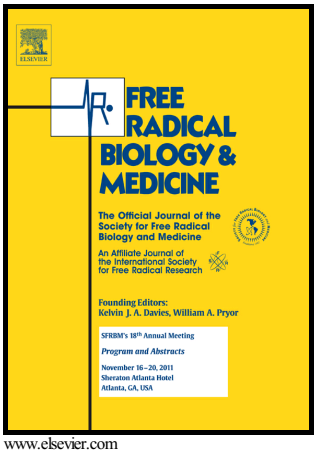
Author's Accepted Manuscript

Monitoring cellular redox state under hypoxia using a fluorescent sensor based on eel fluorescent protein

Hanyang Hu, Aoxue Wang, Li Huang, Yejun Zou, Yanfang Gu, Xianjun Chen, Yuzheng Zhao, Yi Yang



www.elsevier.com

PII: S0891-5849(18)30144-8
DOI: https://doi.org/10.1016/j.freeradbiomed.2018.03.041
Reference: FRB13688

To appear in: *Free Radical Biology and Medicine*

Received date: 2 February 2017
Revised date: 20 March 2018
Accepted date: 22 March 2018

Cite this article as: Hanyang Hu, Aoxue Wang, Li Huang, Yejun Zou, Yanfang Gu, Xianjun Chen, Yuzheng Zhao and Yi Yang, Monitoring cellular redox state under hypoxia using a fluorescent sensor based on eel fluorescent protein, *Free Radical Biology and Medicine,* https://doi.org/10.1016/j.freeradbiomed.2018.03.041

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 galley proof before it is published in its final citable 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.

ACCEPTED MANUSCRIPT

Monitoring cellular redox state under hypoxia using a fluorescent sensor based on eel fluorescent protein

Hanyang Hu[a,c,1], Aoxue Wang[a,c,1], Li Huang[a,c], Yejun Zou[a,c], Yanfang Gu[a,c], Xianjun Chen[a,c], Yuzheng Zhao[a,c*], and Yi Yang[a,b*]

[a] Synthetic Biology and Biotechnology Laboratory, State Key Laboratory of Bioreactor Engineering, Shanghai Collaborative Innovation Center for Biomanufacturing Technology, , East China University of Science and Technology, 130 Mei Long Road, Shanghai 200237, China.

[b] Optogenetics & Synthetic Biology Interdisciplinary Research Center, CAS Center for Excellence in Brain Science, Shanghai Institutes for Biological Sciences, Chinese Academy of Sciences, Shanghai 200031, China.

[c] Shanghai Key Laboratory of New Drug Design, School of Pharmacy, East China University of Science and Technology, 130 Mei Long Road, Shanghai 200237, China.

[1] Equally contributing authors.

Correspondence should be addressed to Y. Zhao (yuzhengzhao@ecust.edu.cn) and Y.Y. (yiyang@ecust.edu.cn)

Accepted manuscript

Download English Version:

https://daneshyari.com/en/article/8265630

Download Persian Version:

https://daneshyari.com/article/8265630

Daneshyari.com