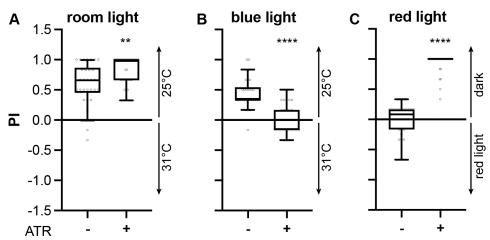
HC>GtACR2/CsChrimson



S9 Fig. Single-fly thermotactic and optogenetic assays of HC>GtACR2/CsChrimson. (A) PI of HC>GtACR2/CsChrimson that were raised with (+) or without (-) dietary retinal (ATR) under ambient room light condition. n=30; Mann-Whitney test; **, p<0.01. HC>GtACR2/CsChrimson is HC-Gal4;UAS-GtACR2.EYFP/UAS-CsChrimson.mVenus. (B) PI of HC>GtACR2/CsChrimson that were raised with (+) or without (-) dietary retinal (ATR) under blue light condition. n=30; Mann-Whitney test; ****, p<0.0001. (C) PI of HC>GtACR2/CsChrimson that were raised with (+) or without (-) dietary retinal (ATR)

under red light condition. n = 30; Mann-Whitney test; ****, p' < 0.0001.