

Supplemental Table 2 (heatmap)

	Original row	Gene	GroupA (Control) mean	GroupA (Control) std.dev.	GroupB (REJ) mean	GroupB (REJ) std.dev.	Absolute t value	Degrees of freedom	Raw p value	Adj p value	False Discovery Rate
Significant gene list	1	MMP3	-1.1444253	1.784176	4.847768	3.415051	5.607315	18	2.54E-05	2.54E-05	0.002238
	2	IL8	-0.77998984	1.778811	4.705445	3.720921	4.795546	17	1.68E-04	1.68E-04	0.007411
	3	CSF3	0.10936117	1.35004	4.28322	4.800298	3.017943	13	0.009892	0.009892	0.048359
	4	CXCL5	0.038066022	1.483132	3.317778	4.061583	2.734853	15	0.015347	0.015347	0.064309
	5	MMP9	-2.0277085	2.930432	2.297222	2.134047	4.301574	21	3.16E-04	3.16E-04	0.004633
	6	IL1B	-1.144222	1.92151	2.243683	4.777408	2.372195	15	0.031488	0.031488	0.098663
	8	CXCL1	-1.2608813	2.354877	2.179928	2.53956	3.582082	23	0.001578	0.001578	0.013884
	9	CCL7	-0.5148121	1.012897	2.173177	2.986633	3.073098	14	0.008262	0.008262	0.045442
	10	ICAM1	-2.1985965	2.481911	2.074404	3.279101	3.746297	22	0.001118	0.001118	0.014049
	11	CEBPB	-2.1007123	2.88485	2.023696	1.835376	4.349187	20	3.11E-04	3.11E-04	0.005474
	13	IL10	-0.2717428	0.670777	1.930243	2.000928	3.762079	14	0.002103	0.002103	0.015419
	14	CCR4	0.4074066	1.078048	1.874938	2.046558	2.287486	18	0.03449	0.03449	0.10117
	15	CXCL2	-1.0588307	2.04236	1.853185	3.63746	2.516874	18	0.021538	0.021538	0.075815
	16	IL23A	0.14049867	0.67669	1.780661	1.423934	3.751041	17	0.001591	0.001591	0.012731
	17	IL21	-0.0740823	1.548112	1.743046	1.725185	2.826521	23	0.009568	0.009568	0.049528
	18	IL1R1	-0.06664349	0.607934	1.721011	1.48883	4.007968	15	0.001141	0.001141	0.012548
	19	IFNG	-0.17466003	1.365734	1.647037	2.164105	2.568987	20	0.018313	0.018313	0.070067
	20	CCL1	0.012831321	0.921896	1.559582	1.930389	2.606964	17	0.018413	0.018413	0.067514
	23	RUNX1	-0.8500922	1.557826	1.482528	1.061636	4.461322	21	2.16E-04	2.16E-04	0.006326
	24	CCL22	-0.47456095	2.278004	1.480148	2.203568	2.23712	23	0.036271	0.036271	0.102963
	25	CCL2	-1.289582	2.062592	1.3604	2.965355	2.645142	21	0.015138	0.015138	0.066608
	26	TGFB1	-0.6453202	1.647945	1.349177	1.027014	3.703453	20	0.001406	0.001406	0.013746
	27	CLEC7A	-0.39263222	0.767617	1.344511	1.188143	4.427846	20	2.59E-04	2.59E-04	0.005695
	28	STAT5A	-0.2907005	1.313426	1.244116	0.931479	3.436755	21	0.002475	0.002475	0.016753
	30	IL27	-0.015112217	0.657186	1.138631	1.202886	3.034851	18	0.007124	0.007124	0.044779
	31	CD28	-0.028763404	1.134382	1.083053	1.554382	2.083206	21	0.04964	0.04964	0.121342
	32	CXCL12	0.13117975	0.73751	1.018096	1.190566	2.283361	20	0.033481	0.033481	0.101597
	33	IL17RA	0.168024	0.495032	0.942598	0.933213	2.64371	18	0.016507	0.016507	0.066027
	36	IL12RB1	-0.15710852	0.827224	0.84905	1.070963	2.680948	22	0.013649	0.013649	0.063217
	40	IRF4	-1.4378442	2.500286	0.748576	2.862384	2.074204	20	0.049438	0.049438	0.124301
