

<b>Gene</b>	<b>Fold Regulation</b>	<b>p-value</b>	<b>Function</b>
<b>Day 7</b>			
B2m (Beta 2 microglobulin)	-2.97	0.046	Component of MHC class I molecule [69]
Bmp7 (Bone morphogenetic protein 7)	-3.24	0.036	Anti-inflammatory protein, neuroprotective function [70, 71]
CCl4 (CCL4)	-5.27	0.009	CCR1 agonist, role in wound repair and inflammation [72]
Ccl11 (CCL11, eotaxin-1)	-5.98	0.021	Eosinophil chemotactic protein [73]
CCl12 (CCL12)	-4.39	0.035	Pro-inflammatory cytokine [74]
Cd70 (CD70)	-3.52	0.009	Pro-inflammatory, promoting T-cell responses [75]
Cx3cl1 (CX3CL1, Fractalkine)	-5.36	0.003	Chemotactic cytokine [61]
Ifna2 (IFN $\alpha$ 2)	-5.3	0.003	Pro-inflammatory cytokine with role in anti- tumor immunity [76]
Il12b (IL12p40)	-4.90	0.008	Pro-inflammatory cytokine[77]
Il16 (IL16)	-9.67	0.049	Chemoattractant for lymphocytes and macrophages [78]
Il17f (IL17F)	-5.24	0.001	Pro-inflammatory cytokine [79]
Il1a (IL1 $\alpha$ )	-2.25	0.002	Pro-inflammatory cytokine [80]
Il1rn (IL1 receptor antagonist)	-13.93	0.015	Anti-inflammatory protein [81]
Il27 (IL27)	-3.16	0.019	Anti-inflammatory protein [82]
Mif (Macrophage migration inhibitory factor)	-2.54	0.005	Pro-inflammatory cytokine [83]
Osm (Oncostatin M)	-8.96	0.041	Protein with role in inflammation, hematopoiesis [84]
Thpo (Thrombopoietin)	-19.65	0.008	Megakaryocyte growth and development factor [67]
Tnf (TNF)	-3.85	0.034	Pro-inflammatory cytokine [85]

Day 21			
Bmp6 (Bone morphogenetic protein 6)	-2.32	0.034	Iron metabolism [86]
Ifng (IFN $\gamma$ )	-4.2	0.031	Pro-inflammatory cytokine [87]
Pf4 (Platelet factor 4/CXCL4)	-2.76	0.008	Pro-inflammatory chemokine [88]
Thpo (Thrombopoietin)	-2.89	0.036	Megakaryocyte growth and development factor [67]
Tnfrsf11b (Osteoprotegerin)	-14.42	0.031	Inhibitor of osteoclast function [89]