**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 | Inflammatory  cells | 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 |
|