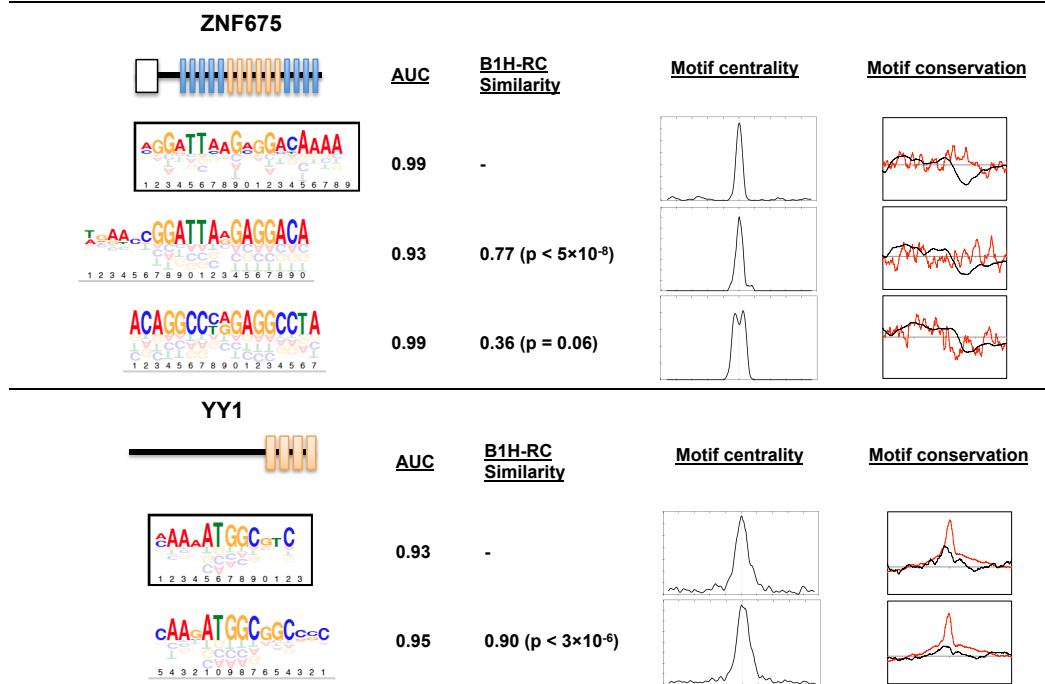
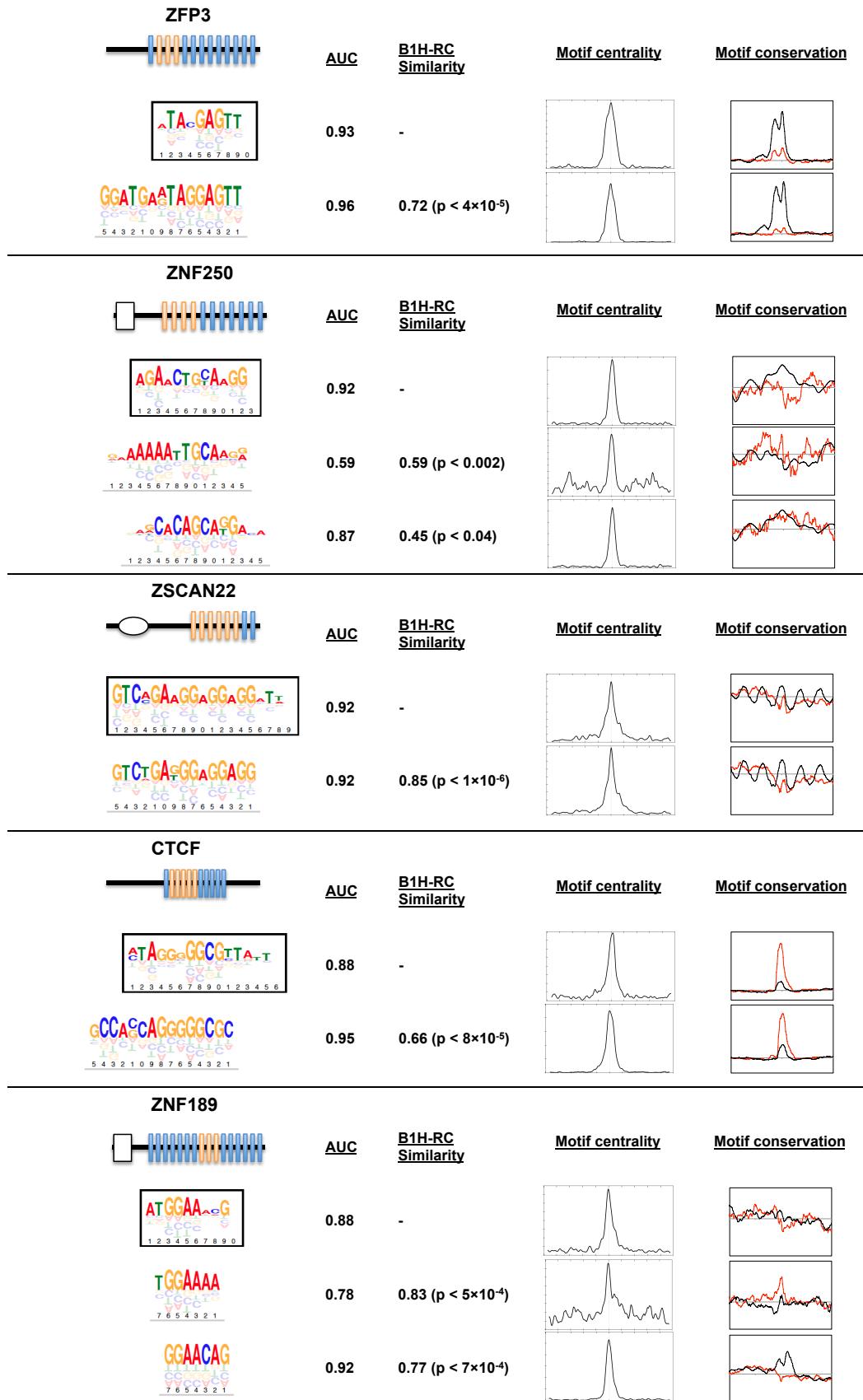


