Matching Dietary Amino Acid Balance to the In Silico-Translated Exome Optimizes Growth and Reproduction without Cost to Lifespan

Matthew D.W. Piper,* George A. Soultoukis, Eric Blanc, Andrea Mesaros, Samantha L. Herbert, Paula Juricic, Xiaoli He, Ilian Atanassov, Hanna Salmonowicz, Mingyao Yang, Stephen J. Simpson, Carlos Ribeiro, and Linda Partridge*

*Correspondence: matthew.piper@monash.edu (M.D.W.P.), partridge@age.mpg.de (L.P.)
http://dx.doi.org/10.1016/j.cmet.2017.04.020

In the originally published version of this article, there were errors in the amino acid ratio values reported in the Supplemental Information accompanying the manuscript. They were as follows: in Table S2, (1) the values for columns under FLYAA were a replica of MM3AA, and (2) the “ratio” columns for MM3AA and MM4AA were based on the mass values rather than the molar values as intended. These same errors were found in Data S1 (tab “Fly_diet aa ratios”). Finally, the molar ratio values for the in silico-translated exome of the “animal” in Data S1 (tab “aa limitations calculator,” column F) did not contain the values for Drosophila melanogaster as intended. These errors have now been corrected in the article online. The authors apologize for the errors and any inconvenience that may have resulted.

© 2017 The Author(s). Published by Elsevier Inc. This is an open access article under the CC BY license (http://creativecommons.org/licenses/by/4.0/).

Clock Regulation of Metabolites Reveals Coupling between Transcription and Metabolism

Saikumari Y. Krishnaiah, Gang Wu, Brian J. Altman, Jacqueline Growe, Seth D. Rhoades, Faith Coldren, Anand Venkataraman, Anthony O. Olarerin-George, Lauren J. Francey, Sarmistha Mukherjee, Saiveda Girish, Christopher P. Selby, Sibel Cal, Ubeydullah ER, Bahareh Sianati, Arjun Sengupta, Ron C. Anafi, I. Halil Kavakli, Aziz Sancar, Joseph A. Baur, Chi V. Dang, John B. Hogenesch,* and Aalim M. Weljie*

*Correspondence: john.hogenesch@cchmc.org (J.B.H.), aalim@mail.med.upenn.edu (A.M.W.)
http://dx.doi.org/10.1016/j.cmet.2017.04.023

In the originally published version of this article, we mislabeled one column in the “Liver_data” tab of Data S1 as LivSet2-17(2) when it should be LivSet1-18. Cell BR2 in the spreadsheet reflects the 17 hr time point (LivSet1-18). The updated version corrects the time points in Row 1 and corrects this label. This mistake does not affect the conclusions of the paper. The authors apologize for this error and any confusion that it may have caused.

© 2017 Elsevier Inc.