WT-WT homo-concatamer. Continuous black lines give fits to Boltzmann functions. The red and the blue lines depict the relative apparent and slow gates open probabilities of WT hClC-2. *B*, Voltage dependences of the apparent ($n=3$) and slow gates ($n=3$) open probabilities for H573X-WT hetero-concatamers. Continuous lines give fits to Boltzmann functions. The red and the blue lines depict the relative apparent and slow gates open probabilities of the WT-H573X hetero-concatamer. *C*, Voltage-dependences of the fast and slow activation and deactivation time constants of the WT-WT homo-concatamer ($n=5$). Red and green lines depict the correspondent time constants in hClC-2 WT. *D*, Voltage-dependences of the fast and slow activation and deactivation time constants of the H573X-WT hetero-concatamer. Red and green lines depict the correspondent time constants in WT-H573X hetero-concatameric channels.