



Supplementary Figure 1. TREX1 limits an ISG response in CT26 and STING-expressing MC38 cells.

A. Top 5 GO terms enriched in genes upregulated in CT26, EO771, EMT6 and B16F10 upon TREX1 loss.

No GO terms were significant for genes upregulated in TREX1-deficient MC38 cells. **B.** Representative

western blots of TREX1, p-STING (Ser365), STING, cGAS, STAT1, ZBP1 and β -ACTIN in control and TREX1 KO CT26 cell line #2 (n=4). **C.** CCL5 and CXCL10 protein levels in supernatants. Circles represent independent experiments. Bars represent the mean (n=4). Unpaired *t*-test. **P < 0.01. **D.** Representative western blots of TREX1, p-STING (Ser365), STING, cGAS, STAT1, ZBP1 and β -ACTIN in parental and STING expressing control or TREX1 KO MC38 cells (n=4). **E.** CCL5 and CXCL10 protein levels in supernatants. Circles represent independent experiments. Bars represent the mean (n=4). Multiple *t*-test. **P < 0.01. **F.** Representative cell growth curves measured by Incucyte. Cell growth rates were calculated by phase object confluence as % of total (n=4). Lines represent the mean \pm SD of replicates.