

**Table S2.** PubMatrix search results for the TCR/JS/CCR signature genes against sarcoidosis-related search terms.

Gene	Sarcoidosis	Tuberculosis	Granulomatous disease	Hypersensitivity pneumonitis	Pulmonary fibrosis
<i>CD247</i>	0	0	0	0	0
<i>CD28</i>	9	38	20	6	8
<i>CD3D</i>	0	0	0	0	0
<i>CD3E</i>	0	0	0	0	0
<i>CD3G</i>	0	0	0	0	0
<i>CD8A</i>	0	0	0	0	0
<i>CBLB</i>	0	0	0	0	0
<i>GRAP2</i>	0	0	0	0	0
<i>ITK</i>	0	0	0	0	1
<i>NCK1</i>	0	0	0	0	0
<i>RASGRP1</i>	0	0	0	0	0
<i>DLG1</i>	0	0	0	0	0
<i>ICOS</i>	0	3	1	0	0
<i>IFNG</i>	188	3629	432	43	341
<i>IL7R</i>	2	8	4	0	0
<i>JUN</i>	0	1	3	1	28
<i>LCK</i>	1	3	0	0	1
<i>MAPK9</i>	0	1	0	0	0
<i>MALT1</i>	0	0	0	0	0
<i>NFATC2</i>	0	0	0	0	0
<i>NFATC3</i>	0	0	0	0	0
<i>PIK3CA</i>	0	0	0	0	1
<i>PLCG1</i>	0	2	3	0	3
<i>AKT3</i>	3	14	2	1	31
<i>ZAP70</i>	0	0	0	0	0
<i>CCND2</i>	0	0	0	0	0
<i>IL2RA</i>	3	27	5	1	2
<i>IL2RB</i>	10	43	8	3	4
<i>STAT4</i>	1	7	2	0	2
<i>SPRED1</i>	0	0	0	0	0
<i>SOCS4</i>	0	6	1	0	4

Each number in the table represents the count of literatures containing the corresponding gene name and search term.