**Supplemental Figure S1**: Schematic representation of the experimental model (P6 (BALB/c3T3) cells overexpress human IGF-1R but do not express IGF-1) to examine whether the alterations in IGFBP-1 phosphorylation functionally alter IGF-1 receptor (IGF-1R) autophosphorylation. Conditioned media from HepG2 cells from respective PHT cell treatments were incubated with rhIGF-1 (25 ng/mL) for two hours at room temperature. IGF-1 (10 ng) served as a positive control. P6 cells were then treated for 10 minutes with the P6 media containing IGFBP-1: IGF-I complexes or with IGF-1 alone (positive control] and were used to treat serum-starved P6 cells (75% confluent) in culture dishes for 10 min. The P6 cells were collected to assess IGF-1R autophosphorylation using phospho-site specific IGF-1Rβ (Tyr1135) primary antibody.