

A

1 CAC GAG CAA GGT TAG CTA TTC AGT CGC GAG TCG GGT TTT ACA AAG AGG TCG AGT
 57 AGC TGC GAC AAA CTA AAC ATG AGC GGC AAA GAT CCA GAT CAC ATT AAG AGG CCT
 M S G K D P **D H I K R P** 12
 111 ATG AAC GCT TTC ATG GTA TGG TCC AAA GAG AAA CGC AGA ACA ATG TCG CAA AAG
M N A F M V W S K E K R R T M S Q K 30
 165 AAC CCG AAG ATG CAC AAT TCT GAA ATC AGC AAA ATT TTG GGA GCG CAA TGG AAA
N P K M H N S E I S K I L G A Q W K 48
 219 AAA ATG CCC GAC GAG GAA AAG GCA AAA TAC ATT GAG GAA GCC AAG GCA CTG CAA
K M P D E E K A K Y I E E A K R L Q 66
 273 CAA GAA CAC AGT CAA AAA CAT CCC GAT TAC AAA TAC AAG CCG CGA CGC AAG AAG
Q E H S Q K H P D Y K Y K P R R R K 84
 327 CAG AAA CAA CTT ATA AAG AAG GCG ACT TAT TCG TCC CCT TAC ACG GAG ACG GAG
Q K Q L I K K A T Y S F P Y T G T E 102
 381 AAC GCG GCT CAC GCC GCG GCA GCA ATG AAG CTT TCG GCG TAC CCT CCA TCG ATG
 N A A H A A A A M K L S A Y P P S M 120
 435 GCG CCT GAT TCT ATG CAC TAT CAA CAG TAT TAT CAA ATG TCT CAA CAC GCT CCG
 1353 TTT GTT TAT GAC AAA AAC AGC TGA TTT AAG TGT TAT CGC TCC **AAT AAA** AGC ATG
 A P D S M H Y Q Q Y Y Q M S Q H A P 138
 1407 AAT ATT CTG TTA AAA AAA TTA AAA AAA AAA AAA AA
 489 TAT CCA ACT ATG TAC GAC ATG GCA GCC GTT CAC GCT CAA AGA CAA ACG CAT AGT
 Y P T M Y D M A A V H A Q R Q T H S 156

543 TTT TCG ACG CCA CCA AGC CAC GCT AAT AGC GTG CAC GAA TTA CCT TAC CCG GTG
 F S T P P S H A N S V H E L P Y P V 174
 597 CGT CCC AGC GAA ATG ATG ATT CCT ACA CCA ACT GGA CCA CAC GGC CAT CCG AGC
 R P S E M M I P T P T G P H G H P S 192
 651 CAC ATT TAC GGT TCA ACT ATG GAG TCA GGA CCT ACG ACA AGC GGT GTA TCG GCC
 H I Y G S T M E S G P T T S G V S A 210
 705 TTT ACA AAC GCG ACA CAG AAC ATT CAT GCT CAA CAA ATC GCC GAG GCA AGT CCA
 F T N A T Q N I H A Q Q I A E A S P 228
 759 CAG TAT CCT CAA CTC TAC ACT CAA CCG CAC GTA TAG TTC TGA CTG ACT TGT GTA
 Q Y P Q L Y T Q R H V * 239
 813 TCT AAC GGT ACA AAG GAA GCT TAT CTT TAC AAT CCG TAT GTC AAA TAG AAA TAT
 867 CTA CCT GCA TTT GAC ATT TCA ATG AAC TAG CTG ACT GCG TAT TTA CTT TTT TTC
 921 TGA AGA ACT TTG TAA ACA CTT GAT ACT CTG GCA TTA TTC TCA CTA AGT GAT ACT
 975 TTT CAC GAT CTC TTT TAT CGC GTC TTG AGC GAA TTT CTG GGC GTT ATC CTG GTT
 1029 TAT TGA TTA GCA AAT ATT GGA GTT ATA GAA AAG ATA ACA AAT TGA ATA ACG CCT
 1083 CCG ACC GCT TCT ATT CAA TTC AGA CAG AAG ATT ATA TTT TGA TCA CAA ACT GAT
 1137 TTG ACG CTT GCA CAT TTT AAG CAA ACT CGA CGT TGA TGA TCG AGA AGG TTA CGC
 1191 TTT ATT TCC CTA TTT ATT CAG CAT TTC GCA CCT CGC GTC AAG ATG CCG AAT AAG
 1245 ATC CTC TGT CGT TTT TTG GCA GTT GAA TCA AGT TTT TCA AGT TAT TGT AAA TTT
 1299 TAC TGC GAA CCA CTT GCA CCG CTG CCG TTA ATC ATG TTA GAG TGA AAA TTG GAT
 1353 TTT GTT TAT GAC AAA AAC AGC TGA TTT AAG TGT TAT CGC TCC **AAT AAA** AGC ATG
 1407 AAT ATT CTG TTA AAA AAA TTA AAA AAA AAA AAA AA

B

AmSoxBb 1
 NvSox3 1
 CeSoxB2 1
 DmSoxB2.1 1
 DmSoxB2.2 1
 DmSoxB2.3 1
 SpSoxB2 1
 ClSoxB2 1
 MmSox14 1
 GgSox14 1
 GgSox21 1
 DfSox21 1
 AmSoxBb 1
 NvSox3 1
 CeSoxB2 1
 DmSoxB2.1 1
 DmSoxB2.2 91
 DmSoxB2.3 1
 SpSoxB2 1
 ClSoxB2 1
 MmSox14 1
 GgSox14 1
 GgSox21 1
 DfSox21 1
 AmSoxBb 1
 NvSox3 1
 CeSoxB2 44
 DmSoxB2.1 35
 DmSoxB2.2 181
 DmSoxB2.3 54
 SpSoxB2 1
 ClSoxB2 1
 MmSox14 1
 GgSox14 1
 GgSox21 1
 DfSox21 1
 AmSoxBb 32
 NvSox3 32
 CeSoxB2 71
 DmSoxB2.1 165
 DmSoxB2.2 271
 DmSoxB2.3 144
 SpSoxB2 37
 ClSoxB2 35
 MmSox14 31
 GgSox14 31
 GgSox21 31
 DfSox21 31
 HMG domain group B motif
 AmSoxBb 119
 NvSox3 117
 CeSoxB2 128
 DmSoxB2.1 252
 DmSoxB2.2 358
 DmSoxB2.3 227
 SpSoxB2 123
 ClSoxB2 124
 MmSox14 110
 GgSox14 110
 GgSox21 111
 DfSox21 111
 AmSoxBb 197
 NvSox3 186
 CeSoxB2 190
 DmSoxB2.1 312
 DmSoxB2.2 431
 DmSoxB2.3 302
 SpSoxB2 196
 ClSoxB2 214
 MmSox14 176
 GgSox14 176
 GgSox21 206
 DfSox21 174
 AmSoxBb 232
 NvSox3 232
 CeSoxB2 232
 DmSoxB2.1 521
 DmSoxB2.2 521
 DmSoxB2.3 348
 SpSoxB2 242
 ClSoxB2 304
 MmSox14 212
 GgSox14 212
 GgSox21 252
 DfSox21 212