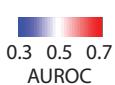
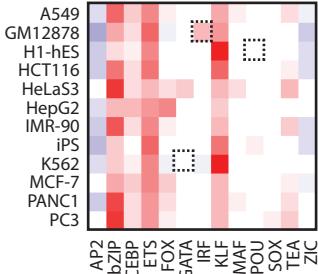


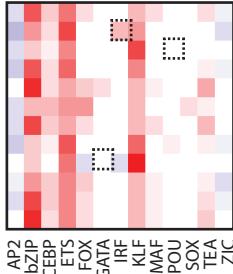
AUROC
with
GENRE



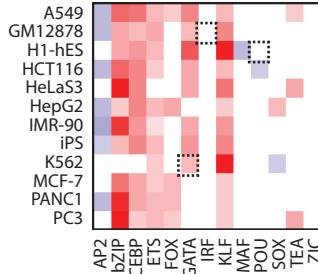
A Top 2000 Peaks



B Top 5000 Peaks



B Top 500 Peaks

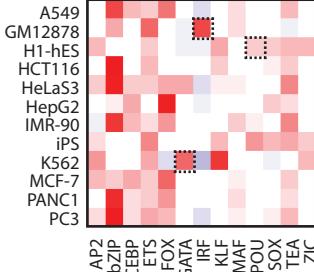


TF k-mer modules

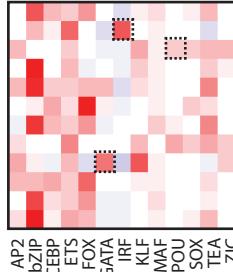
MEDEA



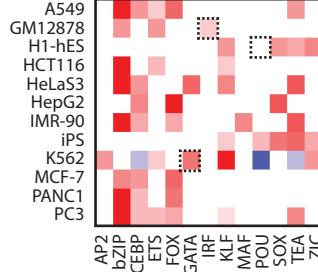
C Top 2000 Peaks



C Top 5000 Peaks



D Top 500 Peaks



TF k-mer modules

D PWM models

Supplemental Figure S1

Supplemental Figure S1: AUROC values for motif enrichment patterns are robust to the number of DNase-seq peaks and to the specificity models. (A) AUROC analysis as in **Fig. 1A**, but performed by using the indicated number of top peaks by signal value, instead of the top 500 peaks. (B) AUROC analysis as in **Fig. 1A**, but performed by using Position Weight Matrices for a characteristic TF of the TF family (Benchmarking motifs in **Supplemental Table S1.4**). (C) MEDEA AUROC analysis as in **Fig. 2B**, but performed by using the indicated number of top peaks by signal value, instead of the top 500 peaks. (D) MEDEA AUROC analysis as in **Fig. 2B**, but performed by using Position Weight Matrices for a characteristic TF of the TF family (Benchmarking motifs in **Supplemental Table S1.4**).