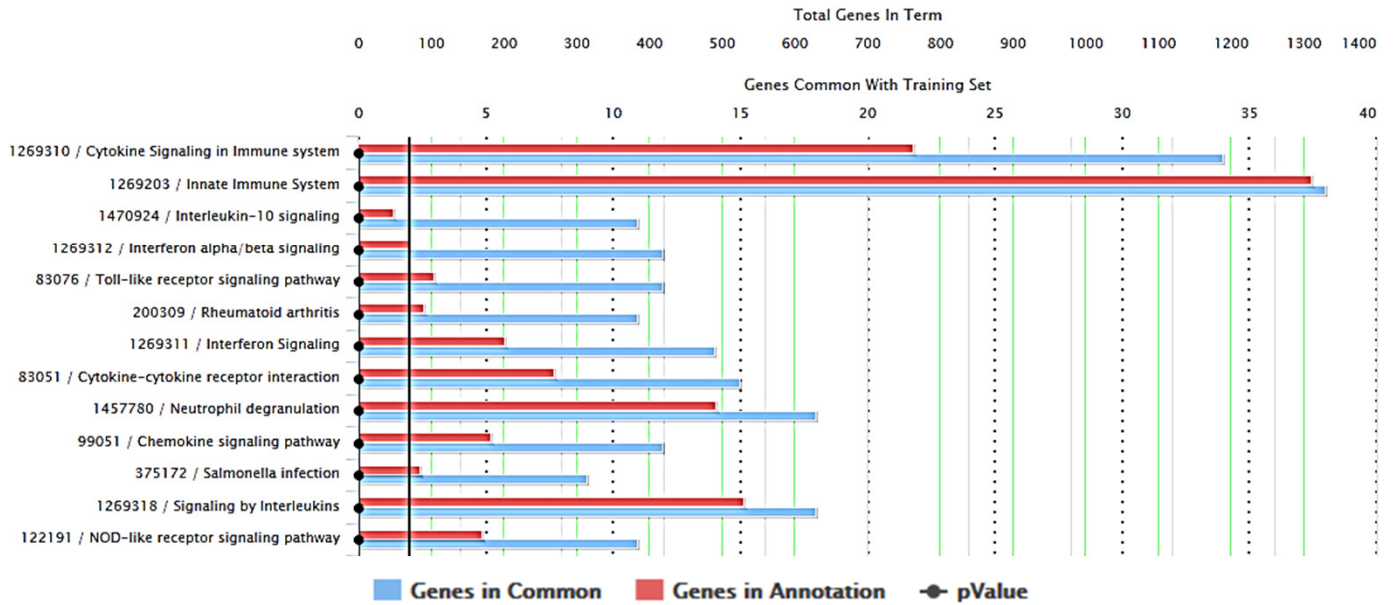


Supplementary Figure 2.

a

Significant Terms For: Pathway



b

ID	Name	pValue	FDR B&H	Genes from Input	Genes in Annotation
1	M2568 Genes up-regulated in lung tissue upon LPS aspiration with mechanical ventilation (MV) compared to control (PBS aspiration without MV).	8.832E-38	6.185E-34	25	128
2	19795415-Table1 Mouse Lung Beisiegel09 262genes	9.697E-29	3.395E-25	23	207
3	16479545-Table2 Mouse Lung not cancer Kahnert06 70genes	3.788E-28	8.842E-25	16	50
4	12446012-Table2 Mouse Immune Carmody02 151genes	1.415E-25	2.478E-22	18	112
5	20220088-SuppTable2a Human Immune Allen10 106genes	2.142E-24	3.000E-21	17	103
6	M3302 Genes down-regulated in comparison of unstimulated peripheral blood mononuclear cells (PBMC) 3 days after stimulation with YF17D vaccine versus PBMC 7 days after the stimulation.	4.178E-24	4.877E-21	20	199
7	20460173-ImmPortAntimicrobials Human Immune Kong10 544genes ImmPort Antimicrobials	3.231E-23	3.233E-20	25	469
8	M3010 Genes transcriptionally modulated in the blood of multiple sclerosis patients in response to subcutaneous treatment with recombinant IFNβ1 [GeneID = 3456].	3.775E-23	3.304E-20	16	95
9	M14829 Genes down-regulated in hematopoietic precursor cells conditionally expressing HOXA9 and MEIS1 [GeneID=3205,4211].	8.957E-23	6.970E-20	15	77
10	M3296 Genes down-regulated in comparison of unstimulated peripheral blood mononuclear cells (PBMC) 1 day after stimulation with YF17D vaccine versus PBMC 7 days after the stimulation.	1.744E-22	1.036E-19	19	199
11	M5932 Genes defining inflammatory response.	1.922E-22	1.036E-19	19	200
12	M5913 Genes up-regulated in response to IFNG [GeneID=3458].	1.922E-22	1.036E-19	19	200
13	M7237 Genes down-regulated in thymus cortical regions: subcapsular versus central cortical.	1.922E-22	1.036E-19	19	200
14	16081686-SuppTable2 Human Lymphoma Tome05 357genes	3.171E-21	1.586E-18	17	155
15	M3288 Genes down-regulated in comparison of unstimulated peripheral blood mononuclear cells (PBMC) versus PBMC 7 days after stimulation with YF17D vaccine.	7.418E-21	3.056E-18	18	200
16	M9572 Genes up-regulated in cells from peripheral lymph nodes: T reg versus T conv.	7.418E-21	3.056E-18	18	200
17	M7320 Genes up-regulated in HMC-1 (mast leukemia) cells: incubated with the peptide ALL1 and then treated with CI-IB-MECA [PubChem=3035850] versus stimulation by T cell membranes.	7.418E-21	3.056E-18	18	200
18	M1430 Genes defining differentiation potential of the bipotential myeloid cell line FDB.	9.472E-21	3.685E-18	17	165
19	17174972-TableS1 Human Zola07 426genes CellDifferentiationMarkers	1.089E-20	4.014E-18	21	345
20	M1920 Genes forming the macrophage-enriched metabolic network (MEMN) claimed to have a causal relationship with the metabolic syndrom traits.	1.273E-20	4.458E-18	32	1210