Figure S5

a

b

c

d
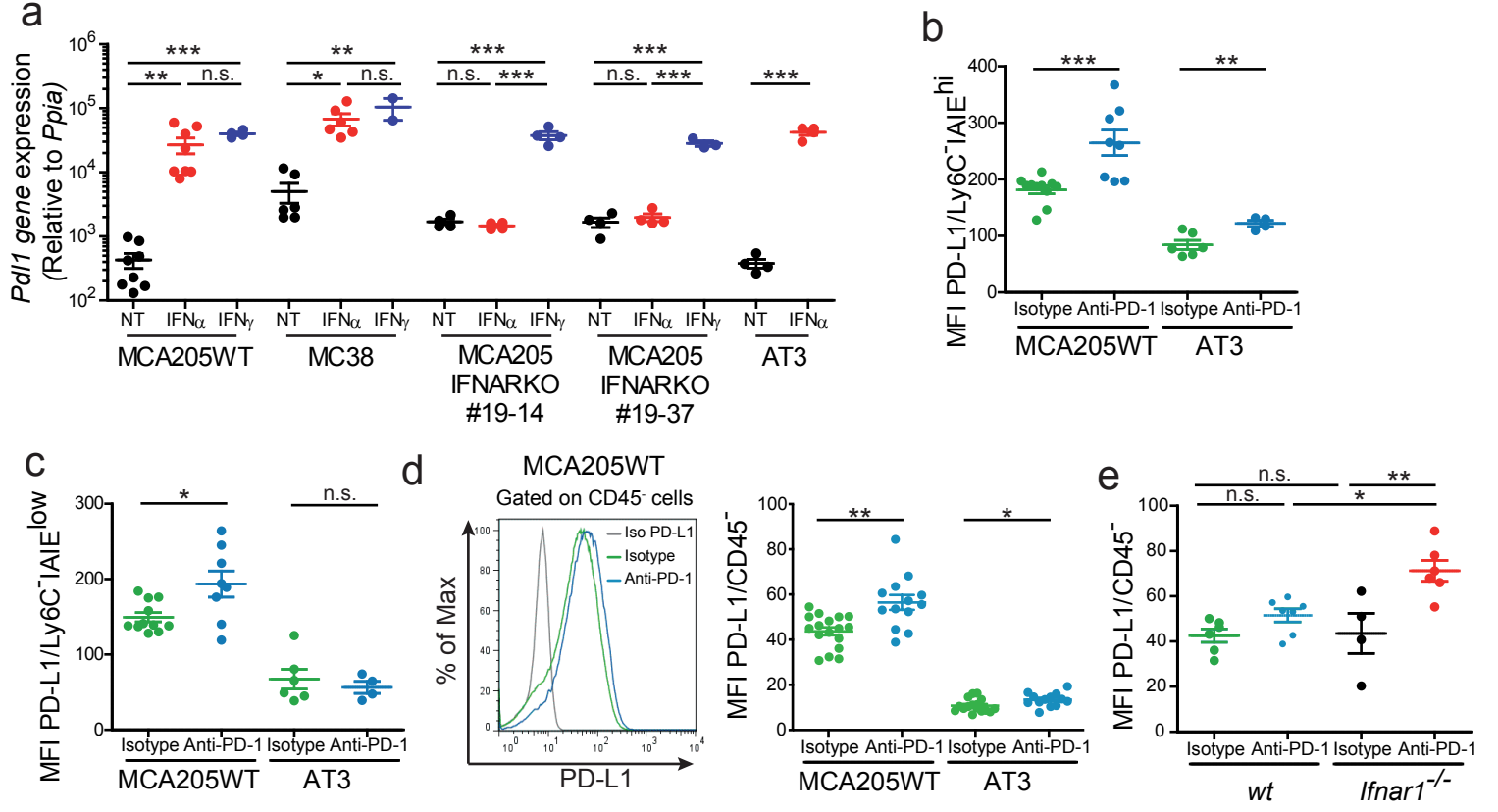
MCA205WT
Gated on CD45⁻ cells

e

Supplementary information

Supplementary information, Fig S5. Global PD-L1 expression upregulation during PD-1 blockade and post IFN stimulation.

(a) Relative expression of *Pdl1* quantified by qRT-PCR following stimulations of various tumor cell lines with either IFNα or IFNγ. Each dot represents 1 stimulated sample and graphs represent 1 experiment or are the pool of 2-3 independent experiments including biological replicates for each experiment. Unpaired t-tests were used to compare two groups or ANOVA statistical tests and pairwise comparisons with Bonferroni adjustment were adopted for more than two groups. (b-d) Mean Fluorescent Intensity (MFI) of PD-L1 expression at the surface of myeloid cells (gated on live CD45$^+$CD11b$^+$) and CD45$^-$ live cells assessed by flow cytometry 48 hrs after the last injection of anti-PD-1 or its isotype control mAbs in MCA205WT and AT3 tumor models. Representative histogram of PD-L1 expression on CD45$^-$ cells isolated from MCA205WT tumors is shown (d). Statistical analyses were performed using unpaired t-tests. (e) MFI of PD-L1 on CD45$^-$ cells from MCA205WT tumors inoculated in WT or *Ifnar1*$^{-/-}$ mice. Statistical analyses were performed using ANOVA statistical test and pairwise comparisons with Bonferroni adjustment. Graphs (b-e) represent 1 or are the pool of 2-4 independent experiments with 5-6 mice per group and per experiment. Each dot corresponds to one mouse. *$p<0.05$, **$p<0.01$, ***$p<0.001$, n.s.: not significant. Means $\pm$ SEM are represented.