**Table S3. SMAD3 Target Genes that are Changed in IPF Lungs**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Gene ID** | **UniGene ID** | **Entrez ID** | **Chromosome** |  **Peak Height1**  | ***q* Value IPF/CTRL2** | **Fold Change IPF/CTRL3** |
|  COL7A1  |  Hs.476218  | 1294 | chr3 |  4.63  | 0.000 | 2.9 |
|  SMAD7  |  Hs.465087  | 4092 | chr18 |  3.91  | 2.234 | 0.6 |
|  S100A2  |  Hs.516484  | 6273 | chr1 |  3.31  | 0.000 | 8.1 |
|  RRAS  |  Hs.515536  | 6237 | chr19 |  3.30  | 0.466 | 0.6 |
|  MYO1D  |  Hs.658000  | 4642 | chr17 |  3.23  | 0.000 | 1.3 |
|  TRIB1  |  Hs.444947  | 10221 | chr8 |  3.17  | 2.772 | 0.6 |
|  QPCT  |  Hs.79033  | 25797 | chr2 |  2.67  | 4.272 | 1.3 |
|  C14orf79  |  Hs.27183  | 122616 | chr14 |  2.66  | 3.382 | 1.5 |
|  TAGLN  |  Hs.632099  | 6876 | chr11 |  2.62  | 0.316 | 1.5 |
|  C14orf43  |  Hs.656506  | 91748 | chr14 |  2.60  | 0.000 | 0.6 |
|  SH2D4A  |  Hs.303208  | 63898 | chr8 |  2.54  | 0.466 | 0.7 |
|  PDE7B  |  Hs.652367  | 27115 | chr6 |  2.51  | 1.766 | 1.4 |
|  ITGB1  |  Hs.695946  | 3688 | chr10 |  2.50  | 1.766 | 0.4 |

1. The peak heights of SMAD3 binding peaks for each of the target genes of the ChIP-on-chip analysis.
2. The *q* value of gene expression microarray analysis of IPF and control lungs. A *q* value of 5, which corresponds toa 5% false discovery rate, was used as a cutoff of statisticalsignificance in microarray data.
3. The fold change of differentially expressed genes between IPF and control lungs.