****

**Suppl. Figure S12.** (**A, B**) Circadian oscillations of the modified Mirsky *et al*. model, projected on the (*Per1,Per2*) and (*Cry1,Cry2*) phase-planes at different values of *λ*, the maximum rate of synthesis of antisense (*Per2AS*) RNA. Solid blue lines: oscillations in the absence of *Per2AS* (. In panel A, when , the amplitudes of both *Per1* and *Per2* increase, although there is no direct effect of *Per2AS* on *Per1* expression. As the level of *Per2AS* is further increased, the amplitude of *Per2* drops, but the amplitude of *Per1* increases. In other words, panel A shows that the amplitudes of *PERIOD* transcripts, *Per1* and *Per2*, are independent and uncorrelated, when *Per2AS* is included in the model. Panel B also suggests that the amplitudes of *Cry1* and *Cry2* are anti-correlated as *Per2AS* levels increase.