Summary of ChIP-seq results and downstream analysis for 39 human C2H2-ZF proteins. For each protein, the B1H-RC motif is depicted on the top, followed by the best-matching *de novo* motif. If the best-matching *de novo* motif is not the top output of MEME, the top MEME motif is also depicted at the bottom. For each motif, centrality was calculated using CentriMo for the top 500 peaks, including the region [-250,250] around the peak summits. Motif conservation corresponds to the average phastCons score of -100 to +100 bp around the center of motif instances, with the red curve corresponding to motif instances that coincide with at least one ChIP-seq peak in the non-repeat part of the genome, and black curve corresponding to motif instances within ChIP-seq peaks that overlap EREs. Conservation scores are normalized so that, for each curve, the average across regions [-100,-50] and [50,100] is zero, and the standard deviation is one. Protein domain architectures are obtained from UniProt.

- █ C2H2-ZF
- █ C2H2-ZF corresponding to the B1H-RC motif
- █ KRAB
- SCAN
- ◇ BTB

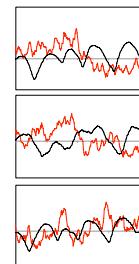
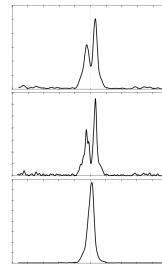




ZNF382**AUC****B1H-RC
Similarity****Motif centrality****Motif conservation**

0.86

-



0.64 0.51 (p < 0.005)

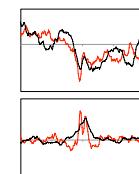
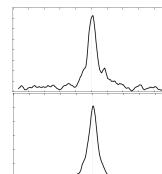


0.94 0.22 (p = 0.73)

ZNF528**AUC****B1H-RC
Similarity****Motif centrality****Motif conservation**

0.83

-

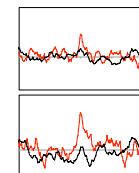
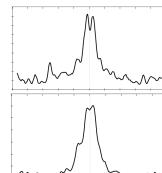


0.96 0.57 (p < 0.002)

ZBTB12**AUC****B1H-RC
Similarity****Motif centrality****Motif conservation**

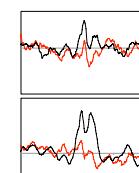
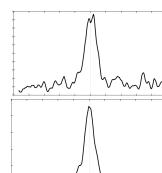
0.78

