

**Supplement data Table 7 (related to Figure 5): The immunohistochemical quantification of lung specimen is independent from gender differences**. Illustration of protein expression levels of Alb, Ang-1, cleaved caspase-3, CBS, nitrotyrosine, and VEGF following 4 hours of pressure-controlled mechanical ventilation in WT and CSE-/- mice exposed (CS) and not exposed (nonCS) to CS prior the blunt chest trauma. Data are itemized and presented according to male and female gender. Data are presented as median (quartiles, range), n = 4 per group. Abbreviations: Alb: albumin, Ang-1: angiopoietin-1, CS: cigarette smoke, CBS: cystathionine--synthase, CSE: cystathionine--lyase, nonCS: no CS, WT: wild type, VEGF: vascular endothelial growth factor.

# significant to male animals (p<0.05); all values ·106