

Supporting Information

Yang et al. 10.1073/pnas.1000357107

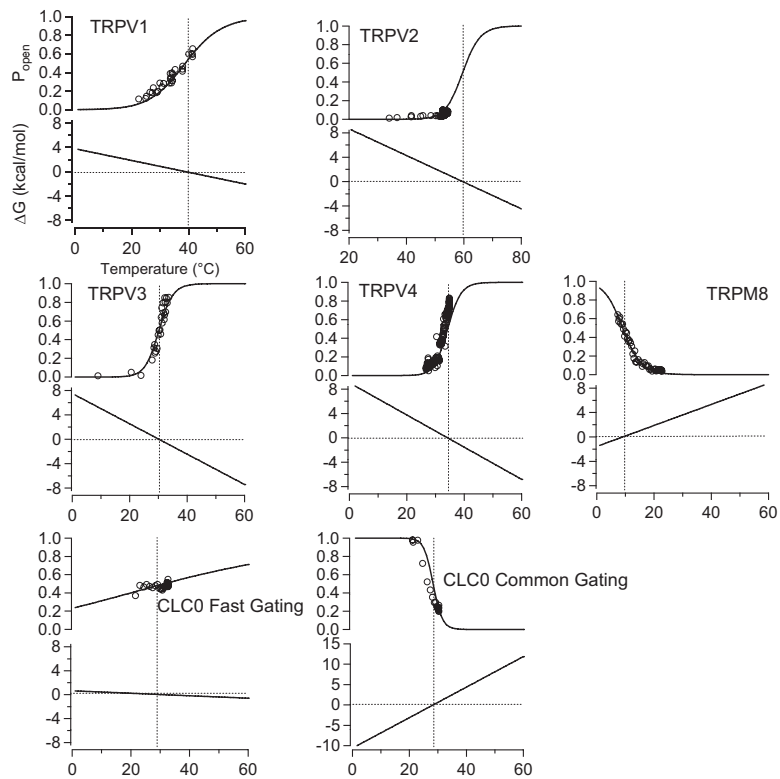


Fig. S1. The channel open probability and free energy associated with temperature-sensitive activation for each thermoTRP channel type and CLC-0. Raw data points represent channel open probabilities recorded from inside-out patches. Superimposed are P_{open} -Temperature curves calculated from thermodynamic measurements of ΔH and ΔS . Vertical dotted lines indicate $T_{0.5}$.

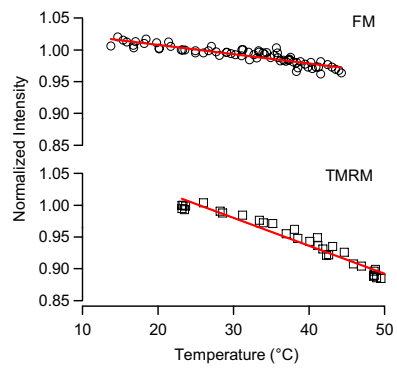


Fig. S6. Temperature dependence of fluorescence emission by FM and TMRM. Red lines represent linear fits. The slope factors for FM and TMRM are $-0.00146/\text{degree}$ and $-0.00439/\text{degree}$, respectively.