



Universiteit
Leiden
The Netherlands

The power of genetic diversity in genome-wide association studies of lipids (vol 600, pg 675, 2021)

Graham, S.E.; Clarke, S.L.; Wu, K.H.H.; Kanoni, S.; Zajac, G.J.M.; Ramdas, S.; ... ; Stark, K.

Citation

Graham, S. E., Clarke, S. L., Wu, K. H. H., Kanoni, S., Zajac, G. J. M., Ramdas, S., ... Stark, K. (2023). The power of genetic diversity in genome-wide association studies of lipids (vol 600, pg 675, 2021). *Nature*, E19-E20. doi:10.1038/s41586-023-06194-2

Version: Publisher's Version

License: [Leiden University Non-exclusive license](#)

Downloaded from: <https://hdl.handle.net/1887/3720827>

Note: To cite this publication please use the final published version (if applicable).

Author Correction: The power of genetic diversity in genome-wide association studies of lipids

<https://doi.org/10.1038/s41586-023-06194-2>

Published online: 26 May 2023

Correction to: *Nature* <https://doi.org/10.1038/s41586-021-04064-3>

Published online 9 December 2021

 Check for updates

Sarah E. Graham, Shoa L. Clarke, Kuan-Han H. Wu, Stavroula Kanoni, Greg J. M. Zajac, Shweta Ramdas, Ida Surakka, Ioanna Ntalla, Sailaja Vedantam, Thomas W. Winkler, Adam E. Locke, Eirini Marouli, Mi Yeong Hwang, Sohee Han, Akira Narita, Ananyo Choudhury, Amy R. Bentley, Kenneth Ekoru, Anurag Verma, Bhavi Trivedi, Hilary C. Martin, Karen A. Hunt, Qin Hui, Derek Klarin, Xiang Zhu, Gudmar Thorleifsson, Anna Helgadottir, Daniel F. Gudbjartsson, Hilma Holm, Isleifur Olafsson, Masato Akiyama, Saori Sakaue, Chikashi Terao, Masahiro Kanai, Wei Zhou, Ben M. Brumpton, Humaira Rasheed, Sanni E. Ruotsalainen, Aki S. Havulinna, Yogasudha Veturi, QiPing Feng, Elisabeth A. Rosenthal, Todd Lingren, Jennifer Allen Pacheco, Sarah A. Pendergrass, Jeffrey Haessler, Franco Giulianini, Yuki Bradford, Jason E. Miller, Archie Campbell, Kuang Lin, Iona Y. Millwood, George Hindy, Asif Rasheed, Jessica D. Faul, Wei Zhao, David R. Weir, Constance Turman, Hongyan Huang, Mariaelisa Graff, Anubha Mahajan, Michael R. Brown, Weihua Zhang, Ketian Yu, Ellen M. Schmidt, Anita Pandit, Stefan Gustafsson, Xianyong Yin, Jian'an Luan, Jing-Hua Zhao, Fumihiko Matsuda, Hye-Mi Jang, Kyunghoon Yoon, Carolina Medina-Gomez, Achilleas Pitsillides, Jouke Jan Hottenga, Gonneke Willemsen, Andrew R. Wood, Yingji Ji, Zishan Gao, Simon Haworth, Ruth E. Mitchell, Jin Fang Chai, Mette Aadahl, Jie Yao, Ani Manichaikul, Helen R. Warren, Julia Ramirez, Jette Bork-Jensen, Line L. Kårhus, Anuj Goel, Maria Sabater-Lleal, Raymond Noordam, Carlo Sidore, Edoardo Fiorillo, Aaron F. McDaid, Pedro Marques-Vidal, Matthias Wielscher, Stella Trompet, Naveed Sattar, Line T. Møllehave, Betina H. Thuesen, Matthias Munz, Lingyao Zeng, Jianfeng Huang, Bin Yang, Alaitz Poveda, Azra Kurbasic, Claudia Lamina, Lukas Forer, Markus Scholz, Tessel E. Galesloot, Jonathan P. Bradfield, E. Warwick Daw, Joseph M. Zmuda, Jonathan S. Mitchell, Christian Fuchsberger, Henry Christensen, Jennifer A. Brody, Mary F. Feitosa, Mary K. Wojczynski, Michael Preuss, Massimo Mangino, Paraskevi Christofidou, Niek Verweij, Jan W. Benjamins, Jorgen Engmann, Rachel L. Kember, Roderick C. Sliker, Ken Sin Lo, Nuno R. Zilhao, Phuong Le, Marcus E. Kleber, Graciela E. Delgado, Shaofeng Huo, Daisuke D. Ikeda, Hiroyuki Iha, Jian Yang, Jun Liu, Hampton L. Leonard, Jonathan Marten, Børge Schmidt, Marina Arendt, Laura J. Smyth, Marisa Cañadas-Garre, Chaolong Wang, Masahiro Nakatochi, Andrew Wong, Nina Hutri-Kähönen, Xueling Sim, Rui Xia, Alicia Huerta-Chagoya, Juan Carlos Fernandez-Lopez,

