



Figure S4. Sleep levels in different genetic backgrounds (related to Figure 3). Sleep duration for Chrimson expressed in the 3A-gal4 circuit (A), R79D04 circuit (B) and R27B03 circuit (C), in flies under baseline (no red light) conditions, on ATR. Gal-4/+ baseline sleep data is shown alongside UAS-Chrimson/+ and UAS-gal4>Chrimson baseline sleep data from Figure 3. N>29 flies for each genotype. Error bars show the s.e.m. One-way ANOVA with Tukey's multiple comparisons was used to compared sleep duration between genotypes across the day and night. *p<0.05, ***p<0.001.