Accepted Manuscript

NADPH oxidase-1 plays a key role in keratinocyte responses to ultraviolet radiation and UVB-induced skin carcinogenesis

Houssam Raad, Martin Serrano-Sanchez, Ghida Harfouche, Walid Mahfouf, Doriane Bortolotto, Vanessa Bergeron, Zeinab Kasraian, Lea Dousset, Mohsen Hosseini, Alain Taieb, Hamid Reza Rezvani

PII: S0022-202X(17)30047-7

DOI: 10.1016/j.jid.2016.12.027

Reference: JID 709

To appear in: The Journal of Investigative Dermatology

Received Date: 29 September 2016
Revised Date: 10 November 2016
Accepted Date: 6 December 2016

Please cite this article as: Raad H, Serrano-Sanchez M, Harfouche G, Mahfouf W, Bortolotto D, Bergeron V, Kasraian Z, Dousset L, Hosseini M, Taieb A, Rezvani HR, NADPH oxidase-1 plays a key role in keratinocyte responses to ultraviolet radiation and UVB-induced skin carcinogenesis, *The Journal of Investigative Dermatology* (2017), doi: 10.1016/j.jid.2016.12.027.

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.



ACCEPTED MANUSCRIPT

NADPH oxidase-1 plays a key role in keratinocyte responses to ultraviolet radiation and

UVB-induced skin carcinogenesis

Houssam Raad^{1,2§}, Martin Serrano-Sanchez^{1,2§}, Ghida Harfouche^{1,2§}, Walid Mahfouf^{1,2§},

Doriane Bortolotto^{1,2}, Vanessa Bergeron^{1,2}, Zeinab Kasraian^{1,2}, Lea Dousset^{1,2,3}, Mohsen

Hosseini^{1,2}, Alain Taieb^{1,2,3,4}, Hamid Reza Rezvani^{1,2,4*}

1-Inserm U 1035, 33076 Bordeaux, France

2-Université de Bordeaux, 146 rue Léo Saignat, 33076 Bordeaux, France

3- Service de Dermatologie Adulte et Pédiatrique, CHU de Bordeaux, France Centre de

4- Référence pour les Maladies Rares de la Peau, CHU de Bordeaux, France

§ These authors contributed equally to this work.

Running title: NADPH oxidase activation upon UVB irradiation

Key Words: DNA damage response (DDR), NADPH oxidase (NOX), nucleotide excision repair

(NER), Xeroderma pigmentosum, squamous cell carcinomas (SCCs), reactive oxygen species

(ROS), apoptosis

* Corresponding Author

Postal address: INSERM U1035, Bordeaux, F-33000 France

Email address: hamid-reza.rezvani@u-bordeaux.fr

Phone: +33-557-575-683 Fax: +33-557-571-374

1

Download English Version:

https://daneshyari.com/en/article/5649421

Download Persian Version:

https://daneshyari.com/article/5649421

<u>Daneshyari.com</u>