



ripeta

*Credit Reporting for Science*

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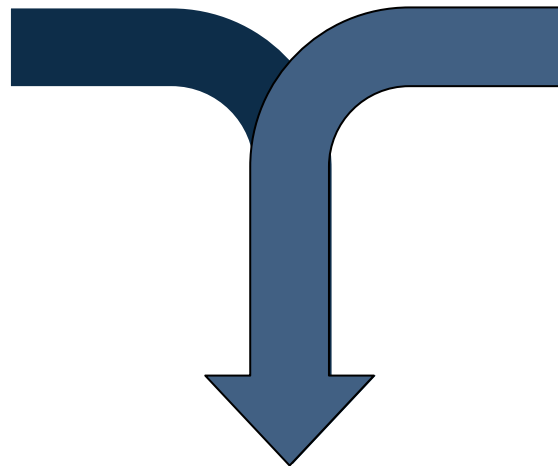
focusing on the  
transparent reporting of research

# Reproducibility

Responsibility

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## Analyze a Research Paper for Reproducibility

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ripetaReport

## Induced Disruption of the Iron-Regulatory Hormone Heparin Inhibits Acute Inflammatory Hypoferraemia



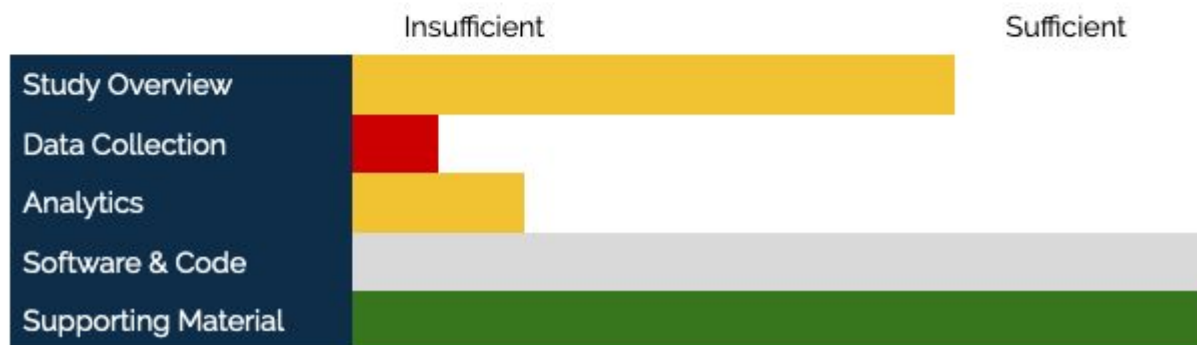
DOI: 10.1159/000492301

Published Online: 2016-Jul-06

Report Generated: 2019-Jan-19

### Overall Assessment

Multiple facets are evaluated on transparency and accessibility. We recommend everything be transparently reported even when there are challenges to making certain components accessible..



Study Overview

75%

Publication states study purpose or hypothesis?	From document text: <i>Here we first validate this novel model by investigating the effects of induced hepcidin deletion on long- and short-term iron traffic, and then test the role of hepcidin in acute inflammatory hypoferraemia caused by the administration of LPS, Pam3CSK4 and heat-killed Brucella abortus (HKBA).</i>
Study Design/Experimental Design	From document text: <b>None Found in Methods</b>
Ethical Approval	From document text: <i>All animal procedures were performed in a licensed establishment under the authority of the UK Home Office project (PPL40/3636) and personal licenses in accordance with the Animals (Scientific Procedures) Act 1986, and were approved by the University of Oxford ethical review committee.</i>
Cohort	From the document text: <i>Mice were bred and housed in individually ventilated cages within the Department of Biomedical Services (University of Oxford). Mice were fed ... (online suppl. fig. 1; for all online suppl. material, see <a href="http://www.karger.com/doi/10.1159/000447713">www.karger.com/doi/10.1159/000447713</a>).</i>
Protocol Citation	Citation: <b>None Found</b>



## Analytics

33%

Analytics are the systematic computational methods applied to data.