-

0.87 0.80 (p < 3×10⁻⁵)**ZNF35****AUC****B1H-RC
Similarity****Motif centrality****Motif conservation**

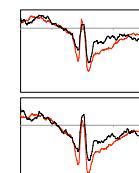
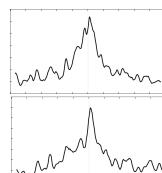
0.78

-

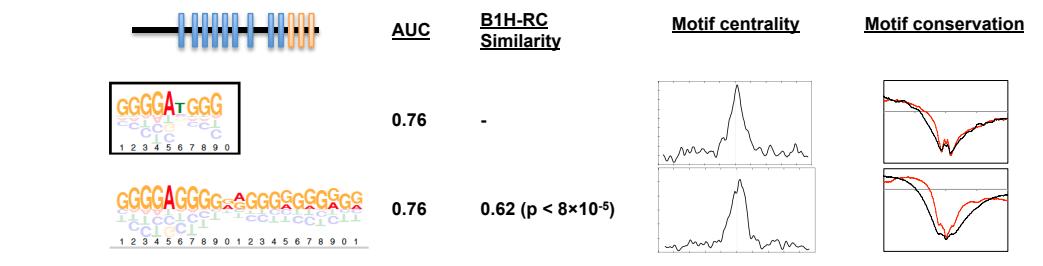
0.82 0.65 (p < 2×10⁻⁵)**KLF14****AUC****B1H-RC
Similarity****Motif centrality****Motif conservation**

0.76

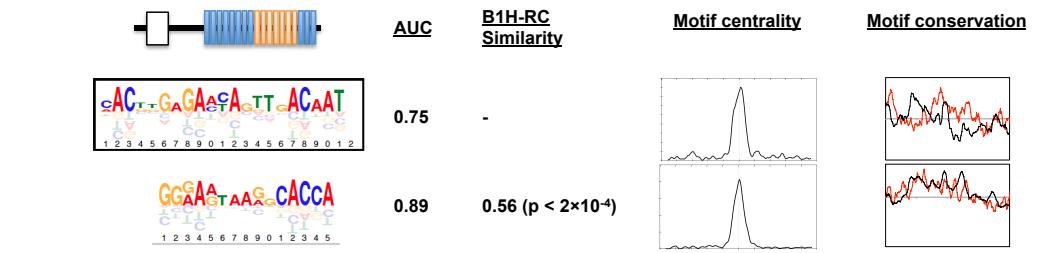
-

0.77 0.93 (p < 4×10⁻⁶)

