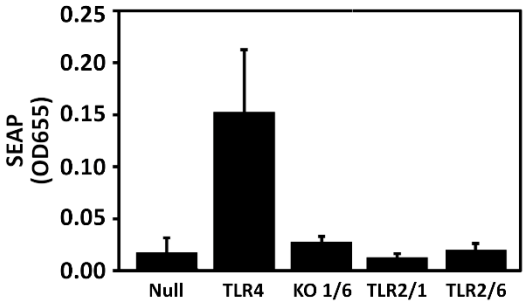
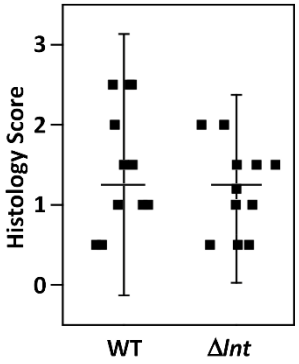


Supplemental Figure 1: Characterization of *H. pylori* Lipopolysaccharide (LPS). LPS was purified from *H. pylori* strain J166. The LPS concentration was estimated based on a lyophilized amebocyte lysate assay using *E. coli* LPS as a standard. *H. pylori* LPS (0.5 μg ml^{-1}) was incubated with SEAP reporter cell lines HEK-Blue™ Null2 (Null), HEK-Blue™ hTLR4 (TLR4), HEK-Blue™ hTLR2 KO-TLR1/6 (KO 1/6), HEK-Blue™ hTLR2-TLR1 (TLR2/1), and HEK-Blue™ hTLR2-TLR6 (TLR2/6) from InvivoGen. Relative amounts of SEAP were measured after 16 hrs treatment. Results show the mean and standard deviation from a single LPS preparation tested in triplicate and are representative of three independent preparations of LPS.



Supplemental Figure S2: Gastric inflammation in *H. pylori*-infected animals. Wild type C57Bl/6 mice were infected with two doses of *H. pylori* J166 (WT) or the Δ*lnt* mutant strain VM391. Two weeks post-infection, gastric inflammation was scored on a 12-point scale as described in Materials and Methods. The data represent results for individual animals. Results were not significantly different between treatment groups (Mann-Whitney U test).