

## Accepted Manuscript

A unique respiratory adaptation in *Drosophila* independent of supercomplex formation

Satoru Shimada, Marika Oosaki, Ryoko Takahashi, Shigefumi Uene, Sachiko Yanagisawa, Tomitake Tsukihara, Kyoko Shinzawa-Itoh



PII: S0005-2728(17)30177-9  
DOI: doi:[10.1016/j.bbabbio.2017.11.007](https://doi.org/10.1016/j.bbabbio.2017.11.007)  
Reference: BBABIO 47853

To appear in:

Received date: 15 September 2017  
Revised date: 13 November 2017  
Accepted date: 23 November 2017

Please cite this article as: Satoru Shimada, Marika Oosaki, Ryoko Takahashi, Shigefumi Uene, Sachiko Yanagisawa, Tomitake Tsukihara, Kyoko Shinzawa-Itoh , A unique respiratory adaptation in *Drosophila* independent of supercomplex formation. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Bbabio(2017), doi:[10.1016/j.bbabbio.2017.11.007](https://doi.org/10.1016/j.bbabbio.2017.11.007)

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

*Regular Paper*

**Title: A unique respiratory adaptation in *Drosophila* independent of supercomplex formation**

Satoru Shimada<sup>1,5</sup>, Marika Oosaki<sup>1</sup>, Ryoko Takahashi<sup>1</sup>, Shigefumi Uene<sup>1</sup>, Sachiko Yanagisawa<sup>1,2</sup>, Tomitake Tsukihara<sup>1,3,4</sup>, Kyoko Shinzawa-Itoh<sup>1</sup>

<sup>1</sup>: Department of Life Science, Graduate School of Life Science, University of Hyogo, Koto 3-2-1, Kamigori, Ako, Hyogo, 678-1297, Japan

<sup>2</sup>: Picobiology Institute, Graduate School of Life Science, University of Hyogo, RSC-UH Leading Program Center, Koto 1-1-1, Koto, Sayo-cho, Sayo-gun, Hyogo 679-5148, Japan

<sup>3</sup>: Core Research for Evolutional Science and Technology (CREST), Japan Science and Technology Agency, Kawaguchi, Saitama 332-0012, Japan

<sup>4</sup>: Institute for Protein Research, Osaka University, 3-2 Yamadaoka, Suita, Osaka 565-0871, Japan

<sup>5</sup>: Present address: KNC Laboratories Co., Ltd., 1-1-1 Murotani Nishi-ku Kobe, 651-2241, Japan

**Corresponding Author:** Kyoko Shinzawa-Itoh: Department of Life Science, Graduate School of Life Science, University of Hyogo, Koto 3-2-1, Kamigori, Ako, Hyogo, 678-1297, Japan, Phone:81-791-58-0191, Email: shinzawa@sci.u-hyogo.ac.jp

**Running title: Respiratory adaptation in *Drosophila***

**Highlights: Respiratory adaptation in *Drosophila*, an alternative to supercomplex formation**

Download English Version:

<https://daneshyari.com/en/article/8298679>

Download Persian Version:

<https://daneshyari.com/article/8298679>

[Daneshyari.com](https://daneshyari.com)