**Supplementary File 1a**. Semiquantitative analysis of *LOX2* and *PLOD2* mRNA expression identified by RNAscope in situ hybridization in cell subtypes in IPF lung tissue (n=7 donors). FF, fibroblast focus

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|   | ​Preserved lung pneumocytes | Preserved lung Bronchial epithelium | Alveolar Macrophages | Smooth muscle | Endothelial cells | Inflammatorycells | AT2 overlying FF | Fibroblasts in FF |
| *LOX2* |   |   |   |   |   | + | + | +++ |
| *PLOD2* |   |   |   |   |   | + | + | +++ |

**Supplementary File 1b**. Fibroblast donor demographic details

|  |  |  |  |
| --- | --- | --- | --- |
| **Sex**  | **Age**  | **Smoking history** | **Disease status**  |
|
| M  | 68 | never | IPF  |
|
| M  | 71 | never | IPF  |
|
| F  | 66 | ex | IPF  |
|
| M  | 62 | never | IPF  |
|
| M  | 71 | never | IPF  |
|
| M  | 73 | ex | IPF  |
|
| F  | 66 | ex | IPF  |
|
| F  | 60 | never | Normal  |
|
| M  | 71 | ex | Normal  |
|
| M  | 66 | ex | Normal  |
|
| F  | 74 | never | Normal  |
|
| M  | 67 | ex | Normal  |
|