

Table S2. Fold change of 84 genes in the mouse cytokine and chemokine RT² profiler array normalized to the mean expression of housekeeping genes *Gapdh*, *Gusb* and *Hsp90ab1*.

Refseq	Symbol	Description	Susceptible vs. control fold regulation	p-value ^B	Resilient vs. control fold regulation
NM_009605	<i>Adipoq</i>	Adiponectin, C1Q and collagen domain containing	-2,6964	0.220	-7.0969
NM_007553	<i>Bmp2</i>	Bone morphogenetic protein 2	-2,1802	0.149	-2.9385
NM_007554	<i>Bmp4</i>	Bone morphogenetic protein 4	-2,4283	0.111	-1.5382
NM_007556	<i>Bmp6</i>	Bone morphogenetic protein 6	-1,9336	0.093	-1.779
NM_007557	<i>Bmp7</i>	Bone morphogenetic protein 7	-2,4139	0.060	-1.8698
NM_011329	<i>Ccl1</i>	Chemokine (C-C motif) ligand 1	-2,2851	0.241	-1.2779
NM_011330	<i>Ccl11</i>	Chemokine (C-C motif) ligand 11	5,6915	0.374	1.147
NM_011331	<i>Ccl12</i>	Chemokine (C-C motif) ligand 12	-2,7573	0.092	-2.4954
NM_011332	<i>Ccl17</i>	Chemokine (C-C motif) ligand 17	-2,3891	0.127	-1.2329
NM_011888	<i>Ccl19</i>	Chemokine (C-C motif) ligand 19	-2,7219	0.091	-1.0386
NM_011333	<i>Ccl2</i>	Chemokine (C-C motif) ligand 2	-3,0426	0.302	-4.7352
NM_016960	<i>Ccl20</i>	Chemokine (C-C motif) ligand 20	-1,0439 ^A	0.895	1.6497 ^A
NM_009137	<i>Ccl22</i>	Chemokine (C-C motif) ligand 22	-3,3055	0.013	-2.6771
NM_019577	<i>Ccl24</i>	Chemokine (C-C motif) ligand 24	-1,5391	0.224	-1.2805
NM_011337	<i>Ccl3</i>	Chemokine (C-C motif) ligand 3	-2,0926	0.034	-2.5615
NM_013652	<i>Ccl4</i>	Chemokine (C-C motif) ligand 4	-1,6811	0.094	-2.1329
NM_013653	<i>Ccl5</i>	Chemokine (C-C motif) ligand 5	-2,4572	0.024	-2.1169
NM_013654	<i>Ccl7</i>	Chemokine (C-C motif) ligand 7	1,3437	0.989	1.3493
NM_011616	<i>Cd40lg</i>	CD40 ligand	-2,1442	0.053	-1.7667
NM_011617	<i>Cd70</i>	CD70 antigen	-7,0455	0.019	-1.8189
NM_170786	<i>Cntf</i>	Ciliary neurotrophic factor	-1,2059	0.841	2.0007
NM_007778	<i>Csf1</i>	Colony stimulating factor 1 (macrophage)	-2,5178	0.261	-1.3083
NM_009969	<i>Csf2</i>	Colony stimulating factor 2 (granulocyte-macrophage)	-2,2843	0.230	-1.3264
NM_009971	<i>Csf3</i>	Colony stimulating factor 3 (granulocyte)	2,5967	0.099	3.9025
NM_007795	<i>Ctf1</i>	Cardiotrophin 1	1,0819	0.790	1.6978
NM_009142	<i>Cx3cl1</i>	Chemokine (C-X3-C motif) ligand 1	-1,812	0.553	-1.0778
NM_008176	<i>Cxcl1</i>	Chemokine (C-X-C motif) ligand 1	-1,5033	0.068	-1.7245
NM_021274	<i>Cxcl10</i>	Chemokine (C-X-C motif) ligand 10	-2,58	0.052	-1.9927
NM_019494	<i>Cxcl11</i>	Chemokine (C-X-C motif) ligand 11	-4,8526	0.003	-1.5883
NM_021704	<i>Cxcl12</i>	Chemokine (C-X-C motif) ligand 12	-1,829	0.082	-1.5104
NM_018866	<i>Cxcl13</i>	Chemokine (C-X-C motif) ligand 13	-2,4888	0.075	-1.6641
NM_023158	<i>Cxcl16</i>	Chemokine (C-X-C motif) ligand 16	-3,7689	0.069	-1.7893
NM_203320	<i>Cxcl3</i>	Chemokine (C-X-C motif) ligand 3	1,6266	0.903	-1.0923
NM_009141	<i>Cxcl5</i>	Chemokine (C-X-C motif) ligand 5	1,285	0.717	-1.0211
NM_008599	<i>Cxcl9</i>	Chemokine (C-X-C motif) ligand 9	-1,4589	0.264	-1.3553
NM_010177	<i>Fasl</i>	Fas ligand (TNF superfamily, member 6)	1,0862	0.958	1.4083
NM_008155	<i>Gpi1</i>	Glucose phosphate isomerase 1	-1,5124	0.129	-1.5801
NM_010406	<i>Hc</i>	Hemolytic complement	-4,3546	0.090	-2.5876

