

Supplemental Table 1. Differential Gene Expression by RT-PCR array

Gene ID	Differential Expression ¹ (PND / WN)	Gene ID	Differential Expression ¹ (PND / WN)	Gene ID	Differential Expression ¹ (PND / WN)	Gene ID	Differential Expression ¹ (PND / WN)
Adamts1	-1.6771	Itgb3	-1.1535	Abcf1	1.32	Cxcr3	-1.03
Adamts2	-1.1535	Itgb4	-1.0762	Bcl6	-1.1	Ccr10	4.19
Adamts5	-1.0253	Lama1	-2.2284	Cxcr5	1.6	Ifng	-2.32
Adamts8	1.2605	Lama2	-1.0042	C3	1.2	Il10	1.43
Ctnna1	1.105	Lama3	-1.1859	Casp1	-1.15	Il10ra	1.65
Ctnna2	-1.0396	Lamb2	4.1814	Ccl1	1.79	Il10rb	1.13
Ctnnb1	-1.1535	Lamb3	-1.2799	Ccl11	-3.68	Il11	1.79
Cd44	-1.3813	Lamc1	1.2959	Ccl12	-1.58	Il13	-3.6
Cdh1	-1.554	Mmp10	1.0028	Ccl17	1.16	Il13ra1	-1.01
Cdh2	1.9917	Mmp11	-1.0396	Ccl19	2.07	Il15	-1.96
Cdh3	-1.0396	Mmp12	-1.0396	Ccl2	-5.77	Il16	-1.25
Cdh4	-1.1859	Mmp13	-1.654	Ccl20	-1.21	Il17b	-5.35
Cntn1	1.0747	Mmp14	-1.2449	Ccl22	-1.2	Il18	-1.31
Col1a1	-1.271	Mmp15	1.226	Ccl24	1.7	Il1a	1.29
Col2a1	-1.0396	Mmp1a	-1.0396	Ccl25	1.57	Il1b	-1.32
Col3a1	-2.7245	Mmp2	1.1599	Ccl3	-1.43	Il1f6	1.6
Col4a1	-1.1777	Mmp3	-1.9132	Ccl4	-1.25	Il1f8	1.54
Col4a2	-1.3528	Mmp7	-2.2284	Ccl5	-1.42	Il1r1	-1.32
Col4a3	-1.0396	Mmp8	-1.6313	Ccl6	1.04	Il1r2	2.12
Col5a1	-1.6313	Mmp9	-2.0083	Ccl7	-3.04	Il20	1.79
Col6a1	-1.0688	Ncam1	-1.7484	Ccl8	-2.19	Il2rb	-1.07
Vcan	-2.4049	Ncam2	-1.0396	Ccl9	1.39	Il2rg	1.6
Ctgf	-1.4499	Pecam1	-1.3159	Ccr1	-1.05	Il3	1.79
Ecm1	1.105	Postn	-1.8609	Ccr2	-2.51	Il4	-1.94

Emilin1	1.3324	Sele	-1.0112	Ccr3	-1.76	Il5ra	-1.24
Entpd1	-1.2363	Sell	-1.2193	Ccr4	1.54	Il6ra	-1.09
Fbln1	1.0973	Selp	-1.2535	Ccr5	-1.46	Il6st	2.12
Fn1	1.031	Sgce	1.031	Ccr6	-1.15	Il8rb	1.53
Hapln1	-1.0396	Sparc	-1.2193	Ccr7	1.83	Itgam	-1.51
Hc	-1.0112	Spock1	-1.0396	Ccr8	1.8	Itgb2	1.03
Icam1	-1.1376	Spp1	-2.1082	Ccr9	-2.96	Lta	1.48
Itga2	1.1204	Syt1	2.1947	Crp	1.91	Ltb	-1.08
Itga3	2.1644	Tgfbi	1.351	Cx3cl1	1.41	Mif	1.25
Itga4	-1.9534	Thbs1	-1.62	Cxcl1	-3.88	Scye1	1.05
Itga5	1.0973	Thbs2	1.4682	Cxcl10	-5.58	Spp1	-2.56
Itgae	1.2346	Thbs3	1.5199	Cxcl11	-2.04	Tgfb1	1.63
Itgal	1.0973	Timp1	-1.0396	Cxcl12	-1.39	Tnf	1.39
Itgam	-1.2193	Timp2	1.1519	Cxcl13	-1.03	Tnfrsf1a	-1.48
Itgav	-1.0182	Timp3	-1.4804	Cxcl15	1.79	Tnfrsf1b	-1.99
Itgax	1.2518	Tnc	-1.0324	Pf4	1.67	Cd40lg	1.3
Itgb1	-1.0913	Vcam1	1.06	Cxcl5	-1.55	Tollip	1.28
Itgb2	1.2518	Vtn	-1.522	Cxcl9	-1.21	Xcr1	1

¹ Differential gene expression was determined by calculating the ratio of expression of the individual gene in the lymph nodes pooled from malnourished (polynutrient deficient, PND) mice relative to well-nourished (WN) mice (n=4 per group). A negative number indicates reduced expression in the malnourished mice relative to the well-nourished mice.