



Figure S1. Pro-inflammatory cytokine profile of young mice with induced genotoxic stress. A) IL-1 α , IL-1 β , IL-6, TNF α , and CXCL1 were measured in the lungs and sera of young mice ($n=5$ per cohort) that had been intratracheally administered saline (Control), saline with bleomycin (Bleo) at 0.033 mg/kg body weight, or had their drinking water supplemented with 0.5% hydrogen peroxide for 3 weeks (H₂O₂). **B)** Representative H&E stained lung sections from mice. **C)** Scoring of lung inflammation in the same mice (1 is no pathology on histological cross-section, and 5 is extensive cellular infiltration, edema, and alveolar consolidation). In panels A and C asterisks denote a statistical significant difference ($P<0.05$). Statistical analyses were performed using a two-tailed Student's t -test.