**Supplemental Information**

**Endogenous Semaphorin-7A Impedes Human Lung Fibroblast Differentiation**

Esnault S.1, Torr EE.1, Bernau K.1, Johansson MW.2, Kelly EA1, Sandbo N.1\*, Jarjour NN.1\*

The University of Wisconsin-Madison School of Medicine and Public Health, Department of 1Medicine, Division of Allergy, Pulmonary and Critical Care Medicine, and 2Department of Biomolecular Chemistry, Madison, WI, USA

\*These authors contributed equally as senior authors

**Supplemental Table 1: Primer sequences used for real-time PCR**

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| **GENE** | **Forward primer** | **Reverse primer** |
| **HUMAN** |  | |
| GUSB | CAGGACCTGCGCACAAGAG | TCGCACAGCTGGGGTAAG |
| SEMA7A | CTCCGCCCAGGGCCACCTAA | ACATGGCCTTTCCAGACGGCG |
| PLXNC1 | CCACCCCTTCACAGCTTGCGA | GCCACTGGACACTGTTCCTGGT |
| POSTN | TTATATGAGAATGGAAGGAATGAAAG | GTGCCATAAACATGGTCAATGG |
| FN1 | TCGAATTATGAGCAGGACCAGAA | CCTCCTCGAGTCTGAACCAAAA |
| COLA1A1 | CCAGAAGAACTGGTACATCAGCA | CGCCATACTCGAACTGGAAT |
| LAMB1 | GCCCGAACCCTACTGTATCG | TGGGAATTGCATATGAAGCATT |
| SRF | AGCACAGACCTCACGCAGA | GTTGTGGGCACGGATGAC |
| FOS | CTACCACTCACCCGCAGACT | AGGTCCGTGCAGAAGTCCT |
| TGFB1 | CGCGTGCTAATGGTGGAAA | TATACGACACACATGAGACGAACTTGAA |
| IL6 | TGCAGATGAGTACAAAAGTCCTGAT | CACCAATAACGTAGATCTAAGAAACG |
| **Mouse** |  | |
| Postn | Taqman Gene Expression Assay. Life Technologies Mm01284919\_m1 | |
| Fn1 | AGACCATACCTGCCGAATGTAG | GAGAGCTTCCTGTCCTGTAGAG |
| Acta2 | AAACAGGAATACGACGAAG | CAGGAATGATTTGGAAAGGA |