A

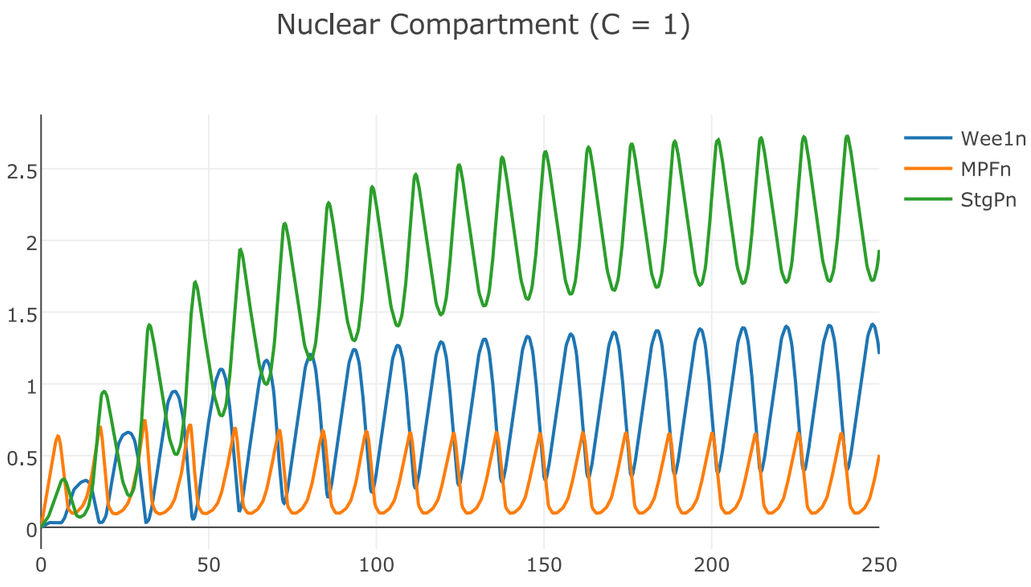
```
%model ./model/BIOMD0000000144.xml
model *Model_generated_by_BIOCHAM()
  ...
  N := 1.95^C; // Number of divisions
  ...
  R_41: Wee1n => Wee1Pn; nuclei*((kiweep + kiwee*MPFn)*Wee1n/(Jiwee +
Wee1n));
  R_42: Wee1Pn => Wee1n; nuclei*(kawee*Wee1Pn/(Jawee + Wee1Pn));
  R_43: Stgn => StgPn;    nuclei*((kastgp + kastg*MPFn)*Stgn/(Jastg +
Stgn));
  R_44: StgPn => Stgn;    nuclei*(kistg*StgPn/(Jistg + StgPn));
  ...
  C = 1; // Cycle counter (1 or 12)
  ...
end
// -- End Antimony block

%tasks ./experiment/Calzone2007-simulation-figure-1B.xml --master=True
...
// Outputs
plot "Nuclear Compartment (C = 1)" time vs Wee1n, MPFn, StgPn
```

