



Figure S5 CREB1 enhances GABP α binding to several SNPs in the ETS \rightleftharpoons CRE motif (2.5ng concentration). (A) GABP α -GST (2.5ng) binding to 1,960 features containing the ETS \rightleftharpoons CRE 16-mer CCGGAAGTGACGTAC and 48 SNPs on the ETS-CRE array. The first column of the figure contains 40 black spots representing GABP α -GST binding to the 40 features containing the consensus ETS \rightleftharpoons CRE motif CCGGAAGTGACGTAC. The rest of the columns represent 40 features for each of the 48 SNPs, as indicated. (B) GABP α -GST binding in the presence of equal concentration (2.5ng:2.5ng) of the CREB1 plasmid on the ETS-CRE array. (C) Histogram of the ratio of GABP α -GST array intensities +/- CREB1 to the consensus and SNP probes. Horizontal dashed line indicates the ratio of GABP α +CREB1/GABP α binding to the consensus. (D-F) Same as in A-C, but for GABP α -GST (+/- CREB1) binding to 1,960 features containing the weaker ETS \rightleftharpoons CRE 16-mer GCGGAAGTGACGTAC motif and 48 SNPs on the ETS-CRE array.