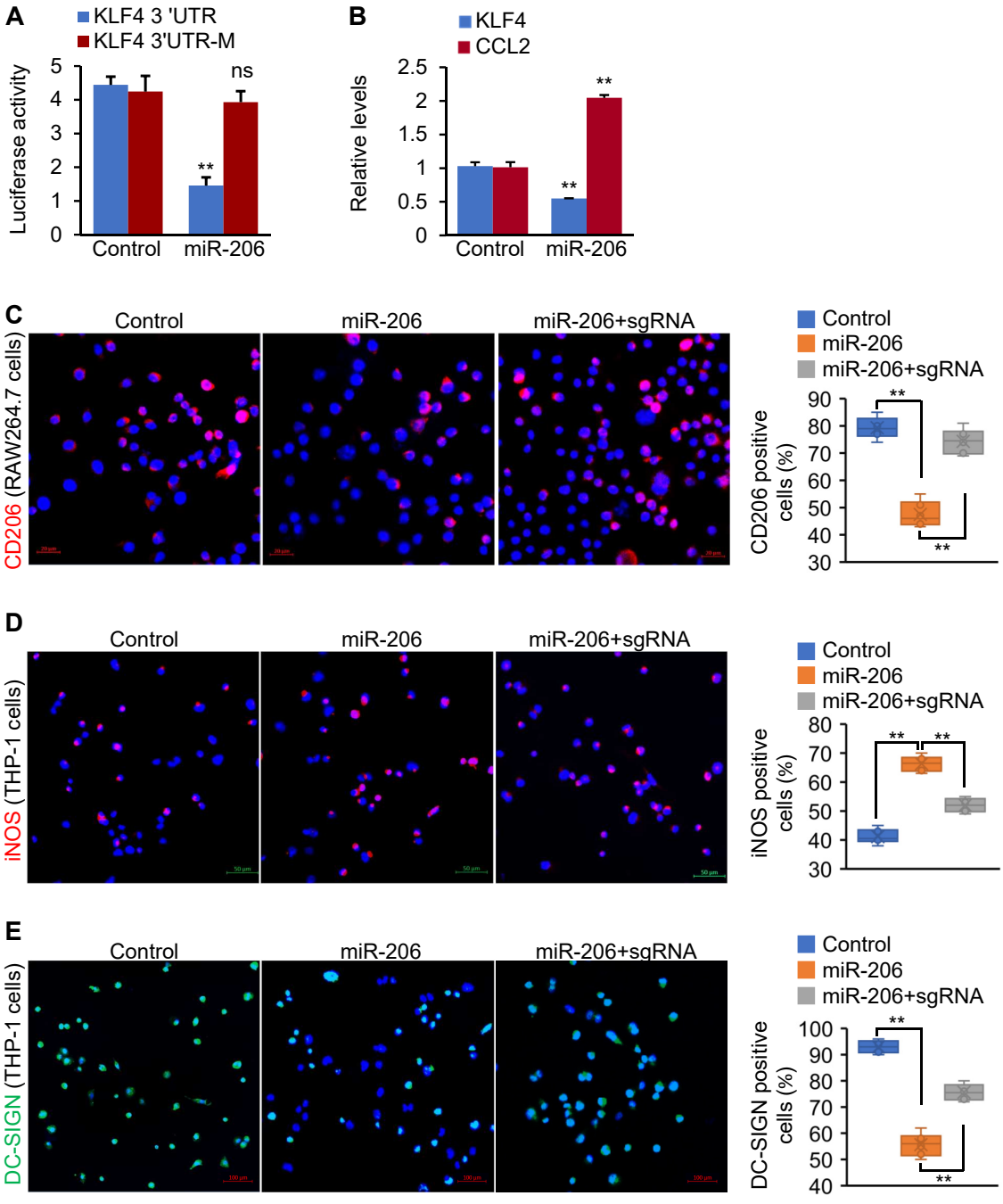
Supplemental Figure 11



Supplemental Figure 11 KLF4 was required for miR-206 to drive M1 polarization of RAW64.7 and THP-1 cells. (**A**) Luciferase activities of the reporter constructs containing either the wild-type or mutated 3'UTRs of human *KLF4* after miR-206 overexpression (two-tailed student's *t* test). KLF4 3'UTR-M: miR-206 binding site was mutated within the 3'UTR of *KLF4*. (**B**) mRNA levels of *KLF4* and *CCL2* levels in THP-1 cells after miR-206 overexpression (two-tailed student's *t* test). (**C**) CD206 (M2 marker) staining and the ratios of CD206-positive cells in RAW264.7 cells transfected with pT3-CD68p-scramble (control), pT3-CD68p-miR-206, or a combination of pT3-CD68p-miR-206 and the sgRNA (two-way ANOVA test). (**D**) iNOS (M1 marker) staining and iNOS-positive cells in THP-1 cells transfected with pT3-CD68p-scramble (control), pT3-CD68p-miR-206, or a combination of pT3-CD68p-miR-206 and the sgRNA (two-way ANOVA test). THP-1 cells were treated with PMA, IFN-γ and LPS. (**E**) DC-SIGN (M2 marker) staining and the ratios of DC-SIGN-positive cells in THP-1 cells transfected with pT3-CD68p-scramble (control), pT3-CD68p-miR-206, or a combination of pT3-CD68p-miR-206 and sgRNA (two-way ANOVA test). THP-1 cells were treated with PMA, IL-4 and IL-13. Data represent mean ± SEM. $^{**}p < 0.01$ and ns: no significance.