binomial generalized linear model with genomic features hg19\_miCLIP z.value Estimate **METTL14 TREW METTL3 TREW GGACT HK** genes long exon FC 1bp **GAACT** YTHDF1 TREW **AGACT** YTHDF2 TREW miR targeted genes **GGACA** Stop codons PC 1bp YTHDC1 TREW **FTO eCLIP FTO CLIP ALKBH5 PARCLIP** length cds **GC** cont genes pos exons intron dist sj 5 p2000 **Start codons** last exon 400bp pos cds **TargetScan** length UTR5 UTR3 **TSS** length gene ex Intercept **HNRNPC eCLIP Verified miRtargets** exon stop exon num pos UTR5 **AAACT** isoform num struct loop last exon sc400 **IncRNA** TSS A **PC 101bp FC 101bp** struct hybridize **AGACA** cds length UTR3 **WTAP TREW** last exon internal exon GC cont 101bp abs length gene full **GAACA** pos UTR3 dist nearest p200 dist sj 3 p2000 alternative exon constitutive exon **GAACC AGACC** 

predictors

GC cont 101bp AAACA AAACC

dist nearest p2000

-10

-5

-10

10

15

10