



Fig. S1. TR β status in MCF-7 cells. **A)** TR β levels were detected by Western blot in MCF-7 cells expressing in a stable manner TR β (MCF7-TR β) or only the control selector Neo gene (MCF-7). The TR β specific band is labeled with an arrow (left panel). **B)** Luciferase activity was measured in cells transfected with a reporter plasmid containing 4 copies of a consensus thyroid hormone response element under control of the thymidine kinase promoter (DR4-TK-luc) and incubated in the presence and absence of 25 nM T3 for 36 h. Data are expressed relative to the luciferase values obtained in untreated MCF-7 cells. **C)** Luciferase activity in MCF7-TR β cells transfected with the TRE-containing plasmid and treated with the indicated concentrations of T3. Data are expressed relative to the values obtained in the untreated cells. Data are means \pm S.D. Asterisks show statistically significant differences between T3-treated and untreated cells.