

A

AATAAAAGCAAAGATAGGGAGGTAGTAGAAGATTAATGAGCCACAACCTATTGTAGGCATATATTGTTTGGATATTGTTGGCGAAAAGCTCACCGTC
 ATGGCCATGTACCAAATCGACAAAATTAAGCTACCAAATTCACAAAAACAAGGAGGGGTGGAGAGGGAGAGAAAAGAAGGTGGTCTCTCTCTAGT
 CTCTAGCCATAGGCAATCAAAAGCACCTTTTTCTCACCCCTATAAAAAGGCCCTCACCAACCCATCGCCTCCTCCGCTCAGAGAGAGCAAATTCCTCAG
 TAAGCAGAATCAAAGCAGATTAACCCCTATCTACTTCTGGCCCTCTAAGAGTTCTCCACTAAGCAAGCGAAAACAGCCATGCTGCACCACCATTAC
 CATGGCGAGGTGGCCAGCCTGCACTGCCTCTCACCTCCAAGCCTACCATTAGTTCCCACTACCACAGCAACATGATCACCCATGGCACCCCTCGCCC
 H G E V A S L H C L S P P S L P F S S H Y H S N M I T M A P S P
 TTCCACTTCCCAGCAGCTACCTGTGAACCTATCCAGGAATTGCTCCCTGTGGTAGCGGGCAATCGCCCAGCCGGCTCTGGCAGCACAGATGACGCC
 F H F P A A T C E P I Q E L L P V V A G N R P A G S G S T D D A
 TACCAGATGGCAGCGGAGGAGCGGAGGGCGGAGGATGATCTCCAACCGGGAGTCGGCACGGCGGTTCGCGCATGCGCAAGCAGCGGCAGCTC
 Y Q M A A E E E E R R R R R M I S N R E S A R R S R M R K Q R Q L
 AGCGAGCTGAGGGGGCAGGTTGTCACCTCCGTGACGCCAACCGCCCTCCTTGATGAGCTCAACCAAGCAATGAGGGGCTGCAGTGATGTCCAC
 S E L R G Q V V H L R D A N R R L L D E L N Q A M R G C S D V H
 TCGGAGAACGCCCGGCTCAGGAAGGAGAGGGCCGAGCTCCAGACCAAGCTCGAGCACCTCATGCAAGCACAGAAGAATAACACCTCGCCGAGCTCC
 C E N A R L R K E R A E L Q T K L E H L M Q A Q K N N T S P S S
 TCACAGCCATGCGAGAATTTGATTACTGAATAATAAATCATTCTTAATTATCTCCTCATTTTAACACTACGAGGATTATTATTAGTATATCAAAAT
 S Q P C E N I *
 AAGACATGTTTTGAGATGCTTCCCTTCGGCTTCTGTTTTTTTTGTTTTATCTTTTATGTACGGGAATATTCTAACTGCCATTATTGACATCTTTTTG
 TCAAGGTGGCTAAGATAAATATGGATTGAGCCTATTGGCGAGTTGACATTGATTAGTAGCAATAACATATGGATATCGATGAGAAAACAAGAAGC
 TGCAGCAAAGTATAATAAAGAATTCTTAC

B

OsTFX1	76	EEERRRRRMISNRESARRSRMRKQRQQLSELRGQVVHLRDNRRLLDELNQAMRGCSDVHC
HORDEU	87	EEERRRRRMVSNRESARRSRMRKQRQQLSELWARVAHLRGNRRLLDELNRAMRSCGDVRR
Os8bZIP	119	EEERRRRRMVSNRESARRSRMRKQRQQLSELWAQVEHLRGNRRLLDELNRALRGCADVRR
AtbZIP48	71	LDERKQRRMLSNRESARRSRMRKQRHLDELWSQVIRLRNENCLIDKLN RVSETQNCVLK
AtbZIP8	44	DNERKRRR KVS NRESARRSRMRKQRHMEELWSMLVQLINKNKS LVD ELSQARECYEKVIE
Os2bZIP	71	NDERKKRRLVSNRESARRSRVRKQRRLDELSSQVSELRDTNQRLLVELNHMISKHARIVR
consensus	121	ER RR SNRESARRSR RKQR EL L N L d L