Valeriya Lyssenko, Meraj Ahmed, Anne U. Jackson, Noha A. Yousri, Marguerite R. Irvin, Christopher Oldmeadow, Han-Na Kim, Seungho Ryu, Paul R. H. J. Timmers, Liubov Arbeevea, Rajkumar Dorajoo, Leslie A. Lange, Xiaoran Chai, Gauri Prasad, Laura Lorés-Motta, Marc Pauper, Jirong Long, Xiaohui Li, Elizabeth Theusch, Fumihiko Takeuchi, Cassandra N. Spracklen, Anu Loukola, Sailalitha Bollepalli, Sophie C. Warner, Ya Xing Wang, Wen B. Wei, Teresa Nutile, Daniela Ruggiero, Yun Ju Sung, Yi-Jen Hung, Shufeng Chen, Fangchao Liu, Jingyun Yang, Katherine A. Kentistou, Mathias Gorski, Marco Brumat, Karina Meidtner, Lawrence F. Bielak, Jennifer A. Smith, Prashantha Hebbar, Aliki-Eleni Farmaki, Edith Hofer, Maoxuan Lin, Chao Xue, Jifeng Zhang, Maria Pina Concas, Simona Vaccargiu, Peter J. van der Most, Niina Pitkänen, Brian E. Cade, Jiwon Lee, Sander W. van der Laan, Kumaraswamy Naidu Chitralla, Stefan Weiss, Martina E. Zimmermann, Jong Young Lee, Hyeok Sun Choi, Maria Nethander, Sandra Freitag-Wolf, Lorraine Southam, Nigel W. Rayner, Carol A. Wang, Shih-Yi Lin, Jun-Sing Wang, Christian Couture, Leo-Pekka Lyytikäinen, Kjell Nikus, Gabriel Cuellar-Partida, Henrik Vestergaard, Bertha Hildalgo, Olga Giannakopoulou, Qiuyin Cai, Morgan O. Obura, Jessica van Setten, Xiaoyin Li, Karen Schwander, Natalie Terzikhan, Jae Hun Shin, Rebecca D. Jackson, Alexander P. Reiner, Lisa Warsinger Martin, Zhengming Chen, Liming Li, Heather M. Highland, Kristin L. Young, Takahisa Kawaguchi, Joachim Thiery, Joshua C. Bis, Girish N. Nadkarni, Lenore J. Launer, Huaixing Li, Mike A. Nalls, Olli T. Raitakari, Sahoko Ichiara, Sarah H. Wild, Christopher P. Nelson, Harry Campbell, Susanne Jäger, Toru Nabika, Fahd Al-Mulla, Harri Niinikoski, Peter S. Braund, Ivana Kolcic, Peter Kovacs, Tota Giardoglou, Tomohiro Katsuya, Konain Fatima Bhatti, Dominique de Kleijn, Gert J. de Borst, Eung Kweon Kim, Hieab H. H. Adams, M. Arfan Ikram, Xiaofeng Zhu, Folkert W. Asselbergs, Adriaan