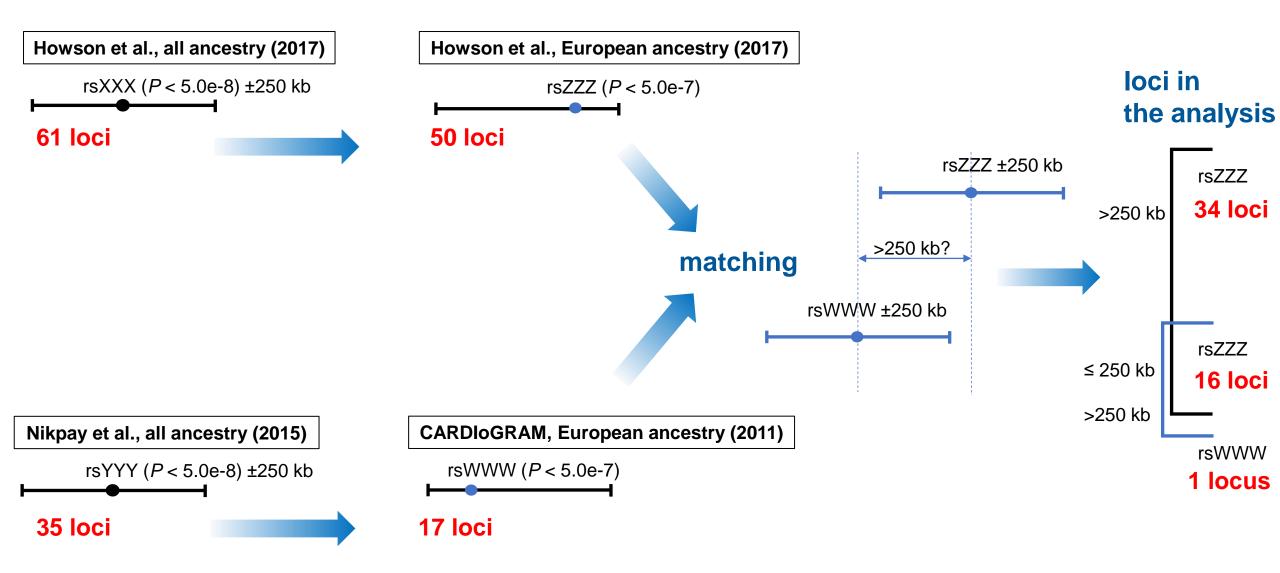
Prioritization of causal genes for coronary artery disease based on cumulative evidence from experimental and *in silico* studies

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Supplementary Figures

Supplementary Figure S1. A scheme depicting selection of CAD-associated loci for SMR/HEIDI analysis. **Supplementary Figure S2.** A pipeline of extracting data from the previous studies on the genes potentially associated with CAD.

Supplementary Figure S1. A scheme depicting selection of CAD-associated loci for SMR/HEIDI analysis.



Bioinformatics studies

Brænne et al., 2015 Lempiäinen et al., 2018 van der Harst et al., 2018 What are SNPs prioritized with the genes in these studies?

the NCBI SNP database What are chromosome positions of the prioritized SNPs?

Is the prioritized SNP located in the studied locus?

If yes

attribute the gene prioritized with this SNP to the locus

Svishcheva et al., 2019

What genes were revealed in the gene-based analysis?

Is the gene located* in the locus? (*gene sequence at least partially overlaps with the locus) If yes

attribute the gene to the locus

Literature search (evidence from experimental studies)

the NCBI Gene database

What genes are located* in the locus? (*gene sequence at least partially overlaps with the locus)

Pubmed, Google Scholar, OMIM Does evidence from experimental studies suggests the role of the gene in CAD?

If yes

attribute the gene to the locus

Gene X Gene Y Gene Z