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SUPPLEMENTARY MATERIAL

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Dopamine beta-hydroxylase mediates atherosclerosis progression by regulating copper metabolism *via* PHOX2A

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Supplementary Figure S1.

qPCR validation of five candidate genes in aortic tissues from NC and AS mice. (A–E) Relative mRNA expression levels of AOC3 (A), ATP7A (B), LOXL2 (C), DBH (D), and CDKN2A (E) in aortic tissues from normal control (NC) and atherosclerosis (AS) mice, as determined by qPCR. Gene expression was normalized to GAPDH and calculated using the $2^{-\Delta\Delta C_t}$ method. Data are presented as mean $\pm$ SD; n=3 per group; ** p <0.01; *** p <0.001; ns, not significant.