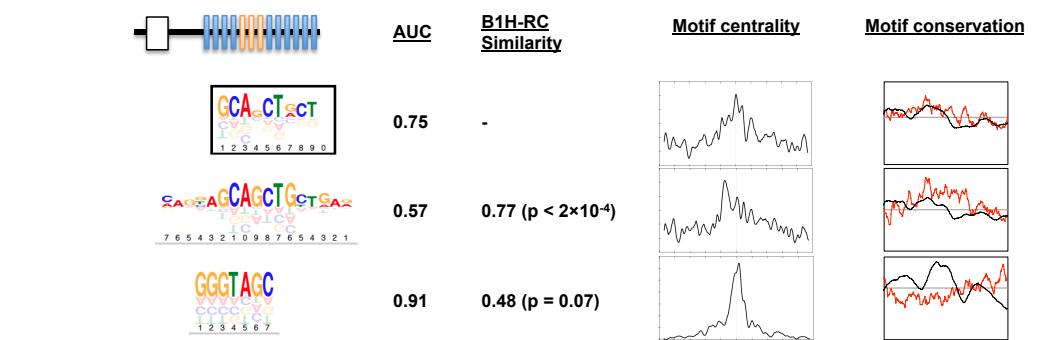
ZNF467



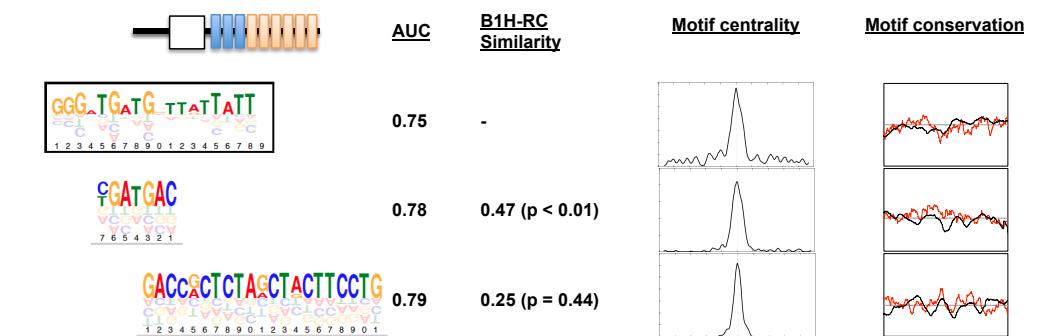
ZNF41



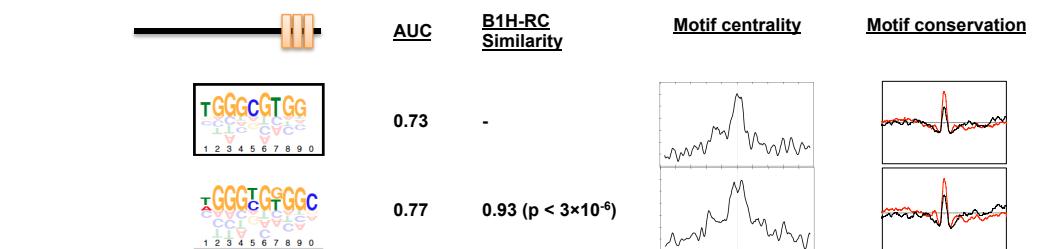
ZNF273



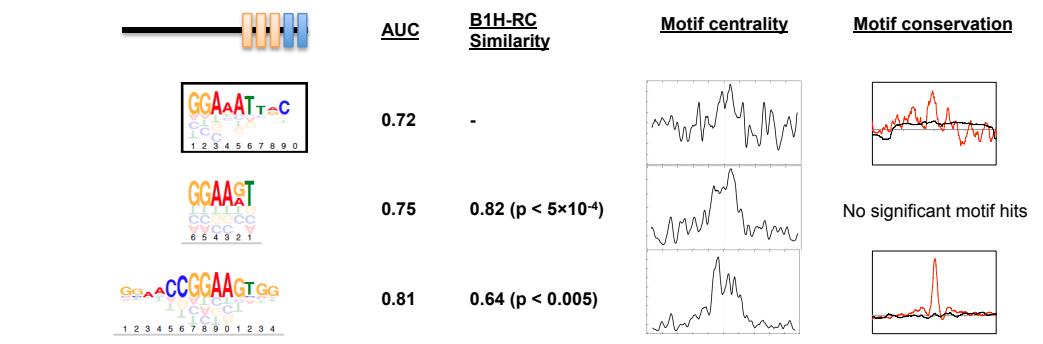
ZNF669



