## **Description of Additional Supplementary Files**

File Name: Supplementary Data 1

Description:  $K_d^{App}$  values measured in this study. Sheet 1 shows  $K_d^{App}$  values measured for SP/KLF consensus motif experiments including  $IC_{50}$  values from competition experiments. Sheet 2 shows  $K_d^{App}$  values measured for motif survey experiments including with the mycG4 sequence. Sheet 3 shows  $K_d^{App}$  values measured in nucleosome and modified nucleosome experiments. All values are in units of nM.

File Name: Supplementary Data 2

Description: Absolute protein quantification of HeLa nuclear lysate