

Figure S1. Time-correlated single photon counting data for apical 2AP in dSLIV. Black 5° C with subsequent shades of gray corresponding to 10°, 20°, 30°, and 40° C. [dSLIV] = 2  $\mu$ M in 20 mM KCl, 2.5 mM sodium cacodylate, pH 7.4, 0.5 mM EDTA. X-axis is shown by channel, where 1000 channels is 32.5 ns; final time point is 130 ns.

