**Additional file 4: Supplementary Figure**

**Supplementary Figure S3**

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**Supplementary Figure S4.** Analysis of M1 and M2 macrophages in the mouse tumors at day 15 after inoculation of LL2-Oct4 or control LL2 tumor cells. The isolated cells were stained with PE-Cy7-conjugated rat anti-mouse F4/80, FITC-conjugated rat anti-mouse CD86, or FITC-conjugated rat anti-mouse CD206 antibody. Cells were first gated to exclude debris and dead cells (FSC vs. SSC), and then gated to exclude cell doublets (FL2-A vs. FL2-H). Within the CD68+ cells, differential expression of the M1 macrophage marker CD86 and M2 macrophage marker CD206 is based on CD86hi and CD206hi expression, respectively. Representative dot plots (upper) and histograms (lower) are shown. **C,** unstained cells.