O. Kraaijeveld, Joline W. J. Beulens, Xiao-Ou Shu, Loukianos S. Rallidis, Oluf Pedersen, Torben Hansen, Paul Mitchell, Alex W. Hewitt, Mika Kähönen, Louis Pérusse, Claude Bouchard, Anke Tönjes, Yii-Der Ida Chen, Craig E. Pennell, Trevor A. Mori, Wolfgang Lieb, Andre Franke, Claes Ohlsson, Dan Mellström, Yoon Shin Cho, Hyejin Lee, Jian-Min Yuan, Woon-Puay Koh, Sang Youl Rhee, Jeong-Taek Woo, Iris M. Heid, Klaus J. Stark, Henry Völzke, Georg Homuth, Michele K. Evans, Alan B. Zonderman, Ozren Polasek, Gerard Pasterkamp, Imo E. Hoefer, Susan Redline, Katja Pahkala, Albertine J. Oldehinkel, Harold Snieder, Ginevra Biino, Reinhold Schmidt, Helena Schmidt, Y. Eugene Chen, Stefania Bandinelli, George Dedoussis, Thangavel Alphonse Thanaraj, Sharon L. R. Kardia, Norihiro Kato, Matthias B. Schulze, Giorgia Grotto, Bettina Jung, Carsten A. Böger, Peter K. Joshi, David A. Bennett, Philip L. De Jager, Xiangfeng Lu, Vasiliki Mamakou, Morris Brown, Mark J. Caulfield, Patricia B. Munroe, Xiuqing Guo, Marina Ciullo, Jost B. Jonas, Nilesh J. Samani, Jaakko Kaprio, Päivi Pajukanta, Linda S. Adair, Sonny Augustin Bechayda, H. Janaka de Silva, Ananda R. Wickremasinghe, Ronald M. Krauss, Jer-Yuarn Wu, Wei Zheng, Anneke I. den Hollander, Dwaipayan Bharadwaj, Adolfo Correa, James G. Wilson, Lars Lind, Chew-Kiat Heng, Amanda E. Nelson, Yvonne M. Golightly, James F. Wilson, Brenda Penninx, Hyung-Lae Kim, John Attia, Rodney J. Scott, D. C. Rao, Donna K. Arnett, Steven C. Hunt, Mark Walker, Heikki A. Koistinen, Giriraj R. Chandak, Chittaranjan S. Yajnik, Josep M. Mercader, Teresa Tusié-Luna, Carlos A. Aguilar-Salinas, Clicerio Gonzalez Villalpando, Lorena Orozco, Myriam Fornage, E. Shyong Tai, Rob M. van Dam, Terho Lehtimäki, Nish Chaturvedi, Mitsuhiro Yokota, Jianjun Liu, Dermot F. Reilly, Amy Jayne McKnight, Frank Kee, Karl-Heinz Jöckel, Mark I. McCarthy, Colin N. A. Palmer, Veronique Vitart, Caroline Hayward, Eleanor Simonsick, Cornelia M. van Duijn, Fan Lu,

