SCN-HPT interaction **Short timescales: LP** Concentration (a.u.) 0.8 0.6 0.4 Photoperiod SCN 0.2 Mel EYA3 0 0 12 24 36 48 60 72 Time (hours) SP Concentration (a.u.) 0.8 0.6 0.4 0.2 0 36 12 24 48 60 0 72 Time (hours) SH Concentration (a.u.) 0.8 0.6 0.4 0.2 0

12

0

24

36

Time (hours)

48

60

72