

Retraction Note: sFRP2 in the aged microenvironment drives melanoma metastasis and therapy resistance

<https://doi.org/10.1038/s41586-025-09719-z>

Published online: 29 October 2025

Retraction to: *Nature* <https://doi.org/10.1038/nature17392>

Published online 4 April 2016

 Check for updates

Amanpreet Kaur, Marie R. Webster, Katie Marchbank, Reeti Behera, Abibatou Ndoye, Curtis H. Kugel III, Vanessa M. Dang, Jessica Appleton, Michael P. O'Connell, Phil Cheng, Alexander A. Valiga, Rachel Morissette, Nazli B. McDonnell, Luigi Ferrucci, Andrew V. Kossenkov, Katrina Meeth, Hsin-Yao Tang, Xiangfan Yin, William H. Wood III, Elin Lehrmann, Kevin G. Becker, Keith T. Flaherty, Dennie T. Frederick, Jennifer A. Wargo, Zachary A. Cooper, Michael T. Tetzlaff, Courtney Hudgens, Katherine M. Aird, Rugang Zhang, Xiaowei Xu, Qin Liu, Edmund Bartlett, Giorgos Karakousis, Zeynep Eroglu, Roger S. Lo, Matthew Chan, Alexander M. Menzies, Georgina V. Long, Douglas B. Johnson, Jeffrey Sosman, Bastian Schilling, Dirk Schadendorf, David W. Speicher, Marcus Bosenberg, Antoni Ribas & Ashani T. Weeraratna

The Editors are retracting this article. After being alerted of several issues with the data presented, an editorial investigation revealed that some results in Extended Data Fig. 9e are no longer statistically significant, which affects the conclusions about therapy resistance as presented in the published study.

In addition, several errors in image and source data consistency as well as stated sample numbers were identified in Figs. 1, 3a, 5, Extended Data Figs. 4b, 5c and 9c.

Luigi Ferrucci, Hsin-Yao Tang, Rugang Zhang and Roger S. Lo, agree with this retraction. Amanpreet Kaur, Marie R. Webster, Katie Marchbank, Reeti Behera, Abibatou Ndoye, Curtis H. Kugel III, Vanessa M. Dang, Michael P. O'Connell, Phil Cheng, Rachel Morissette, Andrew V. Kossenkov, William H. Wood III, Elin Lehrmann, Kevin G. Becker, Keith T. Flaherty, Jennifer A. Wargo, Katherine M. Aird, Xiaowei Xu, Qin Liu, Giorgos Karakousis, Zeynep Eroglu, Alexander M. Menzies, Georgina V. Long, Douglas B. Johnson, Dirk Schadendorf, Marcus Bosenberg, Antoni Ribas and Ashani T. Weeraratna do not agree with this retraction. *Nature* was not able to get a response from Jessica Appleton, Alexander A. Valiga, Nazli B. McDonnell, Xiangfan Yin, Dennie T. Frederick, Zachary A. Cooper, Michael T. Tetzlaff, Courtney Hudgens, Edmund Bartlett, Jeffrey Sosman, Bastian Schilling, Katrina Meeth, Matthew Chan and David W. Speicher.

© Springer Nature Limited 2025