Figure 1.

a

TAF15: antibody ++ ++ + +

MNase

B
A

Autoradiograph

Input Post-IP IP

225
80
65
50
35

Western blot

b

TAF15 CLIP
Uniquely mapped
non-redundant

5,975,094

pre-mRNA

5,128,815

47,138 clusters
in 4,873 genes

c

All UGGUAAGU $p < 10^{-535}$
5' UTR AGGUAAGU $p < 10^{-35}$
CDS UGGUAAGU $p < 10^{-365}$
3' UTR AGGUAAGU $p < 10^{-40}$
Prox intron UGGUAAGU $p < 10^{-243}$
Distal intron AGGUAAGU $p < 10^{-501}$

d Transcriptome

UGGUAAGU
$p < 10^{-535}$

Target
Background

% TAF15
motif presence

e 3' UTR

AGGUAAGU
$p < 10^{-40}$

Target
Background

% TAF15
motif presence

━━━ TAF15   ─ ─ FUS   ─ ─ TDP43