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SUPPLEMENTARY MATERIAL

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Cancer cell-derived exosomal miR-34a inhibits the malignant progression of pancreatic adenocarcinoma cells by restraining the M2 polarization of macrophages

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Key words: cancer cell-derived exosomes; miR-34a; SOCS3; tumor-associated macrophages; M1/M2 polarization.

Supplementary Figure S1.

The miR-34a/SOCS3 axis regulates the M2 polarization of macrophages and affects the malignant process of PANC-1 cells. **A)** Cell viability of PANC-1 cells treated with PBS, macrophages, M-pc-NC/Exo$^{NC\ mimic}$, M-pc-NC/Exo$^{miR\text{-}34a\ mimic}$, and M-pc-SOCS3/Exo$^{miR\text{-}34a\ mimic}$ was detected using CCK-8; $^{***}p<0.001$ *vs* PANC-1+M group, $^{\#\#\#}p<0.001$ *vs* PANC-1+M-pc-NC/Exo$^{NC\ mimic}$ group, $^{\$\$\$}p<0.001$ *vs* PANC-1+M-pc-NC/Exo$^{miR\text{-}34a\ mimic}$ group. **B)** Migration and invasion of PANC-1 cells treated with M-pc-NC/Exo$^{miR\text{-}34a\ mimic}$ and M-pc-SOCS3–Exo$^{miR\text{-}34a\ mimic}$ were evaluated using a Transwell assay; wcale bar: 200 μm; $^{**}p<0.01$.