



Supplemental Figure S4

Supplemental Figure S4: MEDEA filtering creates for each input set a series of pairwise subtractions against a reference set of different cell types. The AUROCs of the indicated 13 k -mer modules for each series of the 11 sets of MEDEA-filtered peaks, which were obtained by contrasting the DNase-seq peaks of an input cell type with the DNase-seq peaks of the other 11 cell lines in our reference set (**Methods**). Each bar depicts the AUROC of a MEDEA-filtered peak set. GATA in K562, POU in H1-hES, and IRF in GM12878 are highlighted (as in **Fig. 1A**) and magnified on the right insets, where the median value of each series is marked by a green asterisk. These median values are used in the rest of the analysis to robustly characterize the overall MEDEA enrichment of a motif in a cell type and are presented in **Fig. 2B**.