



Fig. S2. Together with Tregs, CD163<sup>+</sup> M2 macrophages suppress the anti-tumour immune response against the tumour. In contrast with immunosuppressive lymphocytes, the effector cells and immunomodulatory cells promote anti-tumour immune response. MΦ: macrophage; IFN: interferon; MMP-9: matrix metalloproteinase 9; MDSC: myeloid-derived suppressor cells; Tregs: regulatory T cells; Foxp3: forkhead box P3; Th1: T helper 1; Th2: T helper 2, Th17: T helper 17; IL-27: interleukin 27; STAT1: signal transducer and activator of transcription.