



**Supplementary Figure S1. The effects of DHEA on the C-C Motif Chemokine Ligand 5 expression and secretion are Peroxisome Proliferator-Activated Receptor gamma-independent in MDA-MB-231 breast cancer cells.** Real-time RT-PCR assay (A) and immunoblotting analysis (B) for Peroxisome Proliferator-Activated Receptor gamma (PPAR $\gamma$ ) in MDA-MB-231 breast cancer cells treated with vehicle (-) or DHEA 10 mM for 24 hours. (C) ELISA for CCL5 protein secretion in MDA-MB-231 breast cancer cells treated with vehicle (-) or DHEA 10  $\mu$ M for 24 hours in presence or not of the PPAR $\gamma$  antagonist GW9662. (D) Real-time RT-PCR assay and immunoblotting analysis for PPAR $\gamma$  in MDA-MB-231 cells transfected with control stealth RNA (Control siRNA) or PPAR $\gamma$  RNAi (siRNA PPAR $\gamma$ ). (E) Immunofluorescent staining of CCL5 protein expression in MDA-MB-231 breast cancer cells transfected as in D and treated with

vehicle (-) or DHEA 10  $\mu$ M for 24 hours. 4',6-diamidino-2-phenylindole dihydrochloride (DAPI) staining was used for nuclei detection. \* $p$ <0.05; \*\*\* $p$ <0.005, \*\*\*\* $p$ <0.0001.