



**Figure S1.** Characterization of EVs. (A) Representative graphs of nanoparticle tracking analysis showing size distribution of EVs. (B) Multiplex bead-based flow cytometry assay was used to detect EV surface signature. The graph shows a quantification of the median APC fluorescence values for all bead populations after background correction (medium control values subtracted from measured EVs values) of a representative EV preparation.