File 4: Weight matrices defined by hairy stripes 5, 6, and 7

File 4: Results from running customized Gibbs on hairy stripes 5, 6, and 7. Weight matrices were constructed from uppercase sequence. For each entry, the source of the sequence (for example hairy stripe 5) is given. The last three fields give the weight matrix that matches best (for example Kruppel), if the match is significant. The last two fields are the score and the position of the match counted from the first lowercase base.

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>motif 1 (Kruppel like)

ncggcCGAAAGAGGAGaggga   h_stripe5    5     Kruppel   2.9  7
gagagGGAATGAGTTGcctgg   h_stripe5   18     Kruppel   5.4  7
gattcGCAAAGAGTTTttacg   h_stripe5   65     Kruppel   6.6  7
ctctgGGATAGAGTTTagagt   h_stripe5  200     Kruppel   5.1  7
cgcgcCGAAAGAGGTTctctc   h_stripe5  218     Kruppel   5.9  7
agagtGGAAAGAGTTCtacgg   h_stripe5  269     Kruppel   7.3  7
tcttcCGAAAGAGTGTcactc   h_stripe7  282     Kruppel   4.8  7
ggcagGGAAAGTGTTGacatg   h_stripe7  491     Kruppel   5.7  7
ttgtgGCAAAGGGTTTcgccc   h_stripe7  564     Kruppel   8.2  7
aattcCCAAAAAGTTGcctca   h_stripe7  686     tailless  4.1 12
ggtcaCCAAAGGGTTCgtgag   h_stripe7  797     Kruppel   8.2  7
gaaccCGAAAGAGTTGacacc   h_stripe6  117     Kruppel   7.3  7

>motif 2 (hunchback/caudal like)

gccctGCTGTTCTTTTTGgccct h_stripe7   10      caudal     6.0  8
ggcccTGTTTTCTTTTTTgtggt h_stripe7   27      hunchback  6.0  12
attgtTGCAATTTTTGTGgtttt h_stripe7   78      hunchback  6.9  10
ttaaaTCTTTTTTTTTTTttgat h_stripe7  218      hunchback  6.9  7
tctagGGGATTTTTATTGctttt h_stripe7  614      hunchback  5.6  9
ntttgGGAATTTGTTTTGagcaa h_stripe7  674      tailless   4.4  9
gttttTGTGTTTTTTCTGctttg h_stripe7  731      hunchback  7.4  1
cattgTGCGTTTTTTGTGcccaa h_stripe7  855      hunchback  7.1  8
ggatcGCAGTTTTTTACGatcct h_stripe6   14      caudal     7.2  7
ctccgTCCGTTTTTTAAGccttt h_stripe6   53      caudal     9.1  7
ngaagTGCAATCTTTATTttggc h_stripe6  241      hunchback  3.4  12
tgcggGCTGTTTTTTAAGccttt h_stripe6  329      caudal     8.0  7
nnnntGCGATTTTTTATGggaac h_stripe6  431      caudal     6.1  8
tggtaTCAGTTTTTTTTTtccga h_stripe6  491      hunchback  7.7  9

>motif 3 (knirps like)

atggcGTGTCGTAAAAactnt   h_stripe5   56
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ttggtGGATCGTAAAAtccct   h_stripe5  147      knirps   3.8  4
agtaaATATCATAAAAgcaat   h_stripe7  602
gttgaGGATCGTAAAAaactg   h_stripe6   20      knirps   6.6  4
gacggAGGTCGTAAAAcccgt   h_stripe6   39      knirps   4.2  4
atagcGGGTTGTAAAAtccgg   h_stripe6  140      Kruppel  3.8  2
acannATGTCGGAAAAnnaaa   h_stripe6  501      knirps   2.7  4

>motif_4

tgcgtGGCGTGGTGGCAtggcg  h_stripe5   40
ttttgGGCCTGTTCAGAgacct  h_stripe7   97
tcagaGACCTGTTCTGAattta  h_stripe7  109
atctgGACTAGGTAGCAgctgt  h_stripe7  147
attctGGCCAGTTGTCAttagc  h_stripe7  370
gccacGGCGATTTGTCAaggct  h_stripe7  404
gccgtGGCTTGGTGACAgatga  h_stripe7  418
cacgtGGCGTGGTATCAgtttt  h_stripe6  482
tttccGACATGTTGTGAactta  h_stripe6  507

>motif 5

gttntTTTTGGCCCTGttttn   h_stripe7   18
tntttTTTGTGGTTAGaagtg   h_stripe7   37
tgtggTTTTGGGCCTGttcag   h_stripe7   92
actggTTTCGGCCCTAaattc   h_stripe7  124
gaccgATTCTGGCCAGttgtc   h_stripe7  376
gcattTTTCGGCTTAAgtaga   h_stripe7  652
tgttnTTTCTGCTTTGttaaa   h_stripe7  726
cgttnTTTGTGCCCAAcgatc   h_stripe7  850
aagncTTTCTGCTCTGccatc   h_stripe6   68
taaagTTTTTGACCAGattcc   h_stripe6  170
cacatTTTTTGATTAGgcaaa   h_stripe6  310

>motif 6

ttttaTTAAATCTTTTntttt   h_stripe7  213
aatctTTTAATCTTGAtagaa   h_stripe7  240
ctgttTTTAGTATTTTtcttc   h_stripe7  266
ttgccTTTTACCTTTTcgact   h_stripe7  329
ccaccTTTAGCCTTGAcaaat   h_stripe7  396
tccagTTTAACATTTTaattg   h_stripe7  582
taaaaATTAGTCTTGCtttgc   h_stripe7  709
gttntTTAAGCCTTTCtgctc   h_stripe6   61
gttntTTAAGCCTTTTgccta   h_stripe6  323
cccttTTTTGTCTTGTtccca   h_stripe6  447
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