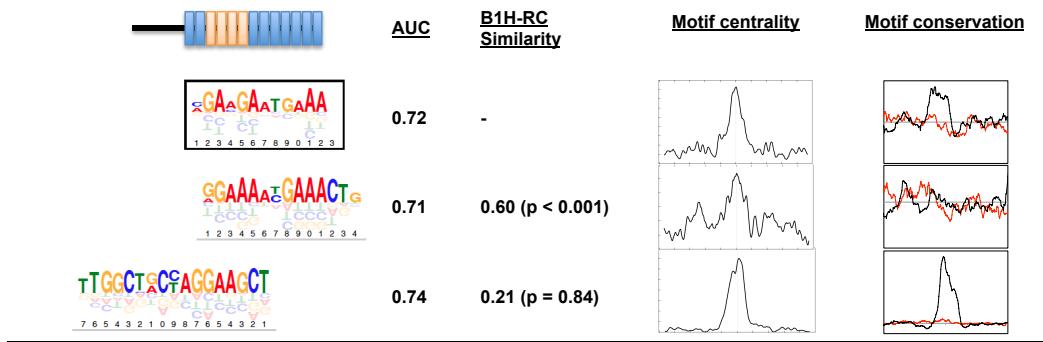
KLF10



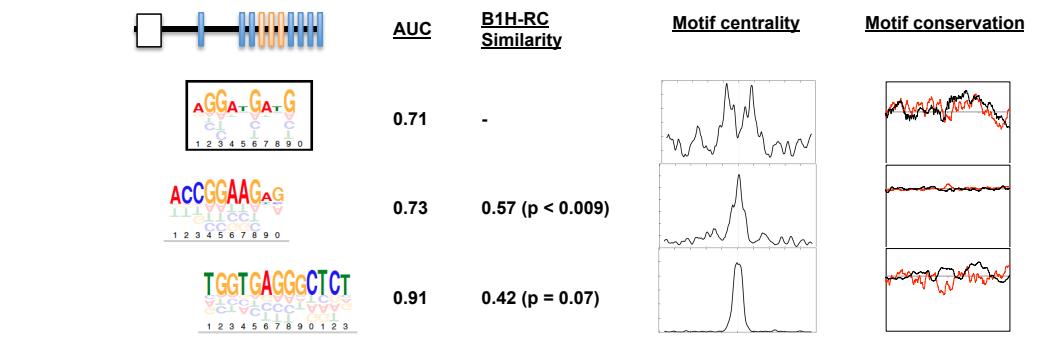
ZNF200



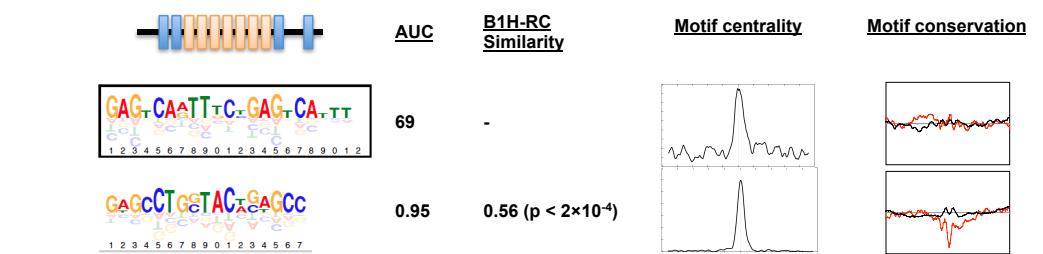
ZNF71

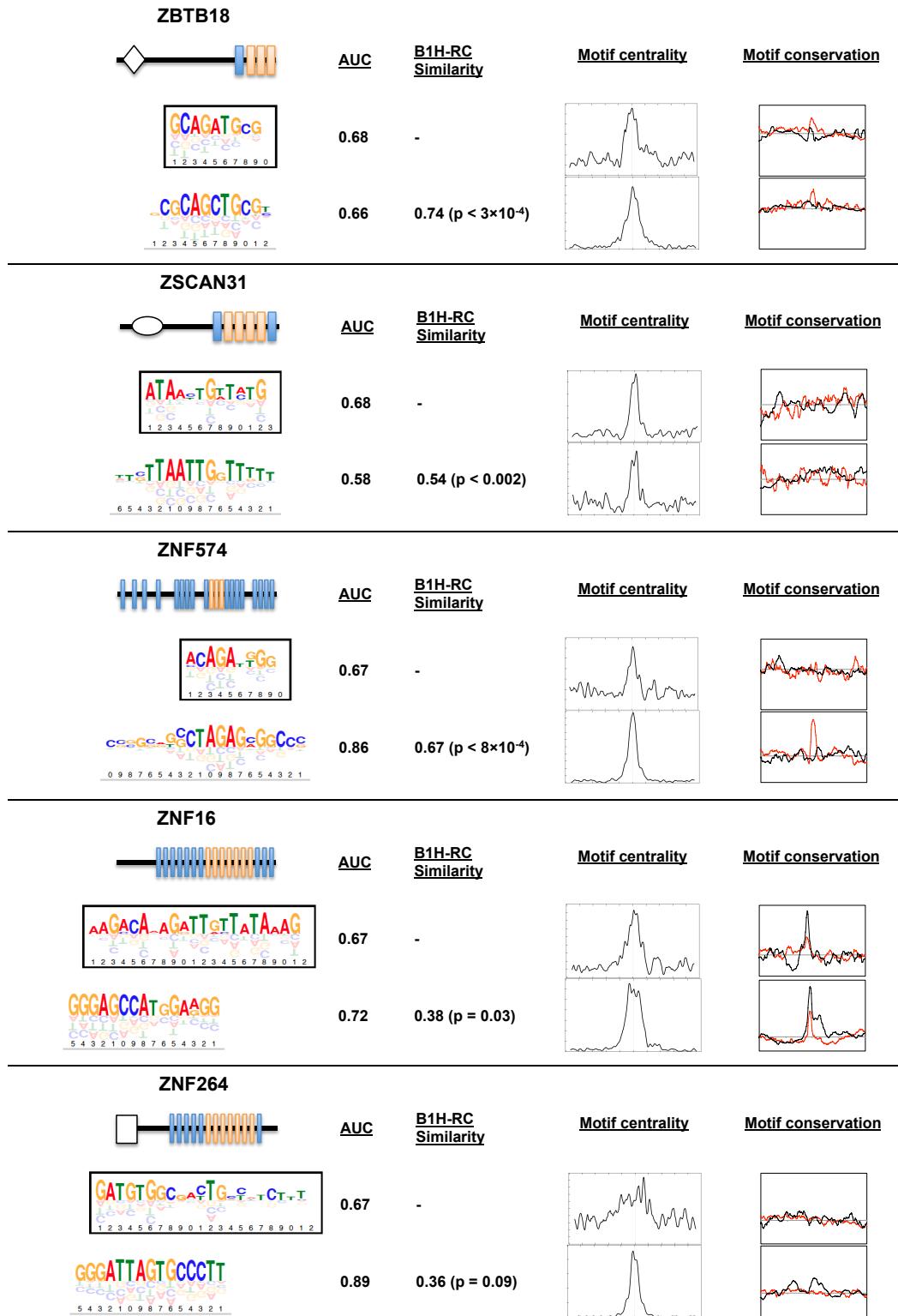


ZNF519

