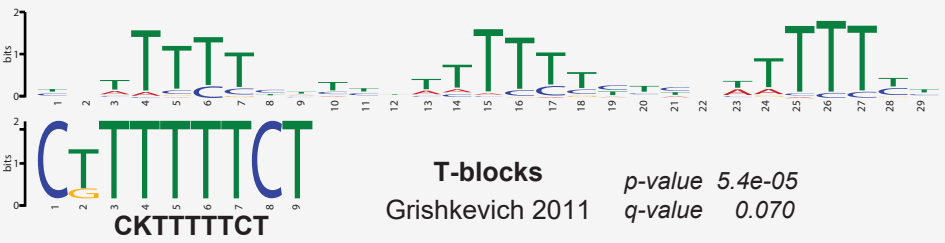
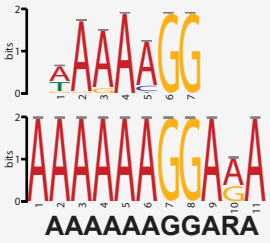
Figure S6

Noncoding Peak Motifs



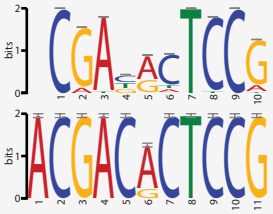
T-blocks
Grishkevich 2011
p-value 5.4e-05
q-value 0.070

CKTTTTTCT

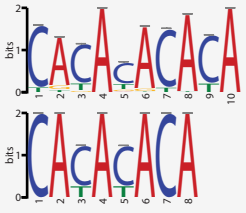


AAAAAAGGARA

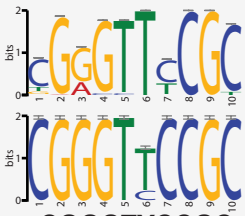
PHA-4
Gaudet 2004
p-value 7.9e-05
q-value 0.087



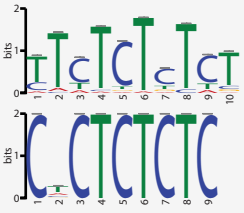
ACGACRCTCCG
EFL-1 motif3
p-value 3.8e-06
q-value 0.042



CAYAYACA
UNC-55 motif1
p-value 8.5e-09
q-value 9.4e-05



CGGGTYCCGC
GEI-11 motif1
p-value 1.9e-06
q-value 0.021



CNCTCTCTC
EGL-27 motif2
p-value 2.9e-05
q-value 0.053

Promoter Peak Motifs

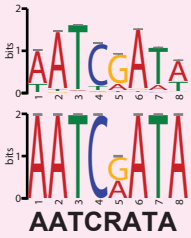
SP1
Grishkevich 2011

GGCGGRGY
p-value 1.1e-06
q-value 0.012

TATA-box
Grishkevich 2011

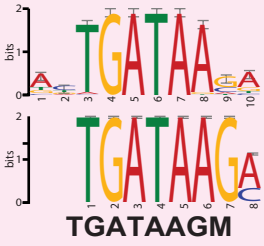
STATAAAA
p-value 8.9e-08
q-value 0.00098

CEH-28 motif1



AATCRATA
p-value 2.3e-06
q-value 0.025

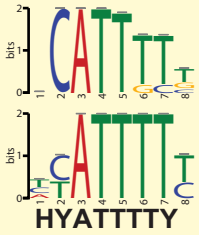
ELT-2
McGhee 2009



TGATAAGM
p-value 6.1e-06
q-value 0.067

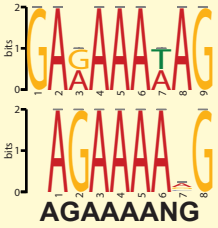
Intergenic Peak Motifs

Kozak
Grishkevich 2011



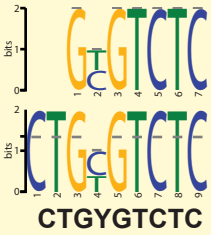
HYATTTTY
p-value 1.0e-07
q-value 0.0011

EGL-5



AGAAAANG
p-value 3.5e-05
q-value 0.094

NHR-6 motif1



CTGYGTCTC
p-value 6.8e-05
q-value 0.082

N1 pan-neuronal
Ruvinsky 2007

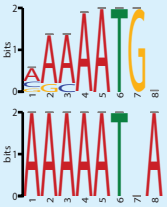
AGAMGVAGA
p-value 3.7e-06
q-value 0.022

SLR-2
Kirienko 2010

AGAMGVAGA
p-value 3.0e-05
q-value 0.047

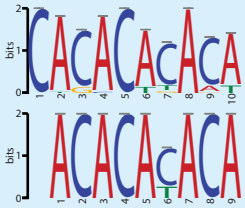
Intron Peak Motifs

Kozak
Grishkevich 2011



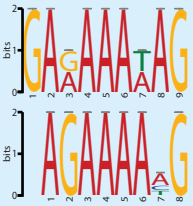
AAAAATNA
p-value 7.6e-06
q-value 0.084

NHR-25 motif2
or UNC-62, UNC-55



ACACAYACA
p-value 4.2e-07
q-value 0.0012

EGL-5



AGAAAAHG
p-value 3.0e-05
q-value 0.084