Table S2 continued

Refseq	Symbol	Description	Susceptible vs. control fold regulation	p-value ^B	Resilient vs. control fold regulation
NM_010503	<i>Ifna2</i>	Interferon alpha 2	-1,0439 ^A	0.895	1.6497 ^A
NM_008337	<i>Ifng</i>	Interferon gamma	-1,9443	0.078	-3.2882
NM_010548	<i>Il10</i>	Interleukin 10	-1,3453	0.390	-4.4725
NM_008350	<i>Il11</i>	Interleukin 11	-1,9218	0.173	-1.6709
NM_008351	<i>Il12a</i>	Interleukin 12A	-2,7967	0.014	-2.5416
NM_008352	<i>Il12b</i>	Interleukin 12B	-2,0722	0.064	-2.4733
NM_008355	<i>Il13</i>	Interleukin 13	-1,5366	0.190	-2.3091
NM_008357	<i>Il15</i>	Interleukin 15	-1,921	0.053	-2.037
NM_010551	<i>Il16</i>	Interleukin 16	-1,9137	0.291	-2.3293
NM_010552	<i>Il17a</i>	Interleukin 17A	-1,0439 ^A	0.895	1.6497 ^A
NM_145856	<i>Il17f</i>	Interleukin 17F	1,923	0.231	3.9549
NM_008360	<i>Il18</i>	Interleukin 18	-1,5194	0.026	-1.7192
NM_010554	<i>Il1a</i>	Interleukin 1 alpha	-1,2444	0.755	-1.1079
NM_008361	<i>Il1b</i>	Interleukin 1 beta	1,1195	0.980	-1.543
NM_031167	<i>Il1rn</i>	Interleukin 1 receptor antagonist	-1,4635	0.180	-1.9358
NM_008366	<i>Il2</i>	Interleukin 2	-1,4114	0.397	-1.2369
NM_021782	<i>Il21</i>	Interleukin 21	-1,2495	0.782	-2.5174
NM_016971	<i>Il22</i>	Interleukin 22	1,1468	0.567	2.1213
NM_031252	<i>Il23a</i>	Interleukin 23, alpha subunit p19	1,0946	0.857	1.2384
NM_053095	<i>Il24</i>	Interleukin 24	-3,5384	0.124	-2.3583
NM_145636	<i>Il27</i>	Interleukin 27	-2,972	0.005	-2.3616
NM_010556	<i>Il3</i>	Interleukin 3	-1,4952	0.835	2.3884
NM_021283	<i>Il4</i>	Interleukin 4	-2,0652	0.114	-1.4104
NM_010558	<i>Il5</i>	Interleukin 5	-4,2424	0.053	-1.3287
NM_031168	<i>Il6</i>	Interleukin 6	1,3978	0.415	-1.6182
NM_008371	<i>Il7</i>	Interleukin 7	-2,8708	0.001	-1.8265
NM_008373	<i>Il9</i>	Interleukin 9	-1,0439 ^A	0.895	1.6497 ^A
NM_008501	<i>Lif</i>	Leukemia inhibitory factor	-1,6974	0.007	-1.7968
NM_010735	<i>Lta</i>	Lymphotoxin A	-3,861	0.019	-2.0008
NM_008518	<i>Ltb</i>	Lymphotoxin B	-2,9926	0.018	-1.9319
NM_010798	<i>Mif</i>	Macrophage migration inhibitory factor	1,3147	0.338	-2.603
NM_010834	<i>Mstn</i>	Myostatin	-1,0439 ^A	0.895	1.6497 ^A
NM_013611	<i>Nodal</i>	Nodal	-1,2466	0.634	1.1199
NM_001013365	<i>Osm</i>	Oncostatin M	-1,067	0.837	-1.9452
NM_019932	<i>Pf4</i>	Platelet factor 4	1,0582	0.740	-1.0346
NM_023785	<i>Pbbp</i>	Pro-platelet basic protein	1,0016	0.770	1.0861
NM_009263	<i>Spp1</i>	Secreted phosphoprotein 1	-1,6097	0.023	-1.8453
NM_009367	<i>Tgfb2</i>	Transforming growth factor, beta 2	-1,378	0.144	1.0267
NM_009379	<i>Thpo</i>	Thrombopoietin	-1,1805	0.700	-1.8442
NM_013693	<i>Tnf</i>	Tumor necrosis factor	-3,5215	0.010	-2.2974
NM_008764	<i>Tnfrsf11b</i>	Tumor necrosis factor receptor superfamily, member 11b (osteoprotegerin)	-3,5001	0.035	-1.3698

Table S2 continued

Refseq	Symbol	Description	Susceptible vs. control fold regulation	p-value ^B	Resilient vs. control fold regulation
NM_009425	<i>Tnfsf10</i>	Tumor necrosis factor (ligand) superfamily, member 10	-1,6369	0.349	1.0805
NM_011613	<i>Tnfsf11</i>	Tumor necrosis factor (ligand) superfamily, member 11	-2,0835	0.243	-2.6957
NM_033622	<i>Tnfsf13b</i>	Tumor necrosis factor (ligand) superfamily, member 13b	-1,8146	0.263	1.2428
NM_009505	<i>Vegfa</i>	Vascular endothelial growth factor A	-2,0575	0.002	-6.3409
NM_008510	<i>Xcl1</i>	Chemokine (C motif) ligand 1	-2,1714	0.008	-2.5541

A: This gene's average threshold cycle is either not determined or greater than the defined cut-off (35 Ct), in both samples meaning that its expression was undetected, making this fold-change result erroneous and uninterpretable.

B: p-value from t-test between control (n = 3) and susceptible (n = 3) samples. For resilient mice (n = 2) statistics could not be calculated due to low sample size.