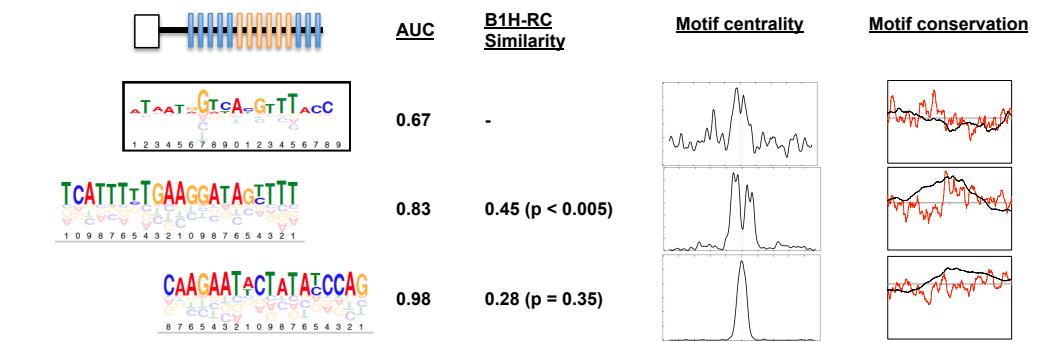


ZNF322

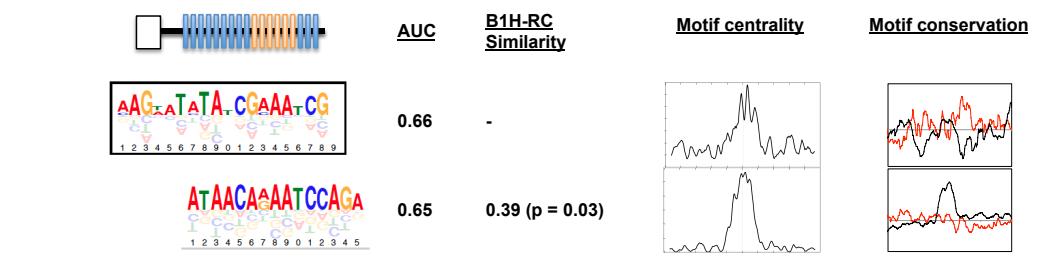




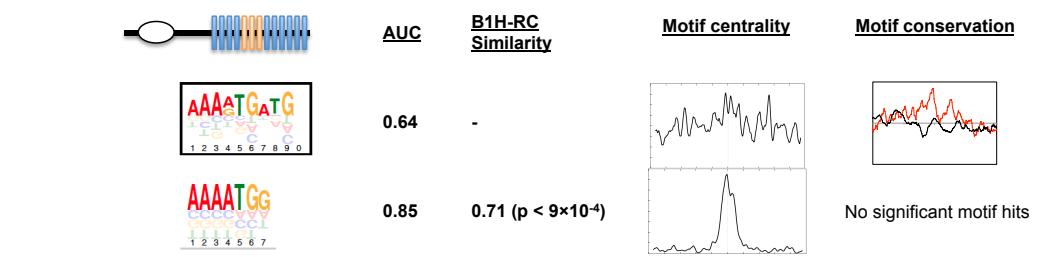
ZNF136



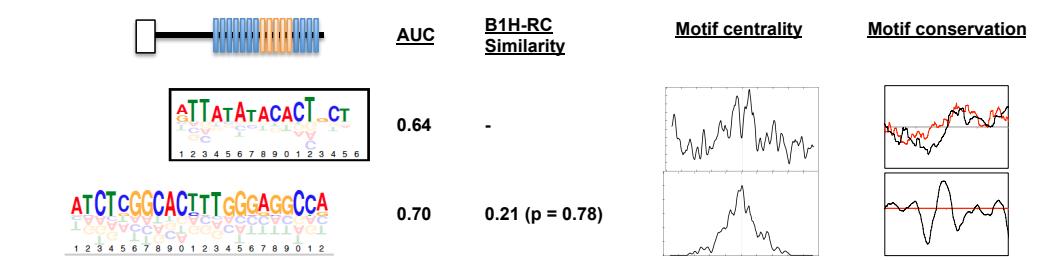
ZNF45



