Supplementary Figure 2. Endogenous expression levels of IGF-I and IGF-II in prostate cancer cell lines in comparison to benign control cells. IGF-I (left panel) and IGF-II (right panel) mRNA expression levels of Du145, PC3, LNCaP, immortalized benign prostate epithelial (EP-T) and smooth muscle cells (SMC) were analyzed using Real Time PCR and normalized to the endogenous control TBP (TATAbox-binding protein). In Du145 cells the mRNA expression levels of IGF-I and IGF-II were at the detection limit of the Real Time PCR. PC3 cells expressed no detectable IGF-I levels and very low IGF-II levels, whereas LNCaP expressed IGF-I but no detectable IGF-II levels. The benign epithelial and stromal cells both expressed IGF-II and no IGF-I. Highest expression levels of IGF-II were measured in the stromal cell line.