Table S1. List of primers used for quantitative real-time PCR analysis

	Sense primer (5'-3')	Antisense primer (5'-3')
mouse		
CXCL2	CACTCTCAAGGGCGGTCAAA	AGGCACATCAGGTACGATCCA
CSF2	AAAGAAGCCCTGAACCTCC	GCCCTTGAGTTTGGTGAA
NOS2	AGACGGATAGGCAGAGATTGG	ACTGACACTTCGCACAAAGC
IL-10	AGCATGGCCCAGAAATCAAG	AGAAATCGATGACAGCGCCT
IFNr	GCCAAGTTTGAGGTCAACAAC	ATCAGCAGCGACTCCTTTTC
TNFa	CGAATTCACTGGAGCCTCGAA	TGAGGAAGGCTGTGCATTGC
IL-25	TCAACAGCAGGGCCATCTCT	GTTGTGGTAAAGTGGGACGGA
IL-33	CCGTTCTGGCCTCACCATAA	CCTTGGATGCTCAATGTGTCA
C. parvum		
cdg2_FLc_0220	GCTTCTGGTATTCCTTCTTGGCGT	GGTCACCAAGGAACGTTTACAGAG
cdg2_FLc_0170	ATTCGCAGTGTTGTACCGAAATGGAGATCT	CATACACTAAGCTAAATGAAGGATGGAGTCGT
cdg7_FLc_1180	TTTATCAACTGTTTTTGGAAACG	CCAGATTCTGTAATCATTTCTTC
cdg2_FLc_0160	CAGATCGTTCGGATGTTTAATAA	GGTCAGGTACAAGACCAAATTATGT
cdg3_FLc_0370	ATTAGAAAATATTGCACAAGAACCAAT	TAATTGTTTGGCCTACCATTTGA
cdg6_FLc_0830	ACCTAGTCTAGATCTGCTGCATCAGC	GACAGAAGGGAACTTCTTGCTCG
cdg4_FLc_0580	GTTACGGCAATCTTCTTCATCTG	CCTAATACCAAACAGCCAAATAA
cdg1_FLc_0040	GGAGTTGCATCCAAACTTCTTGCTCC	CCGCATGGTTTTCCTTCTCGTATGAC
cdg6_FLc_0810	CAATAGAGTTGGTATTAGAGATTCCAAA	AAAATGAACAGCTTAAAGATTTTAGAA
cdg7_FLc_0990	ACTCTTATCACCGCCAATACCGCT	GGGAACAAAGTGGTTTACTCTCCTGTGG
cdg4_FLc_0440	ACCAGGTATTTCTGTAAGCCCGTG	CAGATCCTTGGTCTCCTGTTCCA
cdg7_FLc_1000	TCCATAGACAATAAAGTGGGTT	TCTGTTAGGTGGCGTTAGTT
cdg3_FLc_0300	CTCGTTGATACAGAGCTGCTTCCT	CAAGCCACGTTTCGAAAATAGAC
cdg3_FLc_0400	AAGTGGGTATGTTTGGAAGCTCCC	CGAAGGGTCGGAGTCAGAAGATT
cdg5_FLc_0610	CCACGGAATCTTCTGGAAATATA	CAGCACAAAAGAAGAGTAGATCC
cdg7_FLc_0970	ACCATTGAGAACGCAGAAGAAAGGAGGC	CGGTTTGTTCGTTGCGGTAAAAGTCG
cdg7_FLc_0960	ACTGCTATATGAAATTATTGCTA	TGCTATAGGCTATAATATCAAAA
cdg7_FLc_0910	CTCTTTCAAGCCCAATTCCACATCCACC	GCCAAGAGTGCGGTGTTTCAGAACAT
cdg2_FLc_0240	TTATACTATTGTGAAGATTACGGC	AACTACGGAACAATTATTCACAG
cdg7_FLc_0900	TCTTTGATCGCCATTTTCATTAAT	TTCCGCATTCTCGTCTATTACAA
cdg4_FLc_0460	GACTCAGATGCAGATAGAAGACGG	GTCTGTTGAAGCAAGAATGCATG
cdg4_FLc_0500	CGATGGTTCCAATGATGCAGATGTGC	GGCGTAAACCGTATGTTTGGGAACCT
cdg2_FLc_0220	GCTTCTGGTATTCCTTCTTGGCGT	GGTCACCAAGGAACGTTTACAGAG
cdg6_FLc_0690	GGAGAACCCCAGTGATAATGTCTG	CAACAGCCTCACCCCATGATAAAG
cdg2_FLc_0190	TCTGGGGGTATCGGAAATCTATCACC	CAAAGTTGGCGTAGGATGCTCAGT

