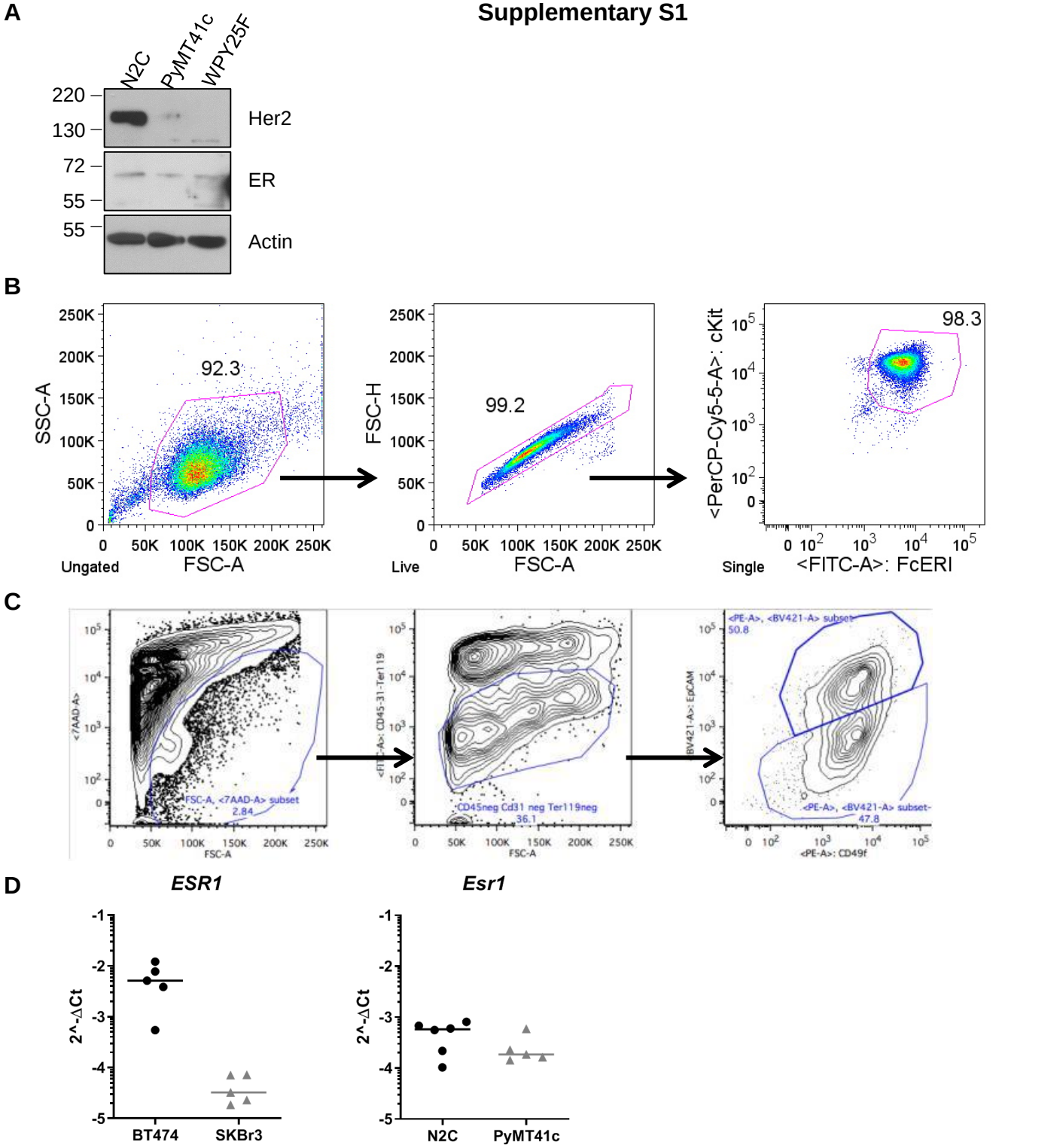
Supplementary S1



Supplementary Figure S1. Characterization of BC cell lines established from spontaneous tumors, commercially available and BMMCs. (A) Western blot to compare the levels of ER and HER2 in cell lines established by us from spontaneous tumors developed in NeuT (N2C), PyMT B6 (PyMT41c) and PyMT Wsh (WPY25F) transgenic mice. (B) Purity of BMMCs employed in co-culture experiments was evaluated by flow cytometry analysis by excluding debris and doublets (FSC-A vs FSC-H) and evaluating the percentage of FceRIβ and cKit double positive cells. (C) WPY25F tumor cells were first gated to include only viable cells (7AA negative), then they were gated on $CD45^{-}CD31^{-}Ter119^{-}$ to exclude leukocytes, endothelial cells and erythrocytes. Gated cells were finally analyzed for the expression of CD49f and EpCAM to define the basal/luminal phenotype as shown in figure 2D. (D) Absolute levels of *ESR1* evaluated by Real-Time PCR in both human and mouse cell lines are shown.