

Figure S1. The mRNA expression of clock genes in Caco-2 cell and HT-29 cell co-culture system. The mRNA expression rhythm of *CLOCK* (A&B), *RORA* (C&D), and *CRY1* (E&F). Each point represents mean \pm SEM, $n = 3$. * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$ unpaired one-way ANOVA between Vehicle, TNF- α + IL-17A, TNF- α + IL-17A + 100UA.

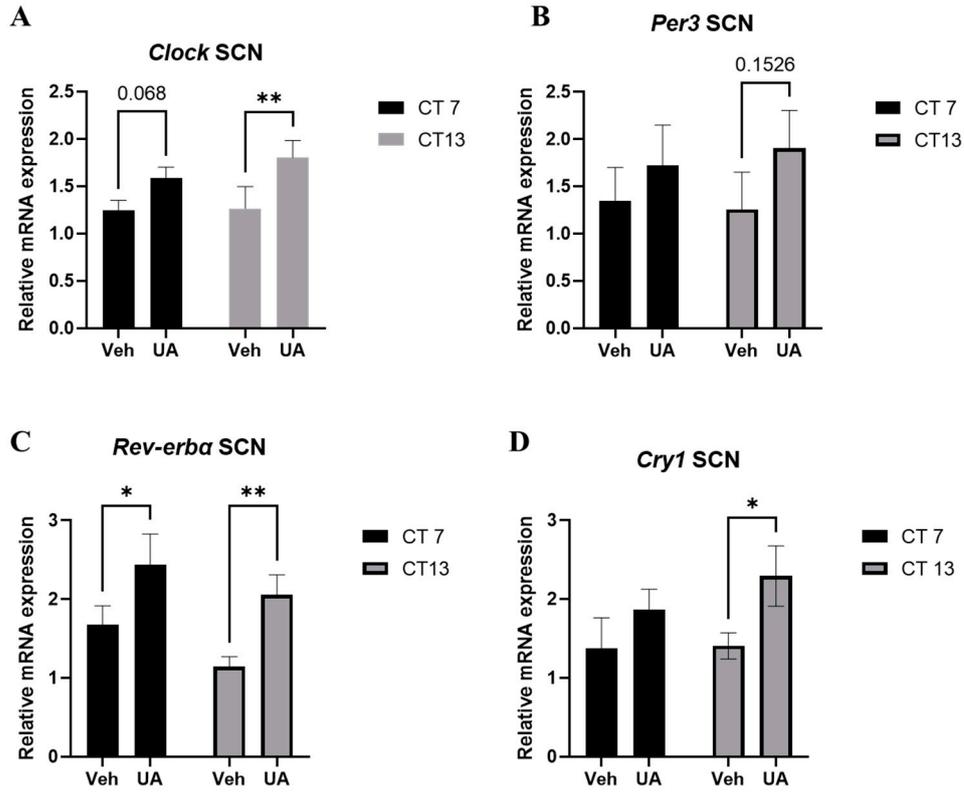


Figure S2. The mRNA expression of clock related genes in the SCN. The mRNA expression level of Clock(A), Per3(B), Rev-erba(C), and Cry1(D). Each point represents mean \pm SEM, $n = 3$, n refers to number of animals. * $p < 0.05$, ** $p < 0.01$, unpaired t-test between Vehicle and UA.