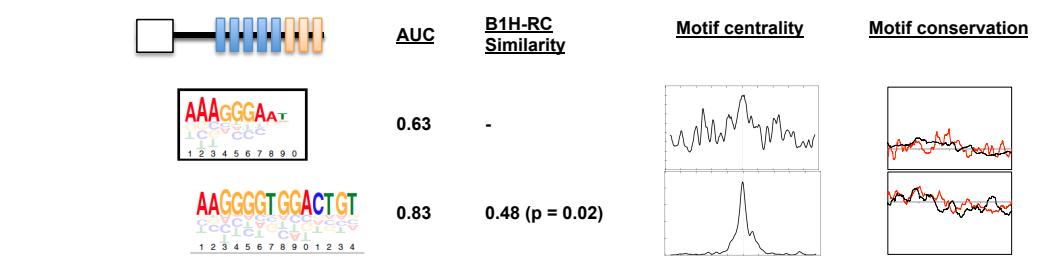
MZF1



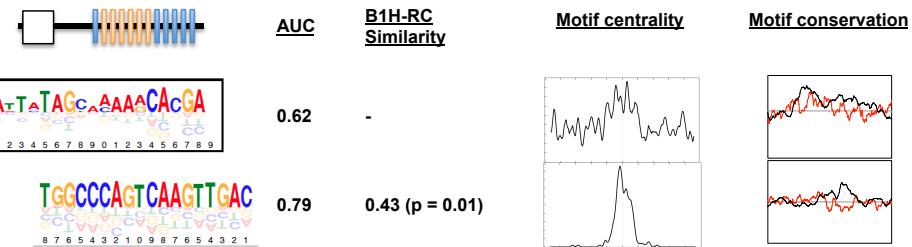
ZNF33A



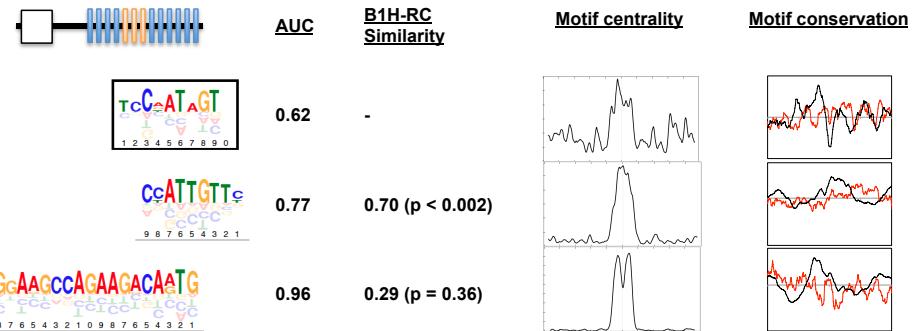
ZNF684



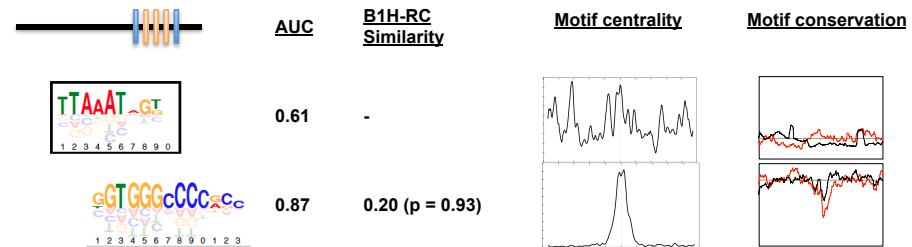
ZNF416



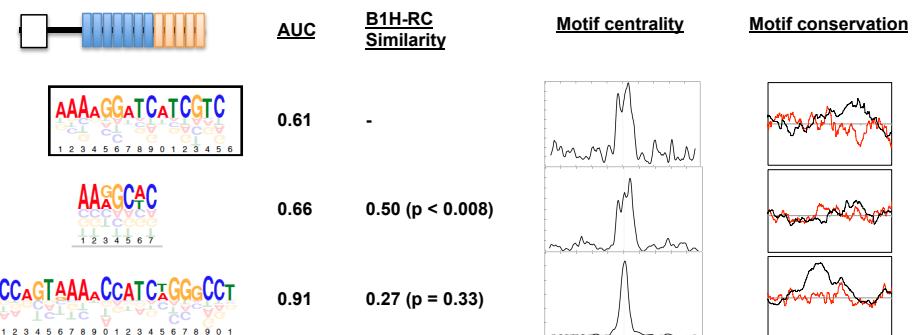