	42	CD8A	-0.5506776	0.959846	0.65197	1.719309	2.202133	18	0.040934	0.040934	0.109158
	44	JAK2	0.09812588	0.376608	0.642146	0.696808	2.476413	18	0.023427	0.023427	0.079293
	52	NFATC2	-1.3247625	1.65307	0.365477	2.176616	2.229723	22	0.03629	0.03629	0.099798
	73	CD40LG	0.37606114	0.661071	-0.506	1.288047	2.196687	17	0.042199	0.042199	0.10922
	85	IL17RE	0.19638473	0.923816	-2.16336	3.25084	2.517541	13	0.025723	0.025723	0.083838
	88	RORC	0.15016642	0.716562	-3.7453	4.371808	3.170394	12	0.008064	0.008064	0.047307
	7	SOCS3	0.086661615	0.9459635	2.2105625	4.4089828	1.7126155	13	0.11051622	0.11051622	0.22617273
	12	IL6	-0.47415444	1.6433891	1.995754	4.353084	1.913916	15	0.07490773	0.07490773	0.164797
	21	CSF2	-0.01965497	1.022041	1.5504382	2.9578817	1.8089443	14	0.091979384	0.091979384	0.19271871
	22	IL22	0.15175483	1.2823931	1.5202632	2.7598715	1.621363	16	0.12447728	0.12447728	0.24342224
	29	IL3	-0.051660538	0.95721173	1.1683787	1.8770227	2.087757	17	0.0521806	0.0521806	0.124105215
	34	CCL20	-0.27664986	3.660953	0.9390204	2.6076338	0.9751843	21	0.34056932	0.34056932	0.49131313
35	IL17F	-0.010258345	1.3555764	0.89608896	1.863716	1.418003	21	0.17085905	0.17085905	0.29481563	
37	IL4	0.11340838	1.0171885	0.8010439	1.5728035	1.32366	20	0.20054777	0.20054777	0.32087642	
38	TNF	-0.43827978	1.4275063	0.7627905	2.3508186	1.5804652	19	0.13050449	0.13050449	0.28666078	
39	IL17C	0.1968591	0.97566134	0.76516384	1.6816406	1.0539422	19	0.30512846	0.30512846	0.45510682	
41	ICOS	0.21152717	0.97045183	0.67374736	1.5707563	0.9026015	19	0.3070301	0.3070301	0.51979136	
43	S1PR1	-0.3939973	1.2599405	0.6498113	3.9086366	0.9164333	14	0.37495646	0.37495646	0.5237487	
45	IL12B	0.16090837	1.229505	0.62968224	1.4940349	0.87352926	23	0.3914041	0.3914041	0.51408297	
46	GATA3	0.2503928	0.6528514	0.5703091	1.1518172	0.8912238	18	0.3951037	0.3951037	0.51131017	
47	IL25	0.21046059	0.96987545	0.5152768	1.1598654	0.7269034	23	0.4746193	0.4746193	0.5800903	
48	IL12RB2	0.25662968	0.9047446	0.5002421	2.4209135	0.33986223	15	0.73867255	0.73867255	0.7831709	
49	FOXP3	0.03171101	1.0223359	0.49590418	2.8892667	0.5460914	14	0.5395974	0.5395974	0.66969967	
50	CX3CL1	-0.53811926	1.5270754	0.43097788	3.6048846	0.89250165	16	0.3853509	0.3853509	0.5138012	
51	CD34	-1.2976941	2.4890594	0.42903745	3.848098	1.584791	20	0.18943831	0.18943831	0.31453907	
53	IL17A	0.20313028	0.9431474	0.34906572	1.1078364	0.36165094	23	0.7209141	0.7209141	0.77366394	
54	NFKB1	-0.1364021	0.9216364	0.34537587	0.7858272	1.4342098	23	0.16496968	0.16496968	0.29034665	
55	TBX21	-0.11045862	0.6966325	0.34086147	2.6165524	0.600974	13	0.5681909	0.5681909	0.6379324	
56	CXCL6	-2.2826843	3.4535172	0.33706263	3.4978885	1.9216624	23	0.06712425	0.06712425	0.15145984	
