



Supplementary information, Figure S1 Heparanase stimulates exosome production in cell lines other than MCF-7.

Exosome production was evaluated after overnight conditioning of MDA-MB-231 (invasive mammary carcinoma), MDA-MB-134 (noninvasive mammary carcinoma) and HT1080 (metastatic fibro sarcoma) cells with 5 nM of proheparanase and compared to that of cells not receiving proheparanase (0 nM). For each condition both the lysate and exosomal fraction were analyzed by western blotting, using antibodies against syntenin-1 and CD63. Note the marked effect of heparanase addition on exosomal syntenin in MDA-MB-231 and MDA-MB-134 cells (known to have low to moderate levels of endogenous heparanase) and a small to moderate effect of heparanase on exosomal syntenin and CD63 in HT1080 cells (known to express endogenous heparanase at high levels).