Supporting Information

Figure S1: Dark-state recovery time-constant of AsLOV2 plotted as a function of protein concentration in presence of 100 mM imidazole. The dashed line represents the linear fit of the data.

Figure S2: At pH 8, the recovery time constant of AsLOV2 is 30 s in the absence of DEPC (solid line) and 65 s in the presence of 5 mM DEPC (dashed line), demonstrating a significant effect that may be attributed to histidine modification.