

**Supplementary Table 1**

<b>Item</b>	<b>Risk of bias domain</b>	<b>Question</b>
Question 1	Selective reporting bias; publication bias	Rationale for study: Please rate the study on the adequacy of the presented hypothesis and rationale.
Question 2	Bias from phenotype definition; measurement bias; information bias	Selection and definition of outcome of interest. The outcome can be cases/disease status or a quantitative trait: Please rate the study on the classification of the outcome (e.g. disease status or quantitative trait).
Question 3	Selection bias (sampling bias)	Selection and comparability of comparison groups (if applicable): Please rate the study on appropriateness of comparison groups (e.g. control groups).
Question 4	Information bias; misclassification bias (genotyping misclassification); measurement bias	Technical classification of the exposure: Please rate the study on the technical classification of the genetic variant.
Question 5	Misclassification bias (non-genotyping); detection bias	Non-technical classification of the exposure: Please rate the study on the non-technical classification of the genetic variant.
Question 6		Other sources of bias: Please rate the study on the disclosure and discussion of sources of bias.
Question 7	Bias from small sample size / inadequate power	Sample size and power: Please rate whether the study was adequately powered.
Question 8	Selective reporting bias; publication bias	A priori planning of analyses: Please rate the study on the planned analyses.
Question 9	Analysis reporting bias; bias from multiple testing; confounding bias; population stratification (confounding by ethnic origin);	Statistical methods and control for confounding: Please rate the study on statistical methods.
Question 10	Bias from consanguinity / relatedness; sex and ethnicity discrepancies; bias from inappropriate selection of haplotype structure	Testing of assumptions and inferences for genetic analyses: Please rate the study on the description and test of all assumptions and inferences.

Question 11	Reporting bias	Appropriateness of inferences drawn from results: Please rate the study on whether conclusions drawn by the authors were supported by the results and appropriate methods.
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