



**Supplementary Figure S3.** JACop colocalization analysis of PTGS2 and Vimentin fluorescent staining: graphical representation of Pearson's (a) and Manders' (b) analyses of PTGS2 and vimentin colocalization in multiple fields of five CRC cases, after threshold subtraction of dim vimentin -positive cells. Mean Pearson correlation index ranged from 0.367 to 0.600 indicating a high degree of PTGS2-vimentin colocalization also after eliminating a potential spurious signal. Manders overlap coefficients confirm that PTGS2 has a high correspondence with vimentin, while the opposite linkage is less evident.