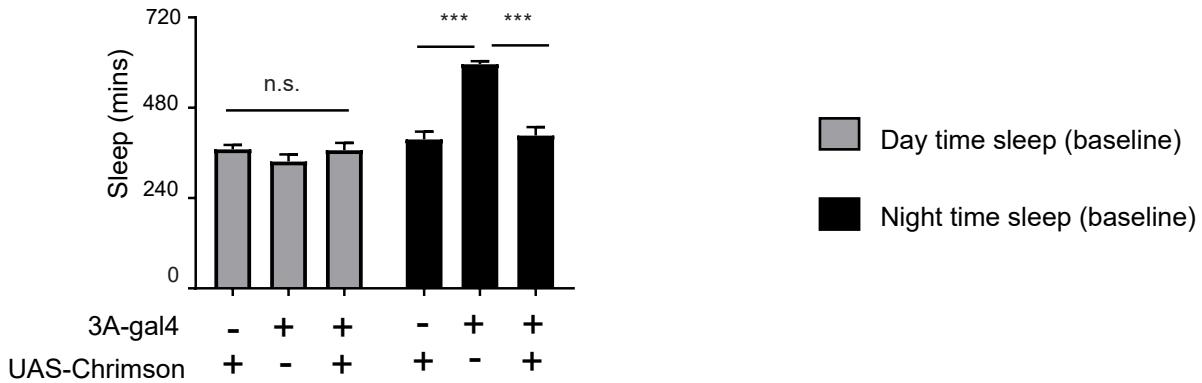
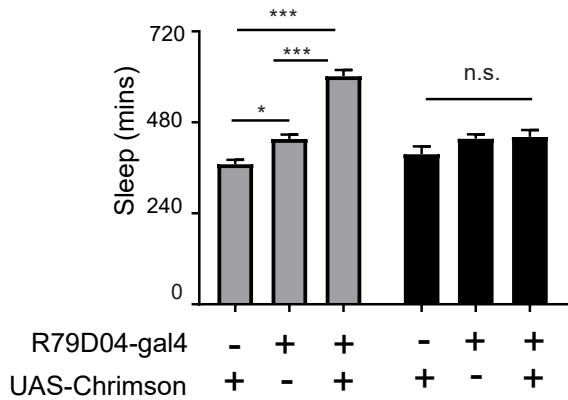
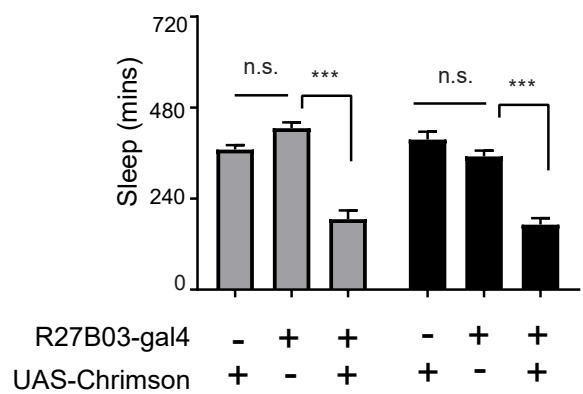


**A** 3A-gal4 > UAS-chrimson**B** R79D04 > UAS-chrimson**C** R27B03 > UAS-chrimson

**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.  
\* $p<0.05$ , \*\*\* $p<0.001$ .