Analytics Described	Section found: <i>Statistics</i> Statistical analyses were performed using Prism 6 (GraphPad software). In cases where data values were spread over orders of magnitude, statistical tests were performed on log-transformed data, and geometric means were plotted on graphs.
Data Analytics Software	Section found: <i>Statistics</i> Analytics Software: GraphPad (no version) Analytics Libraries/Packages:
Analytic Code Shared	Link to code: <i>None Found</i>
Data Preparation for Analytics Code Shared	Link to code/query: <i>Not applicable</i>

Funding	<p>Section found: <i>Acknowledgement</i></p> <p>From document text: <i>This work was supported by the Medical Research Council UK (MRC Centenary Award to A.E.A. and M.R.C. Human Immunology Unit core funding to H.D.), a Goodger and Schorstein Scholarship to A.E.A., the British Heart Foundation (Intermediate Science Research Fellowship to S.L.-L.) and by funding from Vifor Pharma to B.D., P.A.R. and S.L.-L. B.D., R.D., D.B. and A.S. were supported by Wellcome Trust Core Award Grant Number 090532/Z/09/Z.</i></p>
Supplementary Files	<p>Link found:</p> <p><a href="https://figshare.com/articles/Supplementary_Material_for_Markers_Involved_in_Innate_Immunity_and_Neutrophil_Activation_are_Elevated_during_Acute_Human_Anaphylaxis_Validation_of_a_Microarray_Study/7053533">https://figshare.com/articles/Supplementary_Material_for_Markers_Involved_in_Innate_Immunity_and_Neutrophil_Activation_are_Elevated_during_Acute_Human_Anaphylaxis_Validation_of_a_Microarray_Study/7053533</a></p>
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DOI: 10.1159/issn.0000-000X

Date Report Generated: 2019-Feb-08

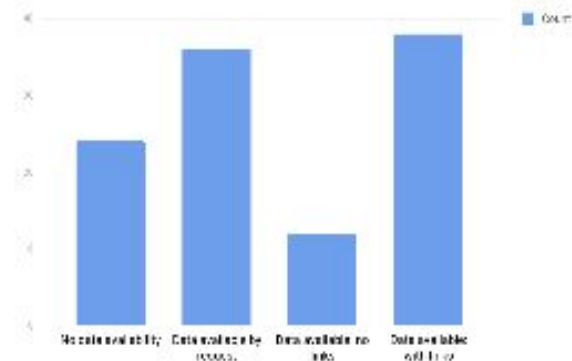
### Executive Summary

This report summarizes the transparency reporting practices for Example Journal. It is based on a highly granular reproducibility reporting framework developed by ripeta, llc. To develop the report that follows, we have looked across N number of articles from the years YYYY-YYYY, within the full text, supplementary information, and reporting checklists.

### Data Sharing and Data Documentation

Comment: Data availability varies by article. While it is within your policy to allow authors to provide requests for data, this has been found to be difficult in reusing data.

Recommendation: Data are being shared in tables in the supplementary files. They would be better served as machine-readable files (e.g., .txt or .csv files)



For example this paper has a high level of detail:

The custom Python script used for this study is available for download at

<https://github.com/abhik/crispr-analysis>. Sequencing data have been deposited at The National Center for Biotechnology Information (NCBI) under BioProject number [PRJNA444104](https://www.ncbi.nlm.nih.gov/BioProject/PRJNA444104) (SRA Study: SRP136206) and are available at <https://www.ncbi.nlm.nih.gov/Traces/study/?acc=SRP136206>.

From: "Light-activated cell identification and sorting (LACIS) for selection of edited clones on a nanofluidic device" ARTICLE DOI: 10.1038/s42003-018-0034-6

 Before/After

study overview  
data collection  
analytics  
software & code  
supporting material

2017

2019



● insufficient ● fair ● good ● N/A

<https://doi.org/10.1088/1361-6560/aa700a>

<https://doi.org/10.1101/474189>



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