***eLife’s* transparent reporting form**

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* You should state whether an appropriate sample size was computed when the study was being designed
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* High-throughput sequence data should be uploaded before submission, with a private link for reviewers provided (these are available from both GEO and ArrayExpress)

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* Statistical analysis methods should be described and justified
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* Indicate how samples were allocated into experimental groups (in the case of clinical studies, please specify allocation to treatment method); if randomization was used, please also state if restricted randomization was applied
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* Where provided, these should be in the most useful format, and they can be uploaded as “Source data” files linked to a main figure or table
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Please indicate the figures or tables for which source data files have been provided:

Source data associated with Figure 5 has been provided in Supplementary Tables 3 and 4 and the full source code for the pipeline is available at <https://github.com/asgarhussain/CriSNPr>.

Background data of CriSNPr is available at <http://crisnpr.igib.res.in/download>. This link is placed at instructions page of CriSNPr.