

**Table S1 Clinical and demographic characteristics of the LGRC cohort**

	<b>COPD (N=209)</b>	<b>IPF (N=100)</b>	<b>Control (N=48)</b>
<b>Age (years)</b>	66 (59; 72)	65 (61; 71)	62 (50; 70)
<b>Male (%)</b>	118 (56.5)	67 (67.0)	19 (39.6)
<b>Race N (%)</b>			
White	202 (96.7)	92 (92.0)	42 (87.5)
Black	6 (2.9)	3 (3.0)	3 (6.3)
Other/unknown	1 (0.5)	5 (5.0)	3 (6.3)
<b>Smoker N (%)</b>	614	220 (35.8)	66 (43.1)
Current	13 (6.2)	2 (2.0)	1 (2.0)
Ever	185 (88.5)	53 (53.5)	23 (47.9)
Never	11 (5.3)	44 (44.4)	20 (41.7)
unknown	0	1 (1.0)	4 (8.3)
<b>FEV<sub>1</sub>, % predicted</b>	52 (27; 68)	72 (58; 83)	98 (88; 106)
<b>FVC, % predicted</b>	75 (62; 88)	64 (51; 75)	93 (86; 99)
<b>FEV<sub>1</sub>/FVC</b>	0.5 (0.4; 0.6)	0.8 (0.8;0.9)	0.8 (0.8;0.8)
<b>DLCO, % predicted</b>	55 (38; 73)	49 (36; 61)	88 (78; 99)
<b>LAA %</b>	7.3 (1.3; 26.9)	NA	NA