

TABLE S2. DEG between COPD_L and both COPD_N and C which varied with fibre type II percentage.

Source	Probe	Gene Symbol	rho	p
Up-regulated genes	A_23_P59210	CDKN1A	0.39	<0.05
	A_23_P23221	GADD45A	0.47	<0.05
	A_23_P19733	SLS22A3	0.59	<0.005
	A_23_P34915	ATF3	0.43	<0.05
	A_23_P313482	ABRA	0.41	<0.05
	A_23_P161218	ANKRD1	0.38	<0.05
	A_24_P193295	RAB15	0.45	<0.05
Down-regulated genes	A_23_P57089	PMEPA1	-0.46	<0.05
	A_24_P319675	RAB10	-0.40	<0.05
	A_23_P146339	GPT	-0.46	<0.05
	A_24_P96961	SPSB1	-0.54	<0.01
	A_24_P368943	EVX1	-0.39	<0.05

Table S2. List of up and down DEG genes between COPD_L and both COPD_N and C that varied with type II fibre percentage in the whole populations.