



Supplementary Figure S5: Binding of AP-1 proteins to the *HMGA1* locus in MDA-MB-231 cells after alteration of Fra-1 or Fra-2 levels. Upper panel: *Fra-1* binding to the *HMGA1* locus after RNAi-mediated depletion of *Fra-1* (A) or of *Fra-2* (C) and *Fra-2* binding after depletion of *Fra-1* (B) or of *Fra-2* (D). ChIP-qPCR experiments were conducted 72 h after transfection of either siCTL (black bars), siFra-1 (blue bars) or siFra-2 (purple bars). The data presented are the means of 4 independent experiments. Relative signals were calculated with position +7.95kb arbitrarily set to 1 under control conditions. Lower panel: binding of *c-Jun* (E) *JunB* (F) and *JunD* (G) at *HMGA1* locus in the presence or absence of *Fra-2*. ChIP-qPCR experiments were conducted 72h after transfection of either siCTL (black bars) or siFra-2 (purple bars). Values are the mean of 5 (*c-Jun*, *JunD*) or 7 (*JunB*) independent experiments and were normalized to that of amplicon +7.95 under control conditions, which was arbitrarily set to 1. The black arrow indicates the *HMGA1* TSS. Vertical red arrows indicate *Fra-1* and *Fra-2* binding sites (see Figure 3A). ChIP-qPCR amplification primer sequences are given in Supplementary Table S1E. Bars indicate SEM. The results of the 2-tailed Student unpaired t-test are indicated on the histograms. *P-value ≤ 0.05 , **P ≤ 0.01 , ***P ≤ 0.005 , ****P ≤ 0.0001