B

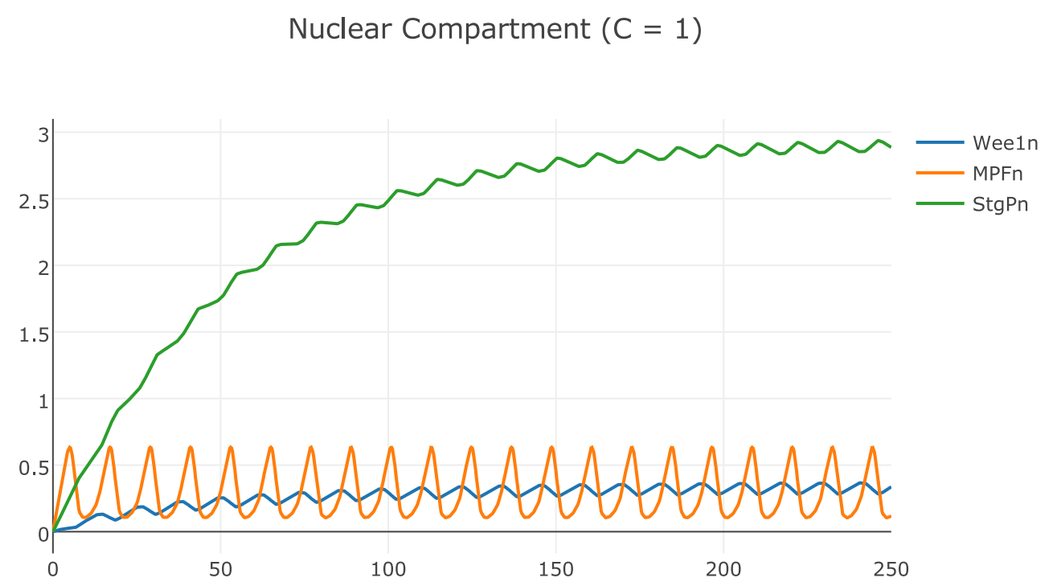
```
%model ./model/BIOMD0000000144.xml
model *Model_generated_by_BIOCHAM()
  ...
  N := 1.95^C; // Number of divisions
  ...
  R_41: Wee1n => Wee1Pn; 0.1*nuclei*((kiweep + kiwee*MPFn)*Wee1n/(Jiwee +
Wee1n));
  R_42: Wee1Pn => Wee1n; 0.1*nuclei*(kawee*Wee1Pn/(Jawee + Wee1Pn));
  R_43: Stgn => StgPn;    0.1*nuclei*((kastgp + kastg*MPFn)*Stgn/(Jastg +
Stgn));
  R_44: StgPn => Stgn;    0.1*nuclei*(kistg*StgPn/(Jistg + StgPn));
  ...
  C = 1; // Cycle counter (1 or 12)
  ...
end
// -- End Antimony block

%tasks ./experiment/Calzone2007-simulation-figure-1B.xml --master=True
...
// Outputs
plot "Nuclear Compartment (C = 1)" time vs Wee1n, MPFn, StgPn
```

Attenuated positive feedback

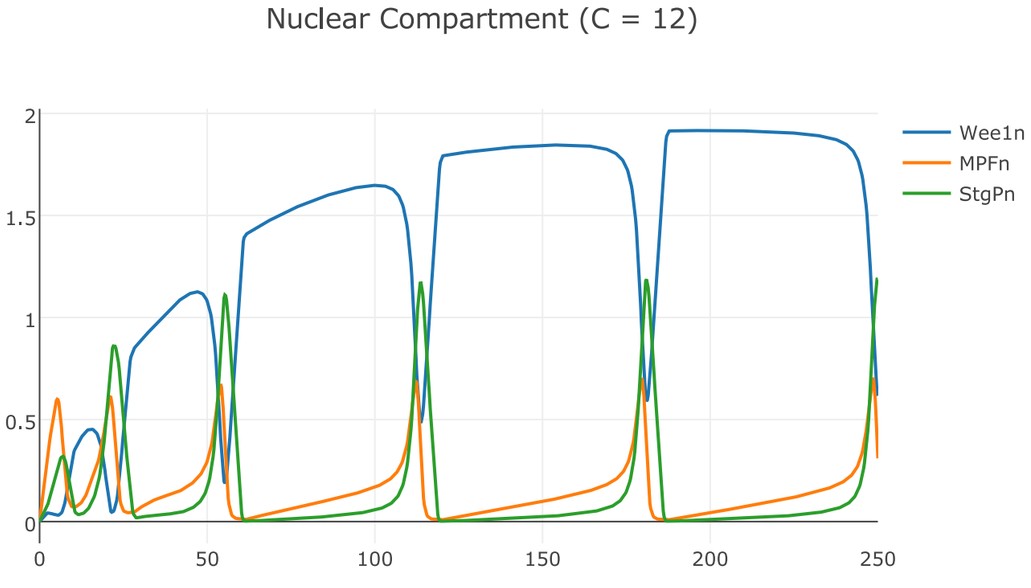
C



D



E



F