

Supplemental Figure Legend

FIG. 1S. Expression of WT-ER α and Δ 7-ER α in SHSY5Y Cells. (A) RT-PCR of SHSY5Y cDNA followed 1% agarose gel electrophoresis. Bands corresponding to exon 7 containing transcripts are 310 bp. Bands corresponding to exon 7-skipped transcripts are 126 bp. Note that the transcripts with exon 7 missing seem to be more abundant by end-point PCR. (B) MCF-7 and SHSY5Y total cell lysates were separated by SDS-PAGE and immunoprobed with ER α antibody (Novocastra Laboratories LTD. cat# NCL-L-ER-6F11). Bands corresponding to molecular weight sizes reported for WT-ER α and smaller ER α immunopositive bands are indicated. Note that the smaller ER α immunoreactive bands appear more prominent than WT-ER α . * Possible Δ 7-ER α migrating ~45kDa; # possible Δ 5-ER α migrating ~42kDa. Image contrast has been enhanced to increase prominence of bands.

Figure 1S