57	IL17D	0.27749068	0.8211776	0.27873003	1.0272231	0.003397866	22	0.9973195	0.9973195	0.9973195	
58	IL9	0.05395706	0.88612354	0.25031552	1.1598655	0.485043	22	0.6324407	0.6324407	0.69568473	
59	STAT3	-0.007240561	0.3997785	0.19829887	0.6336304	0.9891572	20	0.33440313	0.33440313	0.49045792	
60	ISG20	-0.13243845	0.5302192	0.17590094	1.044092	0.9493813	17	0.3557292	0.3557292	0.50490594	
61	ACTB	-0.0357	0.40044415	0.012674057	1.1346012	0.14496014	14	0.8868086	0.8868086	0.9290376	
62	IL13	-0.09230452	0.91346645	-0.007719114	1.9757553	0.1401097	16	0.89032197	0.89032197	0.9217451	
63	RORA	-2.2399738	2.855033	-0.09359191	4.228866	1.5174631	21	0.14406709	0.14406709	0.26973084	
64	STAT6	0.18517984	0.52125674	-0.10315771	0.5899058	1.3206357	23	0.1996138	0.1996138	0.32529655	
65	IL5	-0.23897912	1.3861959	-0.15538582	2.1729805	0.11693606	20	0.908077	0.908077	0.92919505	
66	RPLP0	-0.004749041	0.44829947	-0.20279036	0.85369855	0.7405235	18	0.46853286	0.46853286	0.5807168	
67	TLR4	-0.3150235	2.8946583	-0.22391492	4.1187763	1.999016	21	0.058714088	0.058714088	0.13596946	
68	SYK	0.02230866	0.30612954	-0.28458259	0.9386019	1.1207871	14	0.28123656	0.28123656	0.42670372	
69	GAPDH	0.018786598	0.27775937	-0.29656628	0.83920634	1.2862545	14	0.21921974	0.21921974	0.34448817	
70	B2M	0.0563875	0.36197394	-0.38902313	0.903794	1.6495221	15	0.11981962	0.11981962	0.23963294	
71	JAK1	-1.4258295	3.3265228	-0.4414557	3.3058982	0.75678504	23	0.45686153	0.45686153	0.57430116	
72	IL2	0.039067123	0.8999731	-0.50127417	1.9582388	0.9039893	16	0.379411	0.379411	0.5136641	
74	IL23R	0.036720164	1.290044	-0.60663265	0.90334606	1.4729004	21	0.15560898	0.15560898	0.28528312	
75	IL17RB	-1.3346807	2.2088947	-0.6165451	2.8382835	0.7199358	22	0.47914404	0.47914404	0.5775983	
76	SOCS1	-1.3944854	2.1065753	-0.6823342	4.5766664	0.50964504	16	0.6172575	0.6172575	0.68757796	
77	IL7R	-0.3151273	1.858716	-0.846961	3.571931	0.47622144	18	0.6396459	0.6396459	0.6949239	
78	CCR2	-0.12979156	1.3238297	-0.8895675	3.8196285	0.6776469	14	0.50904036	0.50904036	0.597274	
79	STAT4	-0.15490566	0.90747935	-0.95160484	4.196786	0.66901684	13	0.5151904	0.5151904	0.5965363	
80	IL15	-0.9261018	2.2414641	-0.9984778	3.1297202	0.0677892	21	0.9465957	0.9465957	0.95747614	
81	CCR6	-2.0807776	3.0806565	-1.0121806	3.4738288	0.8298166	23	0.41517276	0.41517276	0.52949566	
82	IL18	0.14640278	0.41633108	-1.0211385	2.9930534	1.3930545	12	0.18887237	0.18887237	0.31963018	
83	IL6R	-0.6150403	1.918875	-1.3403397	3.2416258	0.6942157	19	0.4959484	0.4959484	0.5897675	
84	CD4	-0.48008493	1.4807068	-2.020853	4.4147964	1.1930264	14	0.25268614	0.25268614	0.39011195	
86	IL17RC	-1.0864669	2.2240877	-2.8301082	3.7271116	1.4484792	19	0.16378585	0.16378585	0.294146	
87	TRAF6	-0.44733626	1.6156528	-3.0489354	4.7054996	1.8854126	14	0.08029872	0.08029872	0.17234847	