

Supplemental Materials

Supplemental Figure 1. Kinetics of fluorescence increases of VCOP mutants in the retinal Schiff base environment. Pigments (VCOP, A and B, VCOP^{D108E}, C and D, and VCOP^{S85C}, E and F) were suspended to 0.5 μ M and illuminated with 0.5 sec flashes of white light (*red arrows*) at 10°C. Panels B, D, and F show the data following the initial light flash from Panels A, C and E and a fit to a single exponential and the the half time values for the fit are shown (+/- 4 s).

