

A

Edit Perturbation Protocol

Tree view | Text View

- perturbations
 - perturbation (id=**IL-4 Pulse**, initialstate=**TH0**)
 - singlepulse (parameter=**state**, target=**IL-4**, time=**3.5**, value=**1.0**)
 - perturbation (id=**Perturbation of Th2 state**, initialstate=**TH0**)
 - singlepulse (parameter=**state**, target=**IL-4**, time=**3.5**, value=**1.0**)
 - singlepulse (parameter=**state**, target=**IFN-g**, time=**10.0**, value=**1.0**)
- states
 - state (id=**TH0**)
 - activenode (id=**GATA3**, state=**0.0**)
 - activenode (id=**IFN-b**, state=**0.0**)
 - activenode (id=**IFN-bR**, state=**0.0**)
 - activenode (id=**IFN-g**, state=**0.0**)
 - activenode (id=**IFN-gR**, state=**0.0**)
 - activenode (id=**IL-10**, state=**0.0**)
 - activenode (id=**IL-10R**, state=**0.0**)
 - activenode (id=**IL-12**, state=**0.0**)
 - activenode (id=**IL-12R**, state=**0.0**)
 - activenode (id=**IL-18**, state=**0.0**)
 - activenode (id=**IL-18R**, state=**0.0**)
 - activenode (id=**IL-4**, state=**0.0**)

Delete Edit Add

Cancel OK

B

Edit Perturbation Protocol

Tree view | Text View

```
<?xml version="1.0" encoding="UTF-8"?>
<protocol level="1.0">
  <perturbations>
    <perturbation id="IL-4 Pulse" initialstate="TH0">
      <singlepulse parameter="state" target="IL-4" time="3.5" value="1.0" />
    </perturbation>
    <perturbation id="Perturbation of Th2 state" initialstate="TH0">
      <singlepulse parameter="state" target="IL-4" time="3.5" value="1.0" />
      <singlepulse parameter="state" target="IFN-g" time="10.0" value="1.0" />
    </perturbation>
  </perturbations>
  <states>
    <state id="TH0">
      <activenode id="GATA3" state="0.0" />
      <activenode id="IFN-b" state="0.0" />
      <activenode id="IFN-bR" state="0.0" />
      <activenode id="IFN-g" state="0.0" />
      <activenode id="IFN-gR" state="0.0" />
      <activenode id="IL-10" state="0.0" />
      <activenode id="IL-10R" state="0.0" />
      <activenode id="IL-12" state="0.0" />
      <activenode id="IL-12R" state="0.0" />
      <activenode id="IL-18" state="0.0" />
    </state>
  </states>
</protocol>
```

Cancel OK