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Dear Dr. Lemberger,

re. Correction to Supplementary materials for Pokhilko et al. MSB 2010.

We regret to inform you that there are minor discrepancies in the Supplementary information for the paper above. We are grateful to our colleagues in Alex Webb's group for bringing the following to our attention. In each case, the SBML file is correct, as are the figures presented in the publication.

1) Supplementary Table 1 includes a parameter *n4* = 0, which is also present in the SBML model file. It corresponds to the background activation of *PRR9* gene transcription. For brevity, this parameter was not presented in the model equations in the Supplement, because it was removed from the final version of the model (value set to 0 in all conditions). The parameter *n4* in the SBML model file is also set to 0, so it has no effect on the model's behaviour in any version, but its absence from the printed equations might cause some confusion.

2) There is a misprint in equation (6) in the Supplementary Information: C_{Tm} in the degradation term should be C_{Tmod} . Again, this is correct in the SBML file. The correct equation should be printed as:

$$\frac{dc_{T\,\mathrm{mod}}}{dt} = p_{15}\frac{{c_T}^f}{{c_T}^f + {g_6}^f} - (m_{25}L + m_{26}D)\cdot c_{T\,\mathrm{mod}} \qquad (6)$$

instead of the published version:

$$\frac{dc_{T\,\mathrm{mod}}}{dt} = p_{15}\frac{{c_T}^f}{{c_T}^f + {g_6}^f} - (m_{25}L + m_{26}D)\cdot c_{Tm} \qquad (6)$$

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3) The final set of model parameters is present in the SBML file. These include a slight modification during the responses to the reviewers, compared to the submitted set that is still listed in the published Supplementary Table 1. Supplementary Table 1 therefore could be corrected as follows:

Parameter n2=0.7 instead of 0.76
Parameter n3=0.06 instead of 0.065
Parameter n5=3.4 instead of 3.95
Parameter n6=1.25 instead of 1.45
Parameter p4=0.268 instead of 0.246
Parameter g4=0.91 instead of 1.07

The differences result in a minor rescaling of the amplitudes of the evening loop components that has no effect on the results or conclusions of the paper. The parameters in the SBML file should be considered the final set, as this parameter set was used to generate all the figures.

Again we apologise for this correction, and thank you in advance for your assistance in bringing it to the attention of MSB's readers in an appropriate fashion.

Yours sincerely,

Prof. Andrew J. Millar
CSBE Director