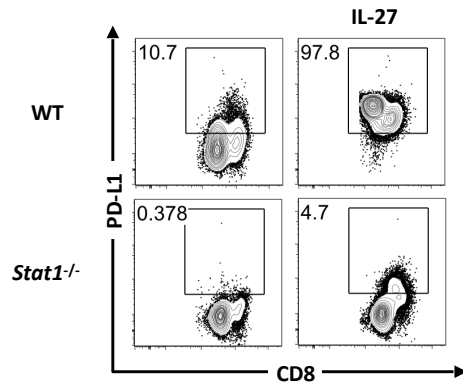
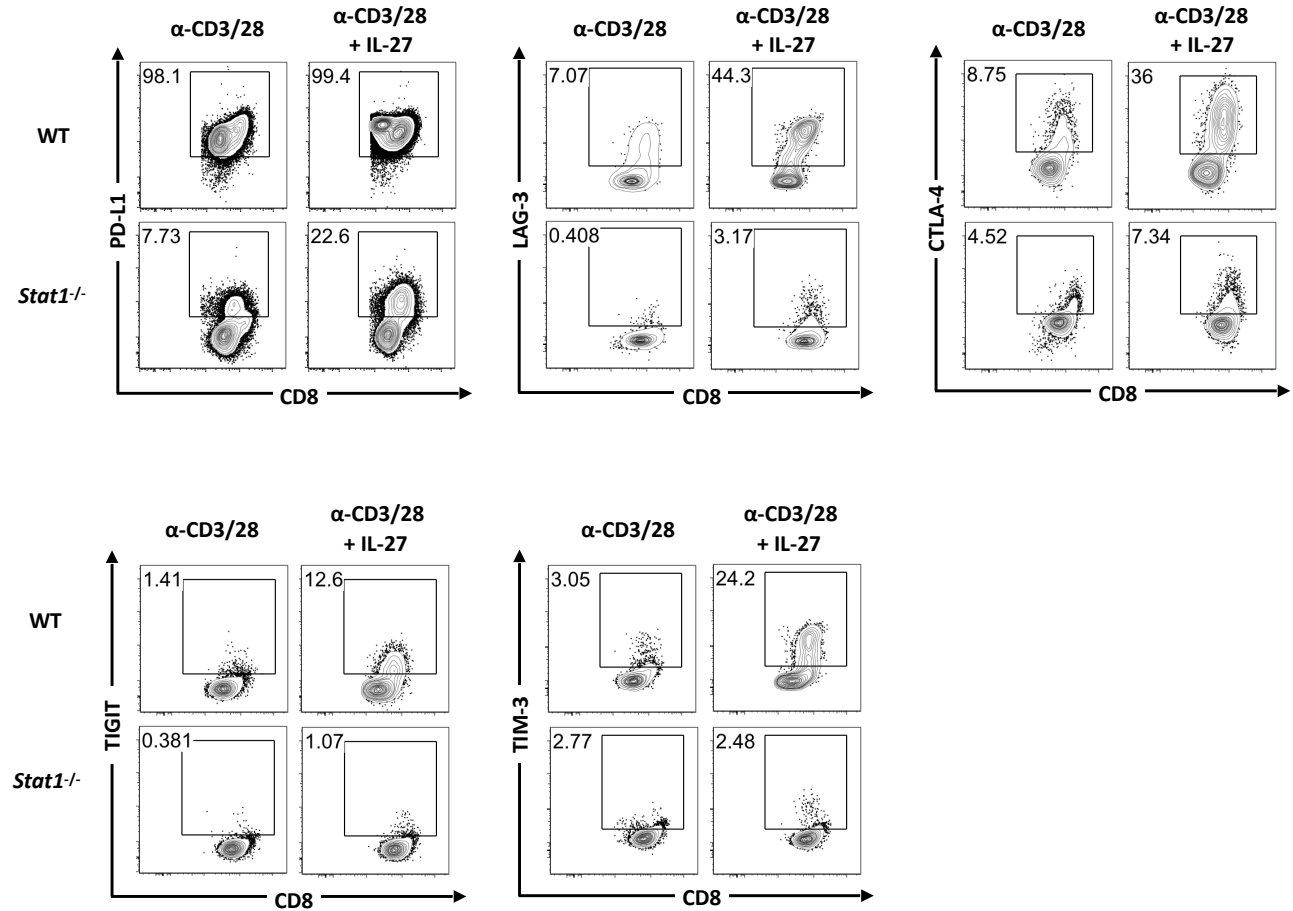


