

This is an Open Access document downloaded from ORCA, Cardiff University's institutional repository: <https://orca.cardiff.ac.uk/id/eprint/135892/>

This is the author's version of a work that was submitted to / accepted for publication.

Citation for final published version:

Rausell, Antonio, Luo, Yufei, Lopez, Marie, Seeleuthner, Yoann, Rapaport, Franck, Favier, Antoine, Stenson, Peter D., Cooper, David N. , Patin, Etienne, Casanova, Jean-Laurent, Quintana-Murci, Lluís and Abel, Laurent 2020. Common homozygosity for predicted loss-of-function variants reveals both redundant and advantageous effects of dispensable human genes. *Proceedings of the National Academy of Sciences* 117 (24) , pp. 13626-13636. 10.1073/pnas.1917993117

Publishers page: <http://dx.doi.org/10.1073/pnas.1917993117>

Please note:

Changes made as a result of publishing processes such as copy-editing, formatting and page numbers may not be reflected in this version. For the definitive version of this publication, please refer to the published source. You are advised to consult the publisher's version if you wish to cite this paper.

This version is being made available in accordance with publisher policies. See <http://orca.cf.ac.uk/policies.html> for usage policies. Copyright and moral rights for publications made available in ORCA are retained by the copyright holders.



