



Supplementary Figure 3. TLR4 deficiency and HnAb treatment have an effect in activation of macrophages. The expression of M1/M2 markers iNOS, Arg1, MHC-II and the pro-inflammatory cytokines TNF- α , IL-6, IL-1 β was measured in colonic tissues by RT-PCR. Significant decrease mRNA expression levels for iNOS, Arg1, MHC-II, TNF- α , IL-6, IL-1 β were found when HnAb treatment comparing to IgY treatment in DSS-induced colitis TLR4 $^{-/-}$ mice or wild-type mice. Data were presented as mean \pm SEM of 5 independent experiments. * P <0.05, ** P <0.01, *** P <0.001, by one-way ANOVA with Tukey's post-test.