

University of Groningen

Erratum

Restrepo-Pérez, Laura; Huang, Gang; Bohländer, Peggy R; Worp, Nathalie; Eelkema, Rienk; Maglia, Giovanni; Joo, Chirlmin; Dekker, Cees

Published in:
Acs Nano

DOI:
[10.1021/acsnano.0c01699](https://doi.org/10.1021/acsnano.0c01699)

IMPORTANT NOTE: You are advised to consult the publisher's version (publisher's PDF) if you wish to cite from it. Please check the document version below.

Document Version
Version created as part of publication process; publisher's layout; not normally made publicly available

Publication date:
2020

[Link to publication in University of Groningen/UMCG research database](#)

Citation for published version (APA):

Restrepo-Pérez, L., Huang, G., Bohländer, P. R., Worp, N., Eelkema, R., Maglia, G., Joo, C., & Dekker, C. (2020). Erratum. *Acs Nano*, *14*(4), 5148. [acsnano.0c01699]. <https://doi.org/10.1021/acsnano.0c01699>

Copyright

Other than for strictly personal use, it is not permitted to download or to forward/distribute the text or part of it without the consent of the author(s) and/or copyright holder(s), unless the work is under an open content license (like Creative Commons).

The publication may also be distributed here under the terms of Article 25fa of the Dutch Copyright Act, indicated by the "Taverne" license. More information can be found on the University of Groningen website: <https://www.rug.nl/library/open-access/self-archiving-pure/taverne-amendment>.

Take-down policy

If you believe that this document breaches copyright please contact us providing details, and we will remove access to the work immediately and investigate your claim.

Downloaded from the University of Groningen/UMCG research database (Pure): <http://www.rug.nl/research/portal>. For technical reasons the number of authors shown on this cover page is limited to 10 maximum.

Correction to Resolving Chemical Modifications to a Single Amino Acid within a Peptide Using a Biological Nanopore

Laura Restrepo-Pérez, Gang Huang, Peggy R. Bohländer, Nathalie Worp, Rienk Eelkema, Giovanni Maglia, Chirlmin Joo,* and Cees Dekker*

ACS Nano 2019, 13 (12), 13668–13676. DOI: 10.1021/acsnano.9b05156

Cite This: <https://dx.doi.org/10.1021/acsnano.0c01699>

Read Online

ACCESS |

Metrics & More

Article Recommendations

In Figure 5c, we reported the correlation between dwell times and electrical charges of tags. We did not account for the sign of some of the tags correctly, leading to an error that we would like to amend. In the published Figure 5c, the value of the parameter $\text{charge} \times P$ for the labels Alexa 633 and 3PolyA should have had a negative value. Below, we provide a corrected figure and figure legend. We note that this correction does not in any way affect the conclusions of the article.

Hydrophilic and Hydrophobic Amino Acids in Peptides, through Controllable, Stepwise Translocation across Nanopores. *Polymers* 2018, 10, No. 885.

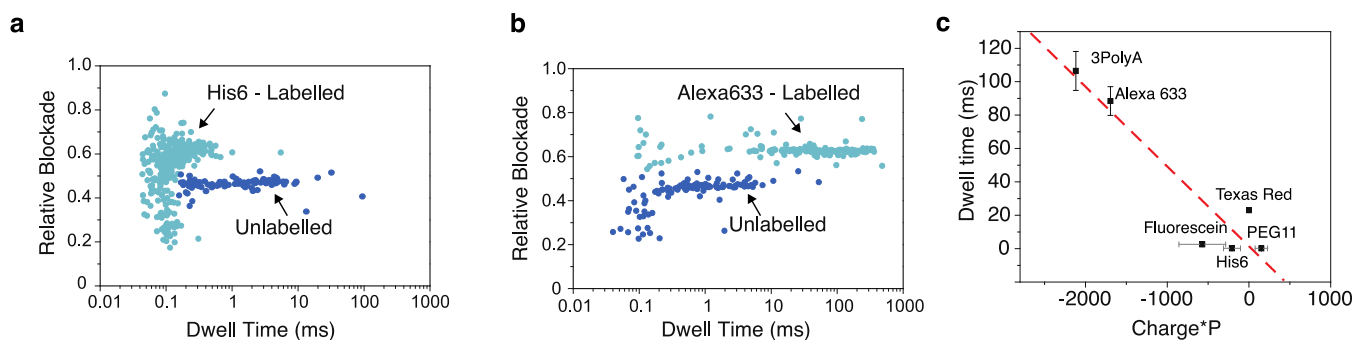


Figure 5. Scatter plots of the peptide labeled with (a) His6 and (b) Alexa633. Faster translocation times are observed in peptides labeled with His6 compared to Alexa633. (c) Plot of dwell time vs net charge $\times P$, where $P = M \times w/L$ (see Figure 4). A correlation ($R^2 = 0.85$) is observed between these parameters. The errors in the x -axis for fluorescein, His6, and PEG11 represent the range of values that the parameter can take due to the possible charged states of the molecules.

For completeness, we would also like to add some additional citations: 1–3.

REFERENCES

- (1) Asandei, A.; Chinappi, M.; Lee, J.; Ho Seo, C.; Mereuta, L.; Park, Y.; Luchian, T. Placement of Oppositely Charged Aminoacids at a Polypeptide Termini Determines the Voltage-Controlled Braking of Polymer Transport through Nanometer-Scale Pores. *Sci. Rep.* 2015, 5, 10419.
- (2) Asandei, A.; Rossini, A. E.; Chinappi, M.; Park, Y.; Luchian, T. Protein Nanopore-Based Discrimination between Selected Neutral Amino Acids from Polypeptides. *Langmuir* 2017, 33, 14451–14459.
- (3) Asandei, A.; Dragomir, I. S.; Di Muccio, G.; Chinappi, M.; Park, Y.; Luchian, T. Single-Molecule Dynamics and Discrimination between

Received: February 26, 2020