Author’s response to reviews

Title: Integrative genomic analysis identified common regulatory networks underlying the correlation between coronary artery disease and plasma lipid levels

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Author’s response to reviews:

Dear Editor:

We have revised the manuscript according to the request. The following is our response.

Response to Editors and Reviewers:

Assistant Editor Comments:
1. Order of Authors
We note that the order of authors in the system is not the same as in the title page of the manuscript. Please ensure that the order of authors in the system is the same as in the title page of the manuscript. If you need to change your author list from the order currently on the title page of your manuscript you will need to fill out a change in authorship form and send it to the Editorial office to be approved by the Editor. The authorship change form can be found at the following link: https://resource-cms.springernature.com/springer-cms/rest/v1/content/7454878/data/v5
Answer: Thank you for pointing out! We have changed it.

2. Abstract Headings
Please reformat your abstract. Your abstract should include the following headings: Background, Methods, Results, Conclusions, and should be no longer than 350 words. Please also include a keywords section, which should have three to ten keywords.
Background: the context and purpose of the study
Methods: how the study was performed and statistical tests used
Results: the main findings
Conclusions: brief summary and potential implications
Please ensure you apply this format to the abstract in the main text and the submission system also.

Answer: We have reformatted the Abstract part as the request.

3. Availability of Data and Materials
In 'Availability of data and materials' please add links/references to all databases used in the study. Please state whether public access to the database(s) is open or closed. If closed, please state whether your received administrative permission to access and use these.

Answer: We have re-written the section of 'Availability of data and materials' as following: Data used in the current investigation are available from public database. CAD GWAS summary data are downloaded from http://www.cardiogramplusc4d.org/data-downloads/. Plasma lipid GWAS summary data are downloaded from http://csg.sph.umich.edu/willer/public/lipids2013/. Gene expression datasets (Accession Nos. GSE30169, GSE7965, and GSE24335) are available from GEO website: https://www.ncbi.nlm.nih.gov/geo/. Also, we have added this in the main body of the manuscript (see the fifth paragraph in the page 15)

4. Role of Funder
In the Funding section, please also describe the role of the funding body in the design of the study and collection, analysis, and interpretation of data and in writing the manuscript. If they had no role in the design of the study and collection, analysis, and interpretation of data and in writing the manuscript please clearly state this.

Answer: We have stated the role of the funding body in the section of “Funding”.

5. Authors’ Contributions
Please include a statement in the Authors' contributions section to the effect that all authors have read and approved the manuscript, and ensure that this is the case.
6. List of abbreviations
Please include a statement in the Authors’ contributions section to the effect that all authors have
read and approved the manuscript, and ensure that this is the case.

Answer: We have the sentence of “All authors approved the final draft of the paper” in the
section of “Authors’ contribution”.

7. Clean manuscript
At this stage, please upload your manuscript as a single, final, clean version that does not contain
any tracked changes, comments, highlights, strikethroughs or text in different colours. All
relevant tables/figures/additional files should also be clean versions. Additional files should
remain uploaded as separate files. Please ensure that all figures, tables and
additional-supplementary files are cited within the text.

Answer: We have uploaded a final and clean version of our manuscript to the website.

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be able to see the names of the reviewers who provided the reports via the online peer review
system. We encourage you to also view the reports there, via the action links on the left-hand
side of the page, to see the names of the reviewers.
Reviewer reports:
Georges Nemer (Reviewer 1): The authors did answer adequately my concerns and as such the
manuscript is acceptable in its current format.

Answer: Thank you!

Jacek Bil, MD, PhD, FESC (Reviewer 2): Authors responded properly to the comments.

Answer: Thank you!