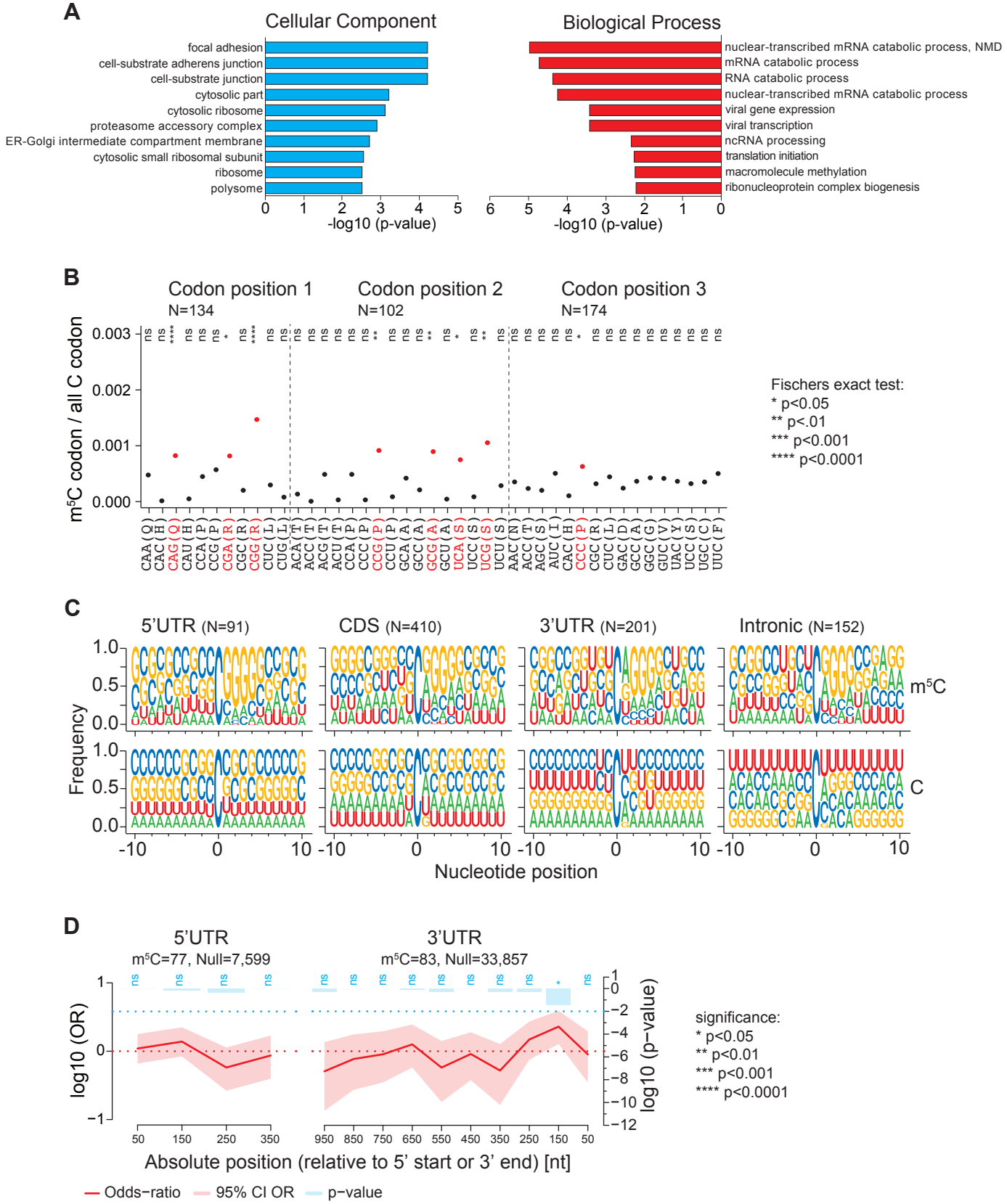
Figure S7:


A
Cellular Component
focal adhesion
cell-substrate adherens junction
cell-substrate junction
cytosolic part
cytosolic ribosome
proteasome accessory complex
ER-Golgi intermediate compartment membrane
cytosolic small ribosomal subunit
ribosome
polysome
-log10 (p-value)
Biological Process
nuclear-transcribed mRNA catabolic process, NMD
mRNA catabolic process
RNA catabolic process
nuclear-transcribed mRNA catabolic process
viral gene expression
viral transcription
ncRNA processing
translation initiation
macromolecule methylation
ribonucleoprotein complex biogenesis
-log10 (p-value)
B
Codon position 1
N=134
Codon position 2
N=102
Codon position 3
N=174
m5C codon / all C codon
Fischers exact test:
* p<0.05
** p<.01
*** p<0.001
**** p<0.0001
C
5'UTR (N=91)
CDS (N=410)
3'UTR (N=201)
Intronic (N=152)
m5C
C
Frequency
Nucleotide position
D
5'UTR
m5C=77, Null=7,599
3'UTR
m5C=83, Null=33,857
log10 (OR)
log10 (p-value)
significance:
* p<0.05
** p<0.01
*** p<0.001
**** p<0.0001
Absolute position (relative to 5' start or 3' end) [nt]
Odds-ratio
95% CI OR
p-value