ZNF317



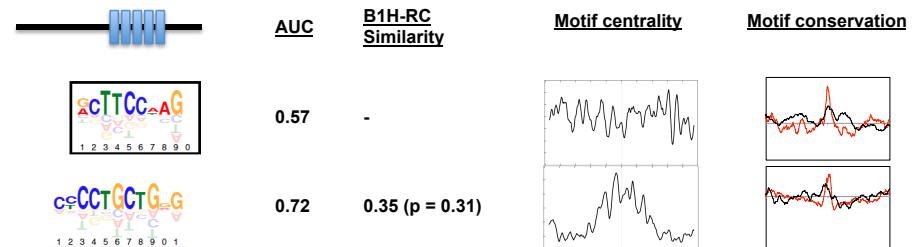
ZNF692



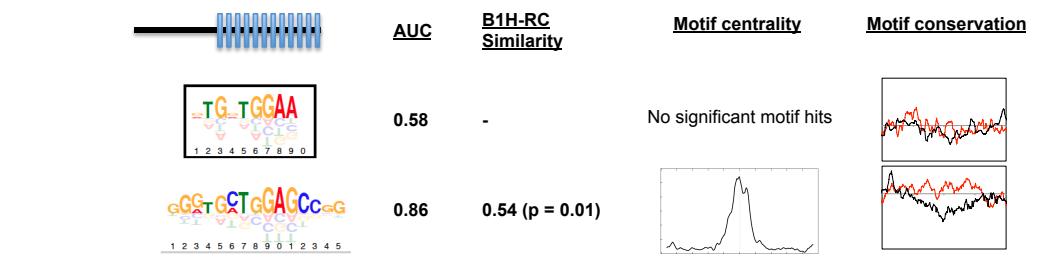
ZNF454



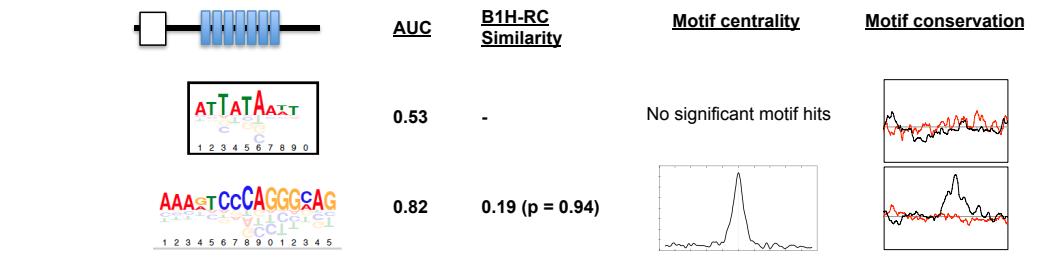
ZIC2



ZNF415



ZNF621



ZNF653

