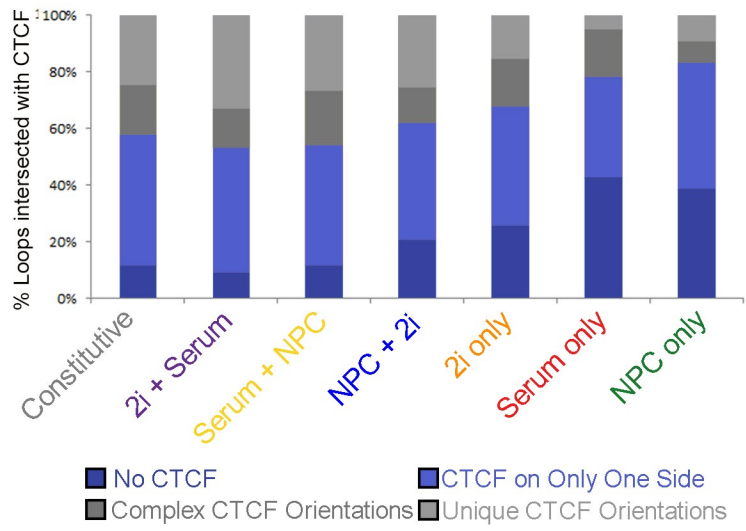
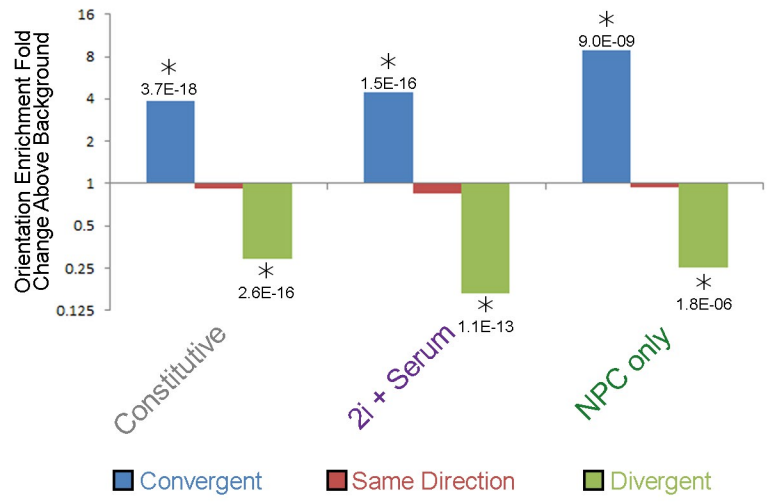


A**B**

Supplemental Figure S9. CTCF anchoring classified interactions are preferentially oriented in a 'convergent' manner. (A) Stacked barplot characterizing the presence of CTCF in each looping class. Classifications were: no CTCF in loop (dark blue), CTCF found on only 1 side of the looping interaction (light blue), complex CTCF orientations such as conflicting CTCF orientations at the same peak or on the same side of a loop (dark grey) and unique CTCF orientations anchoring both sides of each loop (light grey). **(B)** Fold change enrichment of pairs CTCF motifs in specific orientations across the two sides of interactions present in constitutive, Serum+2i, and NPC-only loops compared to background levels. P-values calculated using Fisher's exact test. Related to Figures 3-4.