Figure S3. Ectopic expression of eGFP-MIER3 in breast cancer cell lines. Cell lines were either mock transfected (Lipofectamine LTX/Plus), transiently transfected with plasmid expression vectors containing eGFP ORF (pEGFP-C1) or eGFP ORF fused to human MIER3 ORF (pEGFP-C1-HS-MIER3). Panels A thru F are MDA-MB-231 breast cancer cells. Panels G thru L are T47D breast cancer cells. Cells were visualized by phase contrast microscopy (panels A-C and G-I). No morphological differences for either cell line were noted between eGFP and eGFP-MIER3 expressing cells. Fluorescence microscopy (panels D-F and J-L) was used to visualize eGFP. Green fluorescence was detected in eGFP and eGFP-MIER3 expressing cells, but not mock transfected cells. We observed eGFP-MIER3 expression in foci (panels F and L) and expression of eGFP alone, without MIER3 fused, (panels E and K) was diffuse.