

**Supplement data Table 6 (related to Figure 3-4): No impact of gender on inflammation-related protein expression patterns and NFB activity due to cigarette smoke alone and in combination with CSE knockout in murine lung tissue.** Quantitative analysis of protein expression of Bcl-XL, HIF-1, HO-1, iNOS, IBand expression level of NFB following 4 hours of pressure-controlled mechanical ventilation in WT and CSE-/- mice exposed (CS) and not exposed (nonCS) to CS prior to the blunt chest trauma. Data are itemized and presented according to male and female gender. All samples for quantitative analyses were processed in parallel and normalized to two native control animals. Data are presented as median (quartiles, range), n = 4 per group. Abbreviations: Bcl-XL: b-cell lymphoma-extra-large, CS: cigarette smoke, CSE: cystathionine--lyase, HIF-1α: hypoxia-inducible factor 1-α, HO-1: heme oxygenase-1, IB: NFB inhibitor iNOS: inducible isoform of the nitric oxide synthase, nonCS: no CS, WT: wild type.

**#** significant to male animals (p<0.05).