## R1-11

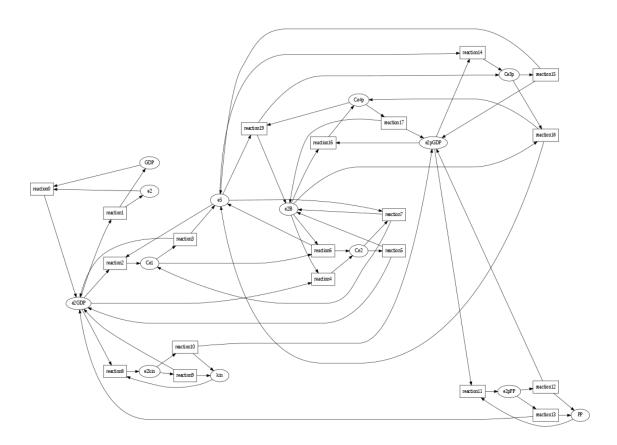
June 10, 2025

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```
[1]: e2 + GDP <=> e2GDP.
    e2GDP + e5 <=> Ce1.
    e2GDP + e2B <=> Ce2.
    Ce1 + e2B <=> Ce2 + e5.
    e2GDP + kin <=> e2kin.
    e2kin => e2pGDP + kin.
    e2pGDP + PP <=> e2pPP.
    e2pPP => e2GDP + PP.
    e2pPP + e5 <=> Ce3p.
    e2pGDP + e2B <=> Ce4p.
    Ce3p + e2B <=> Ce4p + e5.
```

[1]:

```
[2]: draw_reactions.
```



[2]:

[3]: list\_ode.

$$e2B_0 = 0$$

$$Ce3p_0 = 0$$

$$e5_0 = 0$$

$$Ce4p_0 = 0$$

$$e2pGDP_0 = 0$$

$$e2CDP_0 = 0$$

$$e2DPP_0 = 0$$

$$e2DPP_0 = 0$$

$$e2PPP_0 = 0$$

$$e2hin_0 = 0$$

$$e2hin_$$

[3]:			
[]:			