

## SUPPLEMENTARY INFORMATION

Table S1. Primer sequences of specific PCR products for each gene analyzed

| Gene           | Sense (5'-3')             | Antisense (5'-3')       | Length (bp) |
|----------------|---------------------------|-------------------------|-------------|
| <b>Mouse</b>   |                           |                         |             |
| Col1a1         | CAGGCTGGTGTGATGGGATT      | AAACCTCTCTCGCCTCTTGC    | 317         |
| Col3a1         | AGTGGGCATCCAGGTCCTAT      | GTGCTTACGTGGGACAGTCA    | 480         |
| Col4a1         | TCCTCACTGTGGATCGGCTA      | TTGGATCAGGAGCGCCATTT    | 554         |
| Vimentin       | GCTCCTACGATTCACAGCCA      | CGTGTGGACGTGGTCACATA    | 190         |
| TGF- $\beta$   | GCGGACTACTATGCTAAAGAGG    | TCAAAAGACAGCCACTCAGG    | 295         |
| Timp1          | CTTGTTCCCTGGCGTACTC       | ACCTGATCCGTCCACAAACAG   | 149         |
| Mmp2           | CAAGTCCCCCGGCGATGTC       | TTCTGGTCAAGGTCACCTGTC   | 170         |
| Snail1         | ATGCACATCCGAAGCCACAC      | GGTCAGCAAAAGCACGGTTG    | 148         |
| Snail2         | GAAGCCCAACTACAGCGAAC      | ATAGGGCTGTATGCTCCCGA    | 123         |
| Itgb6          | ATGTGCTTTTTTCAGGGATGGTG   | GCACGGGAGACCCTCTAATC    | 143         |
| E-Cadherin     | AACCCAAGCACGTATCAGGG      | ACTGCTGGTCAGGATCGTTG    | 142         |
| F4/80          | TGACTCACCTTGTGGTCCTAA     | CTTCCAGAATCCAGTCTTTCC   | 110         |
| CD86           | GCACGGACTTGAACAACCAG      | CCTTTGTAAATGGGCACGGC    | 194         |
| CD11c          | TCTTCTGCTGTTGGGGTTTG      | CAGTTGCCTGTGTGATAGCC    | 204         |
| TNF- $\alpha$  | GATCGGTCCCCAAAGGGATG      | GGTGGTTTGTGAGTGTGAGGG   | 86          |
| IL-1 $\beta$   | TGCCACCTTTTGACAGTGATG     | ATGTGCTGCTGCGAGATTG     | 136         |
| Ccr7           | CTCTCCACCGCCTTTCCTG       | ACCTTTCCTACCTTTTATTCCC  | 126         |
| iNOS           | CGTTTGGGTCTTGTTCACTC      | GGTCATCTTGTATTGTTGGGCTG | 222         |
| COX-2          | CCCGGACTGGATTCTATGGTG     | TTCGAGGAAGGGGATGTTG     | 153         |
| CD163          | GACACACGGAGCCATCAAAATC    | TCACAGCCACAACAAAGAAACCT | 126         |
| CD16           | GAAGGGGAAACCATCACGCT      | GCAAACAGGAGGCACATCAC    | 293         |
| IL-6           | GAGTCCTTCAGAGAGATACAGAAAC | TGGTCTTGGTCCTTAGCCAC    | 150         |
| IL-8           | CTGCTGGCTGTCCTTAACC       | TCTGTTGCAGTAAATGGTCTCG  | 150         |
| IL-13          | GCCAAGATCTGTGTCTCTCCC     | ACTCCATACCATGCTGCCG     | 106         |
| CD206          | TGTGGAGCAGATGGAAGGTC      | TGTCGTAGTCAGTGGTGGTTC   | 201         |
| Arginase       | GTGGGGAAAGCCAATGAAGAG     | TCAGGAGAAAGGACACAGGTTG  | 232         |
| Ym1            | AGAAGCAATCCTGAAGACACC     | GCATTCCAGCAAAGGCATAG    | 205         |
| Fizz1          | CGTGGAGAATAAGGTCAAGGAAC   | CAACGAGTAAGCACAGGCAG    | 212         |
| IL-10          | GGACAACATACTGCTAACCGAC    | CCTGGGGCATCACTTCTACC    | 112         |
| Foxp3          | GTATTGAGGGTGGGTGTCAGG     | ACAGCATGGGTCTGTCTTCTC   | 95          |
| Cd25           | TGAAGTGTGGGAAAACGGGG      | TTGTGGGAAGTCTGTGGTGG    | 158         |
| Ctla4          | GGACTTGGCCTTTTGTAGCC      | ACACCACTGAAGGTTGGGTC    | 87          |
| Il17           | GCAAACATGAGTCCAGGGAGAG    | CAGGGTCTTCATTGCGGTGG    | 262         |
| Ahr            | TGTTGCATTAAAGTCCACCCC     | ACCAGCACAAAGCCATTTCAG   | 129         |
| Ror $\alpha$   | GCGGCGTAAAGGATGTATTTG     | TGCTCTGCTGACTTCTCCTG    | 154         |
| $\beta$ -actin | GCCAACCGTGAAAAGATGACC     | GAGGCATACAGGGACAGCAC    | 95          |
| <b>Human</b>   |                           |                         |             |
| Col1a1         | GGAGCAGACGGGAGTTTCTC      | CCGTTCTGTACGCAGGTGAT    | 252         |
| P62            | CCGTGAAGGCCTACCTTCTG      | TCCTCGTCACTGGAAAAGGC    | 214         |
| $\beta$ -actin | GGACTTCGAGCAAGAGATGG      | AGCACTGTGTTGGCGTACAG    | 57          |

Table S2. Primary antibodies used in Western Blot analysis

| Antibody                                  | Dilution |
|-------------------------------------------|----------|
| Anti-SQSTM1 (Santa Cruz, SC-28359)        | 1:1000   |
| Anti-Becn1 (Novus Biologicals, NB500-249) | 1:1000   |
| Anti-Col1a1 (Cell Signalling, 84336S)     | 1:1000   |
| Anti-LC3 (Sigma-Aldrich, L8918)           | 1:1000   |
| Anti-GAPDH (Sigma-Aldrich, G9545)         | 1:5000   |