



Supplemental Figure 5. All first layer filters from the CNN represented as positional weight matrices (PWM). 488,000 random 13-mer sequences were tested in each filter. The top 1000 were used to create a PWM. Each filter's per-UTR motif score was compared to the enrichment score of that UTR, resulting in a positive or negative Pearson correlation, suggesting that the presence of that filter-motif has a positive or negative effect on enrichment.