Figure S3 The fit results of RNA expression time-series from the two-loop model using re-optimised parameter sets: L9, L12, L13, L14, L27 and L39 (the re-optimised parameter sets of set9, set 12, set13, set14, set27 and set39, respectively). Here, three selected simulations of all twelve fitted RNA time-series were presented, comprising of TOC1 expression in wild-type under constant light (WT-LL) and 16:8 light;dark cycle (WT-16L8D), and TOC1 expression in lhycca1 double mutant under constant light (lhycca-LL). The blue solid line with marker demonstrates the experimental data while the pink and red solid line indicates the model simulated results. The y-axis is the RNA concentration, while the x-axis is time in hour.