Supplementary Figure 2. Migration, proliferation rates and RTK profiling of HCT116 parental and invasive cells. A. Migration assay in early passage (P4) and late passage (P16) parental and invasive HCT116-I6 cell populations calculated using the xCELLigence system and the CIM plate 16 (Roche Applied Sciences). B. Cell doubling time of HCT116 parental and HCT116-I6 cell populations calculated using the xCELLigence proliferation e-plates. C. Images of morphology of invasive HCT116-I4 and HCT116-I5 sublines. D. Left panel: Human phospho-receptor tyrosine kinase array (R&D systems) in HCT116 parental (PAR) and invasive (I3) cells. The cell extracts were incubated with membranes containing antibodies to 42 different receptor tyrosine kinases. The membranes were washed and incubated with a cocktail of biotinylated detection antibodies to measure the levels of active kinases. Right panel: Total phosphorylated AXL protein was quantified using densitometry. E. pIGF1-R and IGF1-R expression levels in HCT116 parental and invasive HCT116-I6 cells as measured by Western blotting. F. Shedding of GAS6 into the culture medium of parental (Par) and invasive (I6) HCT116 cells was measured.