

Table S3. Cytokines and their expression features in 1 h LPS-stimulated RAW264.7 macrophages.

Symbol	Name	Change of translation (d)	mRNA group*
<i>Ccl1</i>	chemokine (C-C motif) ligand 1	-0.12	0
<i>Ccl11</i>	chemokine (C-C motif) ligand 11	-0.04	0
<i>Ccl12</i>	chemokine (C-C motif) ligand 12	n.d.	n.d.
<i>Ccl17</i>	chemokine (C-C motif) ligand 17	-0.2	0
<i>Ccl19</i>	chemokine (C-C motif) ligand 19	-0.23	0
<i>Ccl2</i>	chemokine (C-C motif) ligand 2	-0.43	1
<i>Ccl20</i>	chemokine (C-C motif) ligand 20	0	1
<i>Ccl22</i>	chemokine (C-C motif) ligand 22	-0.19	1
<i>Ccl24</i>	chemokine (C-C motif) ligand 24	-0.22	0
<i>Ccl25</i>	chemokine (C-C motif) ligand 25	0.09	0
<i>Ccl26</i>	chemokine (C-C motif) ligand 26	n.d.	n.d.
<i>Ccl27a</i>	chemokine (C-C motif) ligand 27A	-0.11	0
<i>Ccl28</i>	chemokine (C-C motif) ligand 28	n.d.	n.d.
<i>Ccl3</i>	chemokine (C-C motif) ligand 3	0.32	1
<i>Ccl4</i>	chemokine (C-C motif) ligand 4	0.63	1
<i>Ccl5</i>	chemokine (C-C motif) ligand 5	-0.34	1
<i>Ccl6</i>	chemokine (C-C motif) ligand 6	-0.04	0
<i>Ccl7</i>	chemokine (C-C motif) ligand 7	-0.14	1
<i>Ccl8</i>	chemokine (C-C motif) ligand 8	n.d.	n.d.
<i>Ccl9</i>	chemokine (C-C motif) ligand 9	0.01	1
<i>Cd40lg</i>	CD40 ligand	n.d.	n.d.
<i>Cd70</i>	CD70 antigen	n.d.	n.d.
<i>Csf1</i>	colony stimulating factor 1 (macrophage)	-0.57	1
<i>Csf2</i>	colony stimulating factor 2 (granulocyte-macrophage)	-0.19	1
<i>Csf3</i>	colony stimulating factor 3 (granulocyte)	-0.71	1
<i>Cxcl1</i>	chemokine (C-X-C motif) ligand 1	0.07	1
<i>Cxcl10</i>	chemokine (C-X-C motif) ligand 10	0.12	1
<i>Cxcl11</i>	chemokine (C-X-C motif) ligand 11	-0.02	1
<i>Cxcl12</i>	chemokine (C-X-C motif) ligand 12	0.02	0
<i>Cxcl13</i>	chemokine (C-X-C motif) ligand 13	n.d.	n.d.
<i>Cxcl14</i>	chemokine (C-X-C motif) ligand 14	0.27	0
<i>Cxcl15</i>	chemokine (C-X-C motif) ligand 15	n.d.	n.d.
<i>Cxcl16</i>	chemokine (C-X-C motif) ligand 16	n.d.	n.d.
<i>Cxcl17</i>	chemokine (C-X-C motif) ligand 17	-0.09	0
<i>Cxcl2</i>	chemokine (C-X-C motif) ligand 2	0.73	1
<i>Cxcl3</i>	chemokine (C-X-C motif) ligand 3	0.08	1
<i>Cxcl5</i>	chemokine (C-X-C motif) ligand 5	n.d.	n.d.
<i>Cxcl9</i>	chemokine (C-X-C motif) ligand 9	n.d.	n.d.
<i>Fasl</i>	Fas ligand (TNF superfamily, member 6)	n.d.	n.d.
<i>Ifna1</i>	interferon alpha 1	0.25	0
<i>Ifna11</i>	interferon alpha 11	n.d.	n.d.
<i>Ifna12</i>	interferon alpha 12	n.d.	n.d.
<i>Ifna13</i>	interferon alpha 13	n.d.	n.d.
<i>Ifna14</i>	interferon, alpha 14	-0.17	0
<i>Ifna2</i>	interferon alpha 2	-0.14	0
<i>Ifna4</i>	interferon alpha 4	n.d.	n.d.

