

Table S1. Patient-derived clone library information related to Figure 1

Study Pat. # (SPN)	Age	Sex	Emphysema CT	Obstruction on Spirometry	Tobacco History	Histology	Other lung disease	Hospital	Tissue Collection
SPN-08	76	F	No	No	Never	No ABN	melanoma	UCONN Health	Resection
SPN-09	52	F	No	No	20 pack years, quit 15 years	inter pneu, No other ABN	ns inter pneu	UCONN Health	Resection
SPN-11	47	F	No	No	30 pack years	Sarcoid, No other ABN	sarcoidosis	UCONN Health	Resection
SPN-12	89	M	No	No	20 pack years	inter pneu, No other ABN	ns inter pneu	UCONN Health	Resection
SPN-14	42	F	No	No	Never	No ABN	None	UTHSC	Transplant Donor
SPN-18	61	F	No	No	Yes, quit 14 years	No ABN	lung CA	UCONN Health	Resection
SPN-19	66	F	No	No	Never	Sarcoid, No other ABN	lung CA, sarc	UCONN Health	Resection
SPN-21	39	F	No	No	Never	NA	granulo inflam	UCONN Health	Resection
SPN-28	76	F	No	No	27 pack years, quit 1973	No ABN	lung CA	UCONN Health	Resection
SPN-33	NA	NA	NA	NA	NA	No ABN	NA	UIHC	Transplant Donor
SPN-03	59	F	No	No	Never	DIPNECH No other ABN	DIPNECH	UCONN Health	Resection
SPN-01	59	M	Mild	No	20 pack years, active	Emphysema, INF, SCM	lung CA	UCONN Health	Resection
SPN-02	61	M	Mild	No	>70 pack years	Emphysema	lung CA	UCONN Health	Resection
SPN-04	59	M	Yes	Yes	62 pack years, active	Emphysema	lung CA	UCONN Health	Resection
SPN-05	58	M	Mild	No	30 pack years, active	Emphysema	benign nodule	UCONN Health	Resection
SPN-06	59	F	Mild	No	20-40 pack years	Emphysema INF, SCM	lung CA	UCONN Health	Resection
SPN-07	67	M	Upper lobes	NA	Yes	Emphysema INF, SCM	melanoma	UCONN Health	Resection
SPN-10	55	F	Mild	Yes	Yes, recent quit	Emphysema INF, SCM	lung CA	UCONN Health	Resection
SPN-13	63	M	Yes	Yes	30 pack years, recent quit	Emphysema INF, SCM	lung CA	UCONN Health	Resection
SPN-15	74	M	Mild	yes	Yes, quit 14 years	Emphysema INF, SCM	lung CA	UCONN Health	Resection
SPN-16	56	M	Mild	Yes	80 pack years, active	Emphysema INF, SCM	lung CA	UCONN Health	Resection
SPN-17	65	F	Mild	Yes	40 pack years, not active	Emphysema INF	lung CA	UCONN Health	Resection
SPN-20	56	F	NA	Yes	20 pack years, quit 6 years	Emphysema INF, SCM	lung CA	UCONN Health	Resection
SPN-23	69	M	Mild	Yes	50 pack years, active	Emphysema	lung CA	UCONN Health	Resection
SPN-24	70	M	Yes	Yes	45 pack years, recent quit	Emphysema	granuloma	UCONN Health	Resection
SPN-25	57	M	Mild	Yes	>100 pack years, active	Emphysema INF, SCM	lung CA	UCONN Health	Resection
SPN-26	66	M	Yes Upper lobes	Yes	40-50 pack years, D/Ced 2012	Emphysema INF, SCM	lung CA	UCONN Health	Resection
SPN-27	63	M	Yes Upper lobes	Yes	Extensive, active	Emphysema	lung CA	UCONN Health	Resection
SPN-31	68	M	Yes	Yes	47 pack years 6 year cessation	Emphysema INF	none	UIHC	Transplant Recipient
SPN-32	65	M	Yes	Yes	100 pack years 3 year cessation	Emphysema INF	none	UIHC	Transplant Recipient