

Supplementary Table S1. Clinical demographic characteristics, respiratory symptom and pulmonary function of non-COPD patients (n=161)

		Tertile 1* (<12.22)	Tertile 2* (12.22–27.91)	Tertile 3* (>27.91)	Unadjusted p trend	Adjusted p trend
Participants	161	53 (33.0)	54 (33.5)	54 (33.5)		
Telomere length, kb	21.97±14.43	6.61±0.35	20.07±4.21	38.95±8.12	<0.001	
Sex					0.429	
Male	94 (58.4)	34 (64.2)	32 (59.3)	28 (51.9)		
Female	67 (41.6)	19 (35.8)	22 (40.7)	26 (48.1)		
Age, yr	71.96±7.22	71.82±7.30	70.94±7.19	73.13±7.14	0.287	
Smoking					0.088	
Current	21 (13.0)	11 (20.8)	5 (9.3)	5 (9.3)		
Former	51 (31.7)	14 (26.4)	23 (42.6)	14 (25.9)		
None	89 (55.3)	28 (52.8)	26 (48.1)	35 (64.8)		
Pack-year	12.26±18.98	12.85±18.70	14.16±20.75	9.78±17.41	0.472	
CAT	14.59±9.50	15.54±1.55	15.02±1.50	13.77±1.57	0.605	0.349
mMRC	1.18±1.10	1.11±0.18	1.30±0.17	1.11±0.18	0.729	0.994
Pre-bronchodilator						
FVC, L	2.79±0.75	2.64±0.08	2.63±0.08	2.74±0.08	0.989	0.317
FVC, % predicted [†]	95.56±18.21	92.48±2.76	91.03±2.71	97.20±2.83	0.074	0.167
FEV ₁ , L	2.08±0.54	1.97±0.07	2.00±0.06	2.11±0.07	0.768	0.097
FEV ₁ , % predicted [†]	97.48±20.73	94.53±3.08	94.13±3.02	102.25±3.16	0.022	0.044
FEV ₁ /FVC	74.58±8.68	73.54±1.30	76.78±1.27	77.05±1.33	0.044	0.030
Post-bronchodilator						
FVC, L	2.81±0.75	2.75±0.09	2.65±0.09	2.81±0.09	0.864	0.595
FVC, % predicted [†]	96.32±18.92	95.83±2.84	92.14±2.79	99.30±2.92	0.086	0.324
FEV ₁ , L	2.14±0.56	2.07±0.07	2.05±0.07	2.19±0.07	0.809	0.150
FEV ₁ , % predicted [†]	100.51±21.15	98.69±3.17	96.56±3.11	106.30±3.25	0.017	0.053
FEV ₁ /FVC	76.58±5.45	75.52±0.84	77.7±0.82	78.48±0.86	0.011	0.005
IL-8 (n=96)	21.27±30.96	26.06±42.41	17.09±13.09	17.73±19.68	0.396	
IL-6 (n=96)	2.57±2.94	3.03±3.23	2.08±2.69	2.33±2.69	0.376	
CRP (n=96)	0.31±0.70	0.40±0.81	0.30±0.79	0.18±0.21	0.468	

Values are presented as number (%) or mean±SD and analyzed with the t test or chi-square test.

Adjusted variables: sex, age, smoking status, height.

*Non-COPD patients were divided into three groups based on telomere length, with the first tertile being the shortest and the third tertile being the longest. [†]Adjusted variables: sex, age, smoking status.

COPD: chronic obstructive pulmonary disease; CAT: COPD Assessment Test; mMRC: modified Medical Research Council; FVC: forced vital capacity; FEV₁: forced expiratory volume in 1 second; IL-8: interleukin-8; IL-6: interleukin-6; CRP: C-reactive protein.