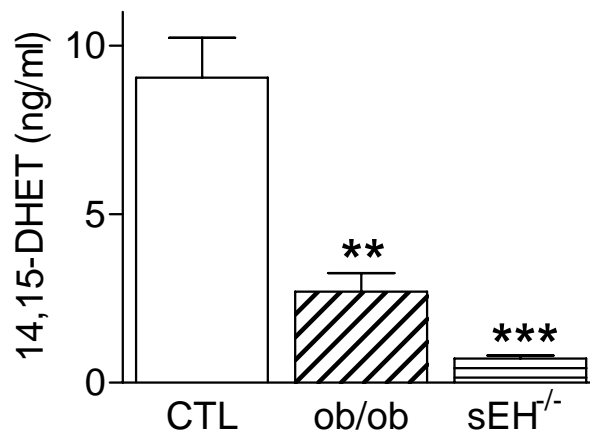


Supplementary Figure I. *Effect of SNP and GSH on sEH activity.* Effect of solvent (Sol, 0.1% DMSO), ACU (10 μ mol/L, 60 min), an excess of glutathione (GSH, 1 mmol/L), GSH and SIN-1 (0.5 mmol/L), or sodium nitropusside (SNP, 0.5 mmol/L) on the generation of 14,15-DHET from 14,15-EET by endothelial cell lysates. The bar graph summarizes the results of data obtained in 6-7 independent experiments; * $P < 0.05$, ** $P < 0.01$, *** $P < 0.001$ versus the appropriate Sol-treated group.



Supplementary Figure II. *Lungs from diabetic ob/ob mice demonstrate decreased sEH activity.* Effect of diabetes on the generation of 14,15-DHET from 14,15-EET by lysates from lungs of 20 week old C57BL/6 (CTL), ob/ob and sEH^{-/-} mice. The graphs summarize data obtained in 4-7 animals per group; ** $P < 0.01$, *** $P < 0.001$ versus control.