Corrections & amendments

Jia Qu, Haretsugu Hishigaki, Xu Lin, Winfried März, Esteban J. Parra, Miguel Cruz, Vilmundur Gudnason, Jean-Claude Tardif, Guillaume Lettre, Leen M. 't Hart, Petra J. M. Elders, Scott M. Damrauer, Meena Kumari, Mika Kivimaki, Pim van der Harst, Tim D. Spector, Ruth J. F. Loos, Michael A. Province, Bruce M. Psaty, Ivan Brandslund, Peter P. Pramstaller, Kaare Christensen, Samuli Ripatti, Elisabeth Widén, Hakon Hakonarson, Struan F. A. Grant, Lambertus A. L. M. Kiemeny, Jacqueline de Graaf, Markus Loeffler, Florian Kronenberg, Dongfeng Gu, Jeanette Erdmann, Heribert Schunkert, Paul W. Franks, Allan Linneberg, J. Wouter Jukema, Amit V. Khera, Minna Männikkö, Marjo-Riitta Jarvelin, Zoltan Kutalik, Francesco Cucca, Dennis O. Mook-Kanamori, Ko Willems van Dijk, Hugh Watkins, David P. Strachan, Niels Grarup, Peter Sever, Neil Poulter, Jerome I. Rotter, Thomas M. Dantoft, Fredrik Karpe, Matt J. Neville, Nicholas J. Timpson, Ching-Yu Cheng, Tien-Yin Wong, Chiea Chuen Khor, Charumathi Sabanayagam, Annette Peters, Christian Gieger, Andrew T. Hattersley, Nancy L. Pedersen, Patrik K. E. Magnusson, Dorret I. Boomsma, Eco J. C. de Geus, L. Adrienne Cupples, Joyce B. J. van Meurs, Mohsen Ghanbari, Penny Gordon-Larsen, Wei Huang, Young Jin Kim, Yasuharu Tabara, Nicholas J. Wareham, Claudia Langenberg, Eleftheria Zeggini, Johanna Kuusisto, Markku Laakso, Erik Ingelsson, Goncalo Abecasis, John C. Chambers, Jaspal S. Kooner, Paul S. de Vries, Alanna C. Morrison, Kari E. North, Martha Daviglus, Peter Kraft, Nicholas G. Martin, John B. Whitfield, Shahid Abbas, Danish Saleheen, Robin G. Walters, Michael V. Holmes, Corri Black, Blair H. Smith, Anne E. Justice, Aris Baras, Julie E. Buring, Paul M. Ridker, Daniel I. Chasman, Charles Kooperberg, Wei-Qi Wei, Gail P. Jarvik, Bahram Namjou, M. Geoffrey Hayes, Marylyn D. Ritchie, Pekka Jousilahti, Veikko Salomaa, Kristian Hveem, Bjørn Olav Åsvold, Michiaki Kubo, Yoichiro Kamatani, Yukinori Okada, Yoshinori Murakami,

Unnur Thorsteinsdottir, Kari Stefansson, Yuk-Lam Ho, Julie A. Lynch, Daniel J. Rader, Philip S. Tsao, Kyong-Mi Chang, Kelly Cho, Christopher J. O'Donnell, John M. Gaziano, Peter Wilson, Charles N. Rotimi, Scott Hazelhurst, Michèle Ramsay, Richard C. Trembath, David A. van Heel, Gen Tamiya, Masayuki Yamamoto, Bong-Jo Kim, Karen L. Mohlke, Timothy M. Frayling, Joel N. Hirschhorn, Sekar Kathiresan, VA Million Veteran Program*, Global Lipids Genetics Consortium*, Michael Boehnke, Pradeep Natarajan, Gina M. Peloso, Christopher D. Brown, Andrew P. Morris, Themistocles L. Assimes, Panos Deloukas, Yan V. Sun & Cristen J. Willer

In the version of this article initially published, Noha A. Yousri (Department of Genetic Medicine, Weill Cornell Medicine-Qatar, Doha, Qatar and Department of Computer and Systems Engineering, Alexandria University, Egypt) and Steven C. Hunt (Department of Internal Medicine, University of Utah, Salt Lake City, UT, USA and Department of Genetic Medicine, Weill Cornell Medicine-Qatar, Doha, Qatar) were not included in the author list. In addition, Hieab H. H. Adams (Department of Radiology and Nuclear Medicine, Erasmus MC, University Medical Center Rotterdam, Rotterdam, The Netherlands and Department of Clinical Genetics, Erasmus MC, University Medical Center Rotterdam, Rotterdam, The Netherlands) was shown with an incorrect second affiliation in the HTML and PDF versions of the article. Finally, in the HTML version, Cristen J. Willer was mistakenly listed with an extra affiliation (Princess Al-Jawhara Al-Brahim Centre of Excellence in Research of Hereditary Disorders (PACER-HD), King Abdulaziz University, Jeddah, Saudi Arabia). The authors and affiliations have been corrected in the HTML and PDF versions of the article.

© The Author(s), under exclusive licence to Springer Nature Limited 2023