



Model (transreg56_7_0)

- Variables
 - Crp
 - Cya
 - Fis
 - GyrAB
 - GyrI
 - RpoS
 - RssB
 - Signal
 - TopA
 - rrn
- Initial conditions
 - exp_to_stat
 - stat_to_exp
- Atomic propositions
 - inc_rrn
 - dec_rrn
 - high_RpoS
 - low_rrn
- Properties
 - Prop_HighRpoS_lowrrn

Influence graph

Atomic proposition high_RpoS

Property Prop_HighRpoS_lowrrn

Patterns

Expert

Occurrence

 It is possible for a state true to occur

Consequence

 If a state true occurs, then it is possibly followed by a state true

Sequence

 A state low_rrn is reachable and is necessarily preceded at some time by a state high_RpoS

 at some time
 all the time

Invariance

 A state true can persist indefinitely

Use selected Pattern

Clear

 Check syntax

 $EF (low_rrn) \text{ and not } E [\text{not } high_RpoS \cup low_rrn]$

Specify verification...

GyrAB

Fis

