

CORRECTION

Open Access

# Correction to: Faulty homocysteine recycling in diabetic retinopathy



Renu A. Kowluru\*, Ghulam Mohammad and Nikhil Sahajpal

**Correction to: *Eye and Vision* (2020) 7:4**  
<https://doi.org/10.1186/s40662-019-0167-9>

In the original publication of this article [1] Fig. 2b is incorrect. The correct Fig. 2 is as below. The original publication has been corrected.

Published online: 28 February 2020

## Reference

1. Kowluru RA, Mohammad G, Sahajpal N. Faulty homocysteine recycling in diabetic retinopathy. *Eye Vis (Lond)*. 2020;7:4. <https://doi.org/10.1186/s40662-019-0167-9>.

---

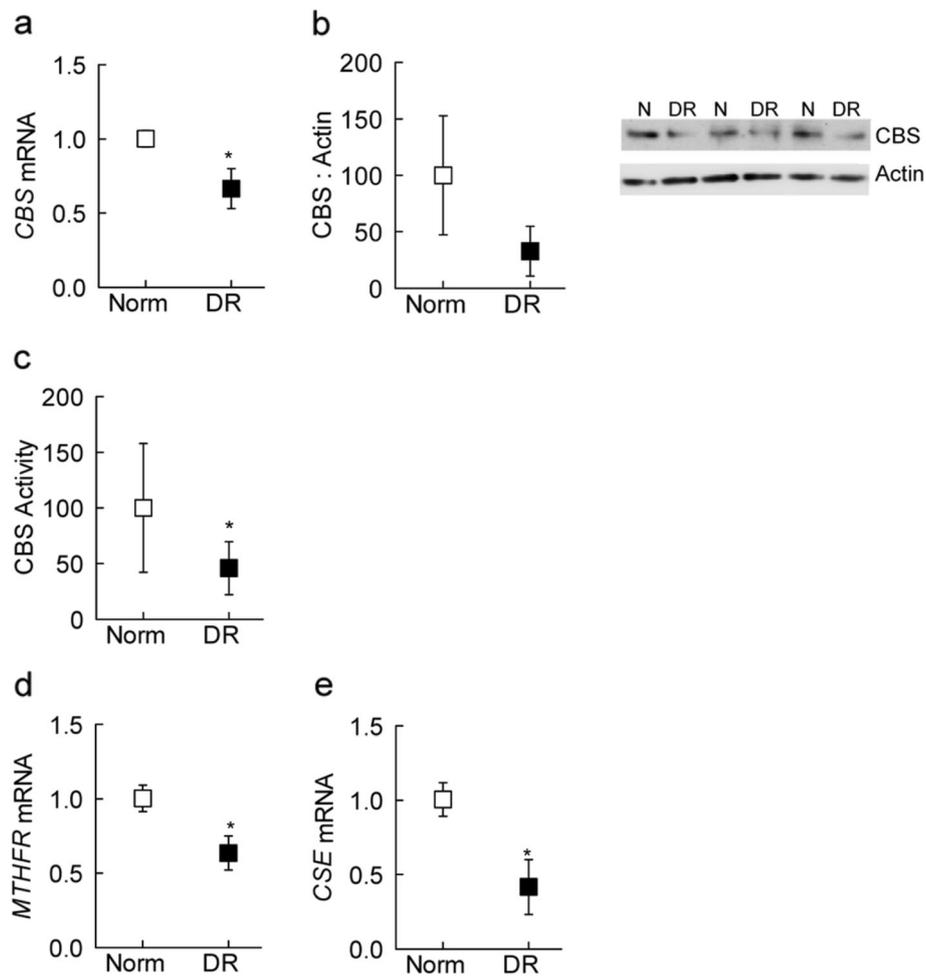
The original article can be found online at <https://doi.org/10.1186/s40662-019-0167-9>

\* Correspondence: [rkowluru@med.wayne.edu](mailto:rkowluru@med.wayne.edu)

Department of Ophthalmology, Visual Sciences and Anatomical Sciences,  
Wayne State University, 4717 St. Antoine, Detroit, MI 48201, USA



© The Author(s). 2020 **Open Access** This article is distributed under the terms of the Creative Commons Attribution 4.0 International License (<http://creativecommons.org/licenses/by/4.0/>), which permits unrestricted use, distribution, and reproduction in any medium, provided you give appropriate credit to the original author(s) and the source, provide a link to the Creative Commons license, and indicate if changes were made. The Creative Commons Public Domain Dedication waiver (<http://creativecommons.org/publicdomain/zero/1.0/>) applies to the data made available in this article, unless otherwise stated.



**Fig. 2** Homocysteine metabolizing machinery in diabetic retinopathy. Retinal microvessels were employed to determine CBS (a) gene transcripts by q-RTPCR, (b) protein expression by Western blotting, using  $\beta$ -actin as a housekeeping gene and loading protein, respectively, and (c) enzyme activity by measuring fluorescence at 368 nm excitation and 460 nm emission wavelengths. Values obtained from nondiabetic controls are considered as 100%. Gene transcripts of (d) *MTHFR* and (e) *CSE* were quantified by q-RTPCR using  $\beta$ -actin as a housekeeping gene. Data are represented as mean  $\pm$  SD, obtained from retinal microvessels from 6 to 8 nondiabetic and 7–8 diabetic retinopathy donors. \* $p < 0.05$  vs. nondiabetic donors