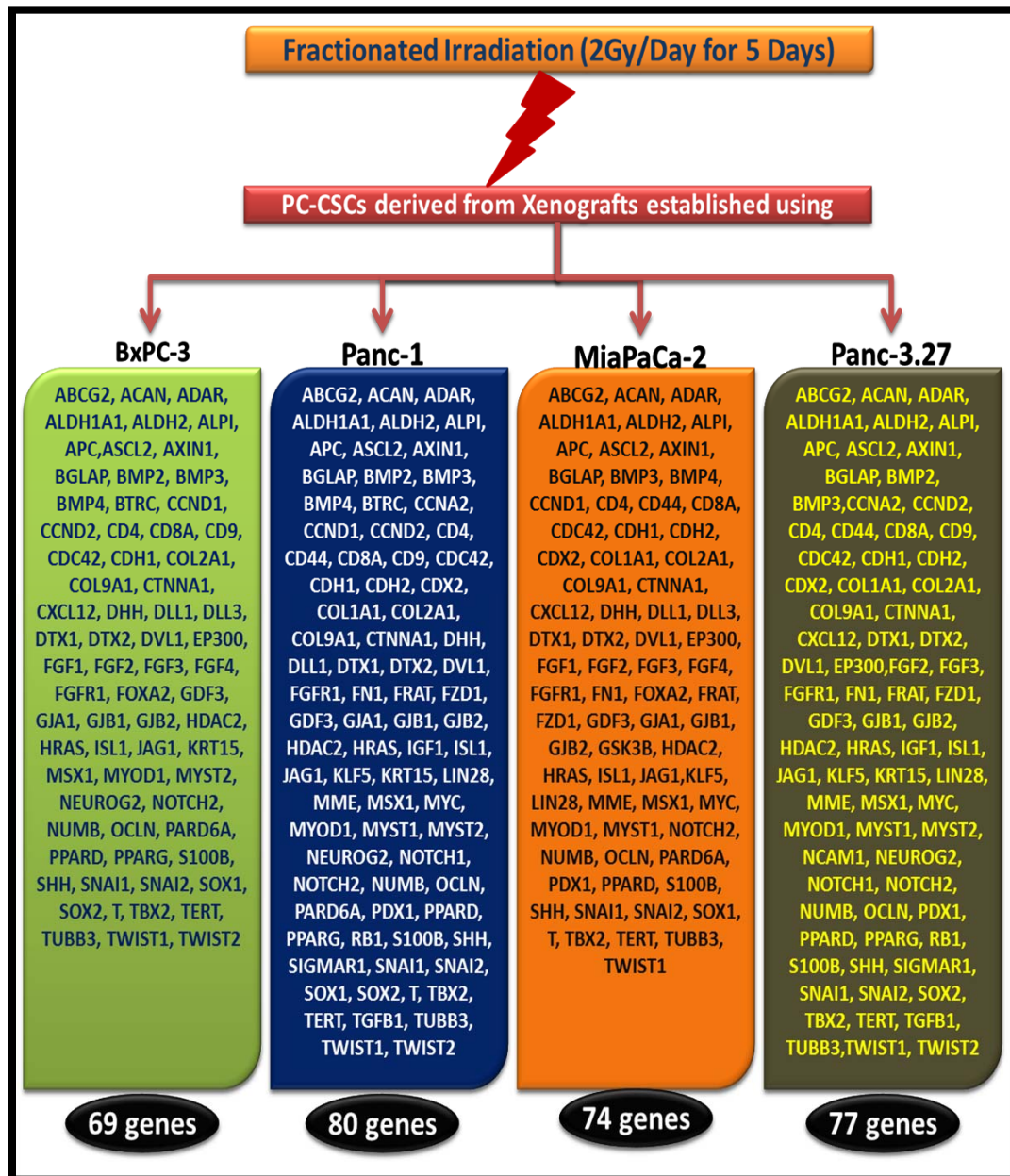




Additional File 2. Clinical doses of radiation (2Gy/Day for 5 days, for a total dose of 10Gy) significantly induced (≥ 2 Fold upregulation) EMT and stem cell-related transcriptome in PC-CSCs derived from Panc-1, Panc-3.27, MiaPaCa-2, or BxPC-3 cells' established xenografts. Forty-three genes, including *ABCG2*, *ACAN*, *ADAR*, *ALDH1A1*, *ALDH2*, *ALPI*, *APC*, *ASCL2*, *AXIN1*, *BGLAP*, *BMP3*, *CD4*, *CD8A*, *CDC42*, *CDH1*, *COL2A1*, *COL9A1*, *CTNNA1*, *DTX1*, *DTX2*, *DVL1*, *FGFR1*, *GDF3*, *GJB1*, *GJB2*, *HDAC2*, *HRAS*, *ISL1*, *JAG1*, *MSX1*, *MYOD1*, *NOTCH2*, *NUMB*, *OCLN*, *PPARG*, *S100B*, *SHH*, *SNAI1*, *SNAI2*, *TBX2*, *TERT*, *TUBB3*, and *TWIST1* showed consistent cell-line independent upregulation.