

Supplementary Materials: Nrf2 Activation by 5-lipoxygenase Metabolites in Human Umbilical Vascular Endothelial Cells

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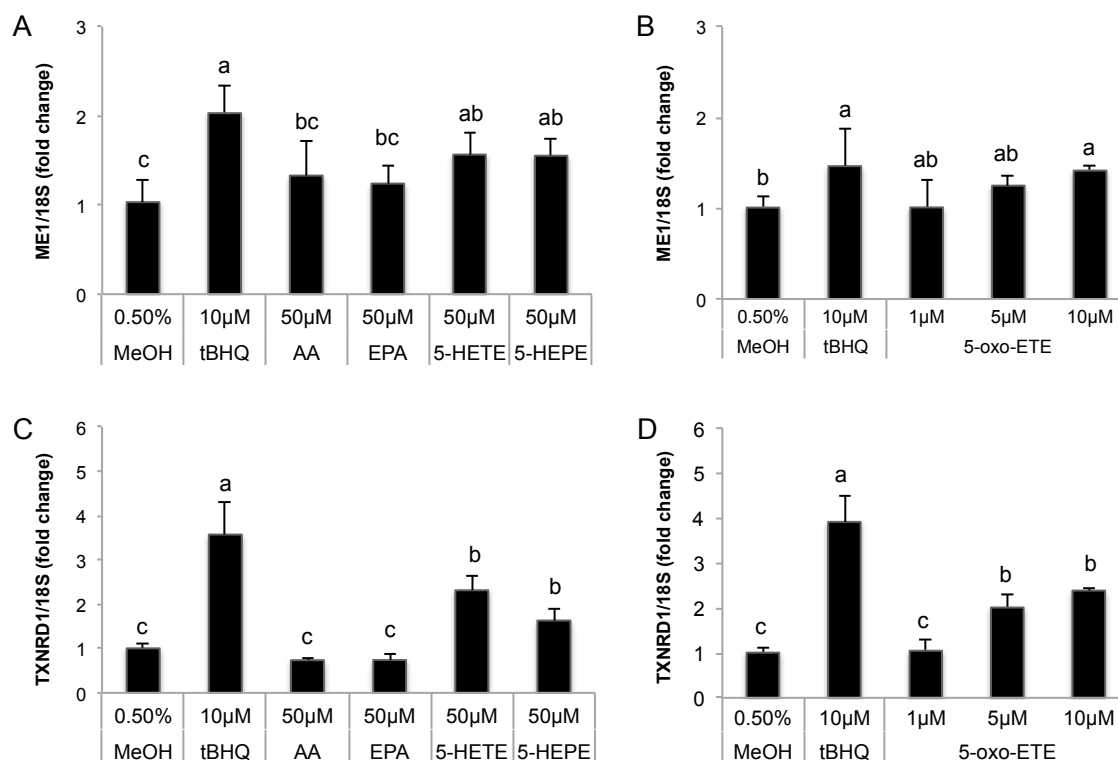


Figure S1. Gene expression of Malic enzyme 1 (ME1) and thioredoxin reductase 1 (TXNRD1) in HUVECs treated with eicosanoids for 6 h. Effects of 0.5% MeOH (vehicle), 10 µM tBHQ (Nrf2 activator), AA, EPA, 5-HETE, or 5-HEPE (50µM) on ME1 expression (A), and effects of 1, 5, or 10 µM 5-oxo-EETE, on ME1 expression (B) was displayed. Effects of 0.5% MeOH, 10 µM tBHQ, AA, EPA, 5-HETE, or 5-HEPE (50µM) on TXNRD1 expression (C), and effects of 1, 5, or 10 µM 5-oxo-EETE, on TXNRD1 expression (D) was presented. Data are expressed as mean ± SD ($n = 4$). Significant differences among the groups are indicated with different letters (one-way ANOVA followed by a post hoc Tukey's test, $p < 0.05$).