<i>lfna5</i>	interferon alpha 5	-0.15	0
<i>lfna6</i>	interferon alpha 6	n.d.	n.d.
<i>lfna7</i>	interferon alpha 7	n.d.	n.d.
<i>lfna9</i>	interferon alpha 9	0.03	0
<i>lfnab</i>	interferon alpha B	0.23	0
<i>lfnb1</i>	interferon beta 1, fibroblast	n.d.	n.d.
<i>lfne</i>	interferon epsilon	-0.16	0
<i>lfng</i>	interferon gamma	-0.07	0
<i>lfnk</i>	interferon kappa	n.d.	n.d.
<i>lfnl2</i>	interferon lambda 2	-0.27	0
<i>lfnl3</i>	interferon lambda 3	-0.13	0
<i>ll10</i>	interleukin 10	n.d.	n.d.
<i>ll11</i>	interleukin 11	-0.2	0
<i>ll12a</i>	interleukin 12a	-0.02	0
<i>ll12b</i>	interleukin 12b	0.09	0
<i>ll13</i>	interleukin 13	0.07	0
<i>ll15</i>	interleukin 15	n.d.	n.d.
<i>ll16</i>	interleukin 16	0.2	0
<i>ll17a</i>	interleukin 17A	0.08	0
<i>ll17b</i>	interleukin 17B	0.02	0
<i>ll17c</i>	interleukin 17C	0.01	0
<i>ll17d</i>	interleukin 17D	0.04	0
<i>ll17f</i>	interleukin 17F	-0.18	0
<i>ll18</i>	interleukin 18	-0.21	0
<i>ll19</i>	interleukin 19	n.d.	n.d.
<i>ll1a</i>	interleukin 1 alpha	n.d.	n.d.
<i>ll1b</i>	interleukin 1 beta	-0.52	1
<i>ll1f10</i>	interleukin 1 family, member 10	n.d.	n.d.
<i>ll1f5</i>	interleukin 1 family, member 5 (delta)	-0.14	0
<i>ll1f6</i>	interleukin 1 family, member 6	n.d.	n.d.
<i>ll1f8</i>	interleukin 1 family, member 8	n.d.	n.d.
<i>ll1f9</i>	interleukin 1 family, member 9	n.d.	n.d.
<i>ll2</i>	interleukin 2	n.d.	n.d.
<i>ll20</i>	interleukin 20	n.d.	n.d.
<i>ll21</i>	interleukin 21	n.d.	n.d.
<i>ll23a</i>	interleukin 23, alpha subunit p19	0.66	1
<i>ll24</i>	interleukin 24	n.d.	n.d.
<i>ll25</i>	interleukin 25	0.05	0
<i>ll27</i>	interleukin 27	-0.12	1
<i>ll3</i>	interleukin 3	n.d.	n.d.
<i>ll31</i>	interleukin 31	-0.06	0
<i>ll33</i>	interleukin 33	n.d.	n.d.
<i>ll34</i>	interleukin 34	-0.2	0
<i>ll4</i>	interleukin 4	n.d.	n.d.
<i>ll5</i>	interleukin 5	n.d.	n.d.
<i>ll6</i>	interleukin 6	n.d.	n.d.
<i>ll7</i>	interleukin 7	n.d.	n.d.
<i>ll9</i>	interleukin 9	-0.08	0
<i>Lif</i>	leukemia inhibitory factor	-0.9	1

<i>Lta</i>	lymphotoxin A	-0.14	1
<i>Ltb</i>	lymphotoxin B	0.04	0
<i>Mif</i>	macrophage migration inhibitory factor	0.2	0
<i>Osm</i>	oncostatin M	0.31	1
<i>Tgfb1</i>	transforming growth factor, beta 1	-0.1	1
<i>Tgfb2</i>	transforming growth factor, beta 2	n.d.	n.d.
<i>Tgfb3</i>	transforming growth factor, beta 3	n.d.	n.d.
<i>Tnf</i>	tumor necrosis factor	0.76	3
<i>Tnfsf10</i>	tumor necrosis factor (ligand) superfamily, member 10	n.d.	n.d.
<i>Tnfsf11</i>	tumor necrosis factor (ligand) superfamily, member 11	-0.1	0
<i>Tnfsf12</i>	tumor necrosis factor (ligand) superfamily, member 12	n.d.	n.d.
<i>Tnfsf13</i>	tumor necrosis factor (ligand) superfamily, member 13	n.d.	n.d.
<i>Tnfsf13b</i>	tumor necrosis factor (ligand) superfamily, member 13b	0.26	0
<i>Tnfsf14</i>	tumor necrosis factor (ligand) superfamily, member 14	-0.02	0
<i>Tnfsf15</i>	tumor necrosis factor (ligand) superfamily, member 15	-0.28	0
<i>Tnfsf18</i>	tumor necrosis factor (ligand) superfamily, member 18	n.d.	n.d.
<i>Tnfsf4</i>	tumor necrosis factor (ligand) superfamily, member 4	n.d.	n.d.
<i>Tnfsf8</i>	tumor necrosis factor (ligand) superfamily, member 8	n.d.	n.d.
<i>Tnfsf9</i>	tumor necrosis factor (ligand) superfamily, member 9	0.51	1

* Group 0, all mRNAs with no significant change in expression levels during 2h stimulation of RAW264.7 macrophages with LPS; Group 1, mRNAs with a significant maximum at or after 1h; Group 2, mRNAs with a significant minimum at or after 1h; Group 3, mRNAs with a significant maximum before 1h; Group 4, mRNAs with a significant minimum before 1h.

Translationally up-regulated mRNAs are shaded in orange, translationally down-regulated mRNAs in blue.