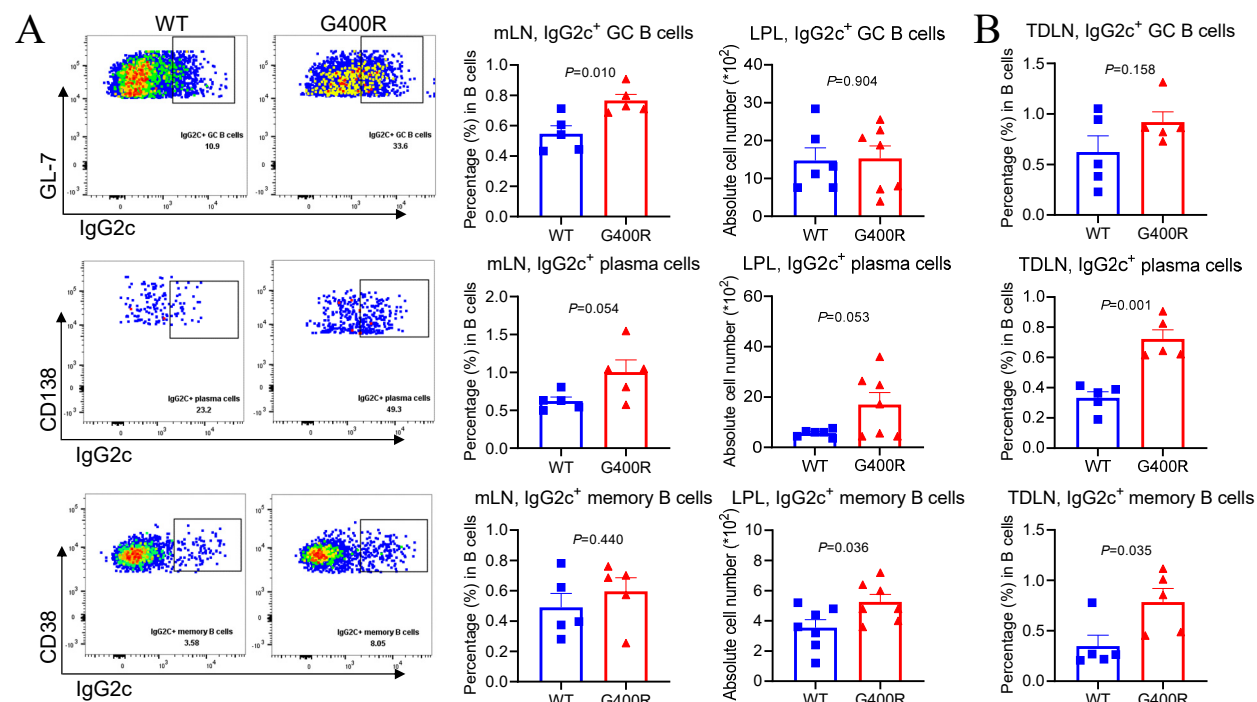


Extended Data Fig. 6. Altered TME in mIgG2c-G400R mice

(A) The relative percentages of IgG2c⁺ GC B cells, memory B cells, plasma cells in mLNs and lamina propria (LP) from CAC-inducing mIgG2c-G400R mice in comparison to WT mice. (B) The relative percentages of IgG2c⁺ B cell subtypes in TDLNs from MC38 cell-inoculating mice. (C) Quantification of tumor-infiltrating macrophages, NK cells and NKT cells of MC38-mOVA cell inoculated mice. (D-E) Flow cytometric analyses of CD4⁺ T cells, CD8⁺ T cells, IFN-γ secreting (upper) and GZMB secreting (lower) CD8⁺ T cells. (F) Phenotypic analysis of macrophages, DCs, NK cells in the mLN and LP from CAC induced WT and mIgG2c-G400R mice. (G) *Rag1*^{-/-} mice were transferred with either CD4⁺ and CD8⁺ T cells or CD4⁺ T cells alone with OVA-specific B cells, which accounted for approximately 10% of total B cell, followed by MC38-mOVA cell inoculation. Tumor growth and weight are shown. Statistical significance was determined using an unpaired two-tailed t-test (A-G) and two-way ANOVA (G). Mean± SEM. NS, not significant.