Supp Fig 1. IL-27 induces expression of multiple inhibitory receptors by regulatory T cells. Naïve, Ly6C-Sca-1⁻ CD4⁺ and T cells were sort purified and cultured in the presence or absence of α-CD3/28, in the presence or absence of IL-27. After an 85-hour culture, cells were analyzed for expression of PD-L1, PD-1, LAG-3, and CTLA-4. Representative FACS plots (left). Bar charts (right) show combined results from 4 independent experiments. Error bars indicate SEM. Statistical significance was determined by using Student's t test. ns p > 0.05, * p < 0.05, ** p < 0.01, *** p < 0.001

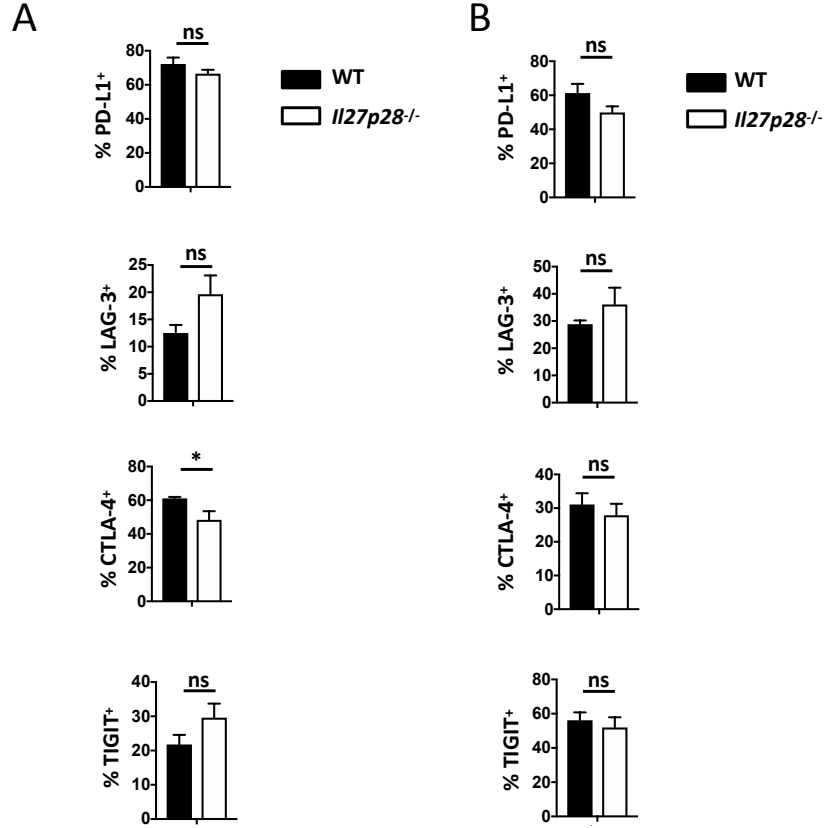
A



B



Supp Fig 2. STAT1 contributes to IL-27-mediated inhibitory receptor expression *in vitro*. Requirement for STAT1 for cytokine-mediated inhibitory receptor expression in sorted naive Ly6C⁻ Sca-1⁻ CD8⁺ T cells. A. Cells cultured in the absence of anti-CD3/CD28 stimulation. B. Cells cultured in the presence of anti-CD3/CD28 stimulation. Results representative of 3 independent experiments.



Supp Fig 3. IL-27 not required for splenic inhibitory receptor expression during toxoplasmosis. A-B. WT and *Il27p28*^{-/-} mice were infected with 20 Me49 cysts i.p. for 11-12 days. Inhibitory receptor expression by WT and *Il27p28*^{-/-} splenic tetramer⁺ CD4⁺ (A) and CD8⁺ (B) T cells. 4-5 mice per group, data representative of four independent experiments. Error bars indicate SEM.