



OPEN

Publisher Correction: Gene expression changes in sickle cell reticulocytes and their clinical associations

Xu Zhang, Jihyun Song, Binal N. Shah, Jin Han, Taif Hassan, Galina Miasniakova, Adelina Sergueeva, Sergei Nekhai, Roberto F. Machado, Mark T. Gladwin, Santosh L. Saraf, Josef T. Prchal & Victor R. Gordeuk

Correction to: *Scientific Reports* <https://doi.org/10.1038/s41598-023-40039-2>, published online 08 August 2023

The original version of this Article contained errors in Figure 3. The numbers in the colour bar of Figure 3B ‘-3, -2, -1, 0, 1, 2, 3’ did not align correctly with the gradients of the colour bar, the two characters “va” within the word “Control-Chuvash” in the legends of grouping annotation of Figure 3A, B overlapped and “Coronavirus disease - Covid-19” in the y-axis labelling in Figure 3D did not align correctly. The original Figure 3 and accompanying legend appear below.

The original Article has been corrected.

Published online: 14 September 2023

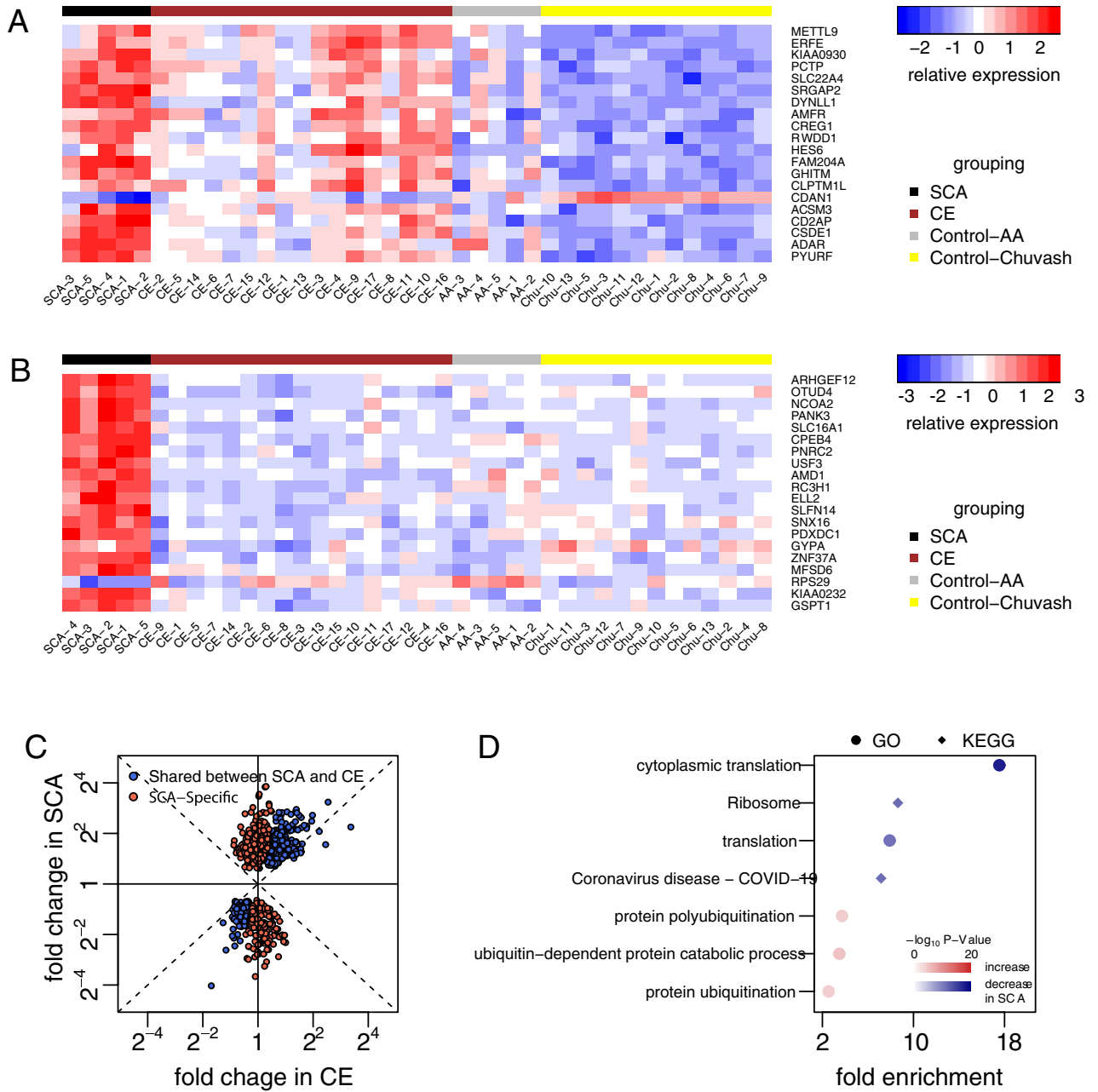


Figure 3. SCA-specific expression changes. **(A,B)** Hierarchical clustering of individuals within groups, using Euclidean distance of gene expression levels of **(A)** the top 20 most significant differential genes in CE whose expression changes were shared in SCA and **(B)** the top 20 most significant genes whose expression changes differed between SCA and CE. Individuals are grouped as SCA, CE, African American controls (Control-AA), and Chuvash controls (Control-Chuvash). **(C)** Scatter plot of fold change in CE (x-axis) and SCA (y-axis). **(D)** GO biological processes and KEGG pathways enriched with SCA-specific differential genes.

Open Access This article is licensed under a Creative Commons Attribution 4.0 International License, which permits use, sharing, adaptation, distribution and reproduction in any medium or format, as long as you give appropriate credit to the original author(s) and the source, provide a link to the Creative Commons licence, and indicate if changes were made. The images or other third party material in this article are included in the article's Creative Commons licence, unless indicated otherwise in a credit line to the material. If material is not included in the article's Creative Commons licence and your intended use is not permitted by statutory regulation or exceeds the permitted use, you will need to obtain permission directly from the copyright holder. To view a copy of this licence, visit <http://creativecommons.org/licenses/by/4.0/>.

© The Author(s) 2023, corrected publication 2023