

Supplementary Table 8: List of enriched pathways for 773 differentially expressed genes in BAL for therapy effects

Function	FDR	Genes in network	Genes in genome
cilium	4.50E-15	97	596
ciliary part	1.91E-10	71	446
cilium organization	1.91E-10	64	383
cilium assembly	4.43E-10	60	367
cell projection assembly	2.69E-08	73	570
axoneme	1.28E-07	38	117
axonemal dynein complex assembly	2.81E-05	15	33
organelle assembly	2.92E-05	72	823
motile cilium	0.001507113	45	177
plasma membrane region	0.001507113	61	1144
axoneme part	0.004331309	15	36
cilium movement	0.006620196	28	63
cell chemotaxis	0.007785826	25	293
cytokine activity	0.007785826	20	219
axonemal dynein complex	0.00948436	8	17
ciliary transition zone	0.012080052	11	68
epithelial cell differentiation	0.012080052	58	763
glomerular epithelial cell differentiation	0.035903722	6	19
inflammatory response	0.035903722	46	684