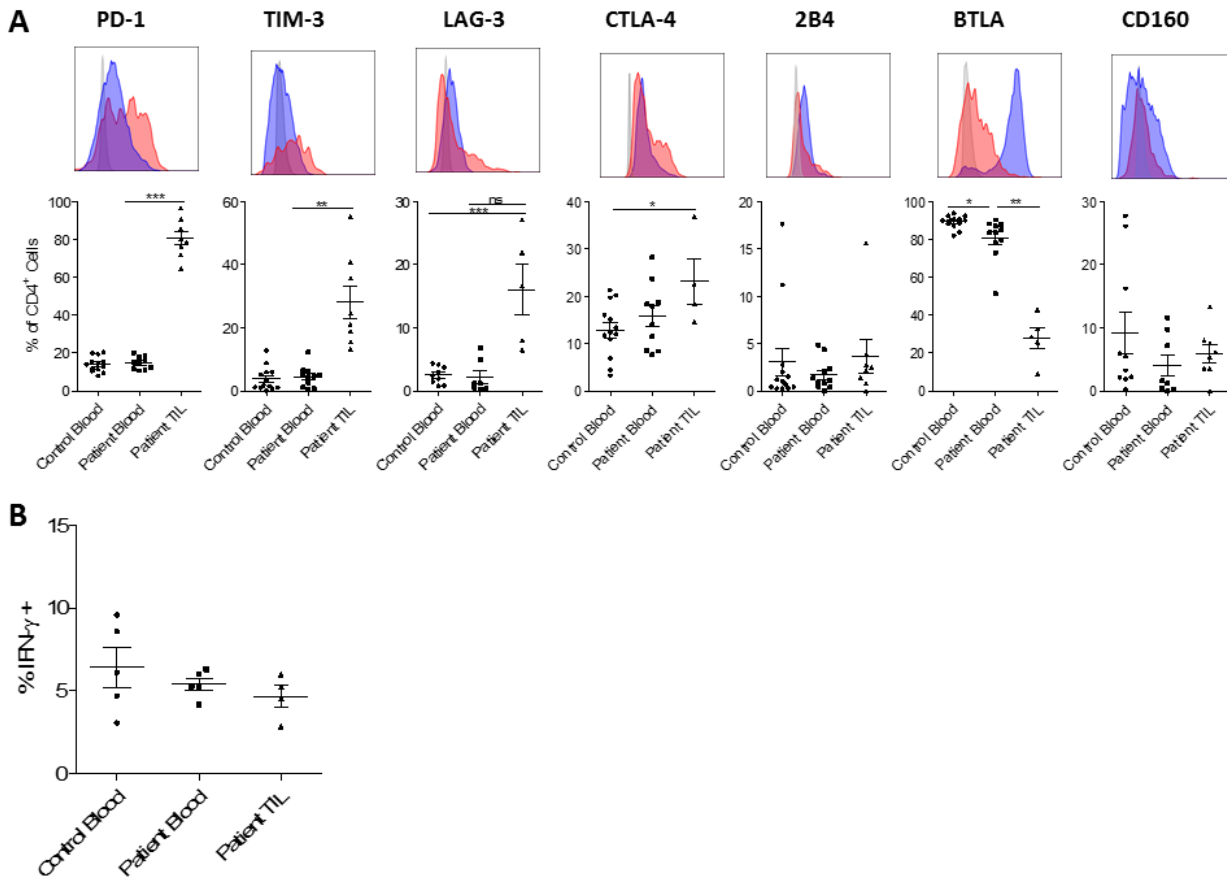


Supplementary Figure 5



Supplementary Figure 5: Immune checkpoint and cytokine expression on human GBM CD4⁺ TIL: A.

Representative histograms of immune checkpoints expressed on CD4⁺ T cells isolated from human GBM TIL (red), patient blood (blue), and isotype control (gray) are shown. Graphs show frequency of checkpoint molecule expression on CD4⁺ T cells isolated from TIL (PD-1, TIM-3 n=20; LAG-3 n=18; CTLA-4 n=13; CD39, TIGIT n=12; CD160, 2B4 n=8; BTLA n=5), patient blood (PD-1, TIM-3 n=16; CTLA-4 n=15; 2B4, BTLA n=11; LAG-3 n=12; CD160 n=9; TIGIT, CD39 n=5), or control blood (PD-1, TIM-3, CTLA-4 n=14; LAG-3 n=10; 2B4, BTLA n=13; CD160 n=10; TIGIT, CD39 n=5). *p<0.05; **p<0.01; ***p<0.0001 by unpaired t-test between patient and control samples. B. Post-stimulation levels of IFN- γ are shown across sample types. Difference assessed via one-way ANOVA.