**Supplemental Digital Content 2**

**table 1**. Primers used for analysis of biological markers associated with inflammation, alveolar pulmonary stretch, and damage to epithelial and endothelial cell and extracellular matrix.

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| **Gene** | **Primer sequences** |
| IL-6  | sense: 5′-CTC CGC AAG AGA CTT CCA G-3′  |
| antisense: 5′-CTC CTC TCC GGA CTT GTG A-3′  |
| Amphiregulin | sense: 5′-TTT CGC TGG CGC TCT CA-3′  |
| antisense: 5′-TTC CAA CCC AGC TGC ATA ATG-5′  |
| CC-16 | sense: 5′-GAT CGC CAT CAC AAT CAC TG-3′  |
| antisense: 5′-GGT ATC CAC CAG CCT CTT CA-3′  |
| VCAM-1 | sense: 5′-TGC ACG GTC CCT AAT GTG TA -3′  |
| antisense: 5′-TGC CAA TTT CCT CCC TTA AA -3′  |
| MMP-9 | sense: 5′-CCA CCG AGC TAT CCA CTC AT-3′ |
| antisense: 5′-GTC CGG TTT CAG CAT GTT TT-3′ |
| Syndecan | sense: 5′-GTT CCG CTG GTT TGT TGT TT-3′ |
| antisense: 5′-GAT GAA GGC TGT CCC AGG TA-3′ |
| Decorin | sense: 5′-GAT CAG CCC AGA GGC ATT TA-3′ |
| antisense: 5′-GCT CCA TTT TCA ATC CCA GA-3′ |
| 36B4 | sense: 5′-AAT CCT GAG CGA TGT GCA G-3′ |
| sense: 5′-GCT GCC ATT GTC AAA CAC-3′ |

IL, interleukin; CC-16, club cell protein 16; VCAM-1, vascular cell adhesion molecule 1; MMP-9, metalloproteinase 9; *36B4*, acidic ribosomal phosphoprotein P0 reference gene.