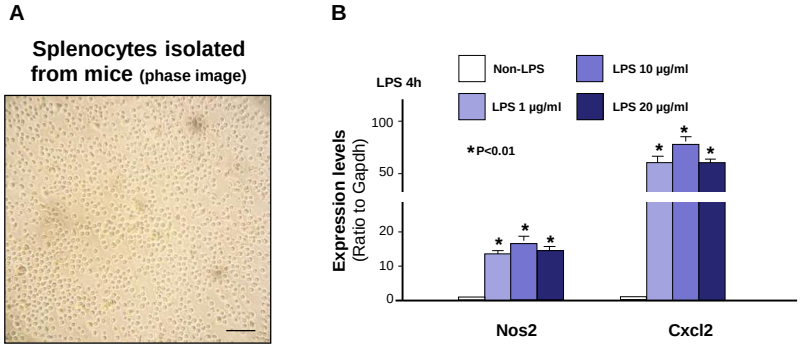

Figure-S1. Expression levels of inflammatory genes in primary splenocytes in response to LPS stimulation. Splenocytes isolated from mice under phase microscope (A) and displayed a marked induction of inflammatory genes following LPS stimulation for 4 h (B). Data represent means ± SEs from 3 independent experiments. *P<.01 ANOVA versus non-LPS control. Scale bar = 50 µm.

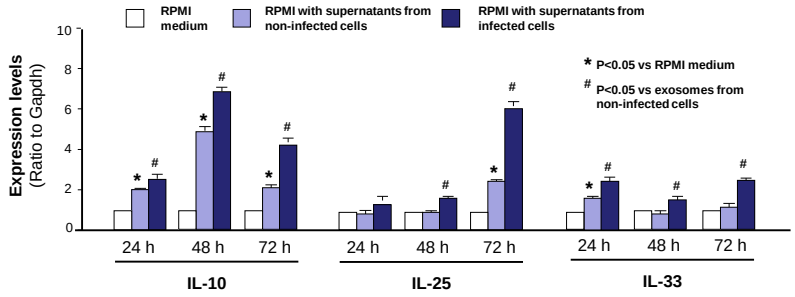

Figure S2. Induction of Il-10, Il-25, and Il-33 in splenocytes after incubation with supernatants of *C. parvum*-infected intestinal epithelial cell cultures. IEC4.1 cells were exposed to *C. parvum* infection for 24 h. Supernatants were then collected and added to the medium for primary splenocytes. Supernatants from non-infected intestinal epithelial cell cultures were used for control. Expression levels of selected inflammatory genes in splenocytes were quantified by using real-time PCR. Data represent means ± SEs from 3 independent experiments. *P<.05 ANOVA versus incubation with PRMI medium; #P<.05 ANOVA versus incubation with exosomes from non-infected cells.

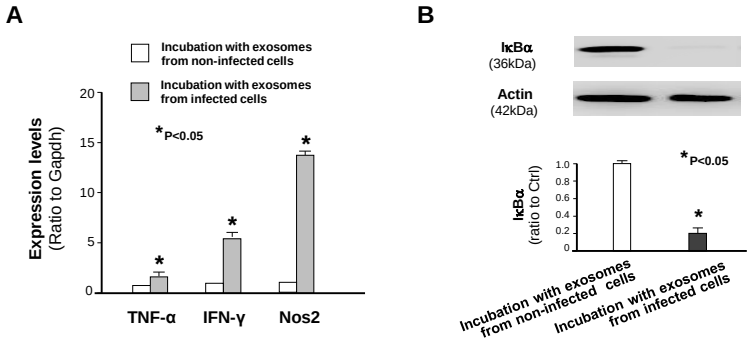

Figure S3. Induction of inflammatory responses in RAW264.7 cells following incubation with exosomes released from *C. parvum*-infected intestinal epithelial cell cultures. (A) Upregulation of selected inflammatory genes was detected in RAW264.7 cells following incubation with exosomes isolated from *C. parvum*-infected IEC4.1 cell cultures. IEC4.1 cells were exposed to *C. parvum* infection for 24 h and supernatants were then collected, and exosomes isolated. Exosomes were then added to the medium for RAW264.7 cells for incubation of 48 h. Supernatants from non-infected intestinal epithelial cell cultures were used for control. Expression levels of selected inflammatory genes were quantified by using real-time PCR. (B) Degradation of IκBα in RAW264.7 cells following incubation with exosomes isolated from infected IEC4.1 cell cultures. Exosomes were isolated from the supernatants of IEC4.1 cell cultures following *C. parvum* infection for 24 h. Exosomes were then added to the medium for RAW264.7 cells for incubation of 48 h, followed by Western blot for IκBα in the splenocytes. Representative gel images are shown and densitometric levels were quantified. Data represent means ± SEs from 3 independent experiments. *P<.05 *t* test versus incubation with exosomes from non-infected cells.