Figure S7 The parameter surface developed from 2D sensitivity analysis of the two-loop model based on the highly sensitive parameters of each reference parameter set (*L9, L12, L13, L14, L27,* and *L39)*: P2 (*n1*)-LHY transcription, P4 (*m1*)-Max. *LHY* mRNA degradation rate, P13 (*n2*)-Max. *TOC1* transcription rate, P16 (*g3*)-*TOC1* transcription, P19 (*p2*)-Rate constant of *TOC1* mRNA translation, P42 (*m12*)-*Y* mRNA degradation rate, P49 (*m14*)-Yp in cytosol degradation, P52 (*g6*)-*Y* transcription rate, and P54 (*b*)-Hill coefficient of activation by protein Y. The red star illustrates the position of reference parameter set which is always the minimum cost region on the parameter surface. X and Y axis are the perturbation of sensitive parameters and Z axis is cost function corresponding to the parameter perturbation.