Figure S2. Time course simulation of Chen’s model with over-expression of its components. (A-D)
Time course simulation with gradual increase of the expression of CDC14 alone (A, parameter $k_{s,14}$), both CDC14 and NET1 (B, parameter $k_{s,14}$ and $k_{s,net}$), ESP1 alone (C, parameter $[Esp1]_T$), and both ESP1 and PDS1 (D, parameter $[Esp1]_T$, $k'_{s,pds}$, $k''_{s1,pds}$ and $k''_{s2,pds}$). Each parameter was increased at the rate of 12% of its original value per hour. Arrowhead indicates the timing when the simulation results in the cell cycle failure (abnormal chromosomal segregation at time).