

B1

1a26 EEEEEETTHHHHHHGGGGGS-----S EEEEEEE GGGHHHHHHH S TTTTGG
 1a26 IFRIEREGESQRYKPFKQL-----HNRQLLW^HGSRTTNFAGILSQGLRIAPPEAVPT
 hs5 IQKVVNKKLRERFCHROKEVSEENHNHNNERMLF^HCGSP--FINAIIHKGFD---ERHAYI
 mm5 IQKVVNKKLRERFCHROKEVSEENHNHNNERMLF^HCGSP--FINAIIHKGFD---ERHAYI
 hs5 IQKVCNKKLWERYTHRRKEVSEENHNHANERMLF^HCGSP--FVNAIHKGFD---ERHAYI
 mm5 IQKVCNKKLWERYTHRRKEVSEENHNHANERMLF^HCGSP--FVNAIHKGFD---ERHAYI
 cons ***** *:***** ******---*:*****-----*****
 pr5 CEEEECHHHHHHHHHHHHHHHHHHHCCCCCEEEEECCC--HHHHHHCCCC---CCCCC
 conf 9032066799999999999987379875377874470--03788844888---466778

B2

α2

B3

1a26 GTTT SSEEESHHHHHTS----- SSS---- EEEEEEEEE SEEESS
 1a26 GYMF^GKGI^YFADMVSKSAN^YC-----HTSQAD----PIGLILLGEVALGNMYELKN
 hs5 GGMFGAGI^YFAENSSKSNQYVYGIGGGTGCPTHKDRSCYICHR^QMLFCRVTLGKSFLQFS
 mm5 GGMFGAGI^YFAENSSKSNQYVYGIGGGTGCPTHKDRSCYICHR^QMLFCRVTLGKSFLQFS
 hs5 GGMFGAGI^YFAENSSKSNQYVYGIGGGTGC^PVHKDRSCYICHR^QLLFCRVTLGKSFLQFS
 mm5 GGMFGAGI^YFAENSSKSNQYVYGIGGGTGC^PIHKDRSCYICHR^QLLFCRVTLGKSFLQFS
 cons **********:*****
 pr5 CCCCCCEEECCCCCCCCCCCCCCCCCCCCCCCCCEEEEEEECCCCEEECCC
 conf 88123855541244220000256655445543344443333168998860176121157

B4

B5

1a26 SS TT EEEE BEEE TTT EETTEEE EEE S S SBSB EEEES G
 1a26 ASHITKLPKGKHS^VKGLGKTAPDPTATTTLDGVEVPLGNGISTGINDTCLLYNE^EYIVYDV
 hs5 TMKMAHAPPGHHSVIGR-----PSVNG-----LAYA^EYVIYRG
 mm5 TMKMAHAPPGHHSVIGR-----PSVNG-----LAYA^EYVIYRG
 hs5 AMKMAHSPPGHHSVTGR-----PSVNG-----LALA^EYVIYRG
 mm5 AMKMAHSPPGHHSVTGR-----PSVNG-----LALA^EYVIYRG
 cons :*****:***** **-----*****-----** *
 pr5 CCCCCCCCCCCCCEEC-----CCCC-----CCCEEEEEEC
 conf 74478888788752546-----75788-----89870588768

B6

1a26 GGEEE EEEEEEEEE -----
 1a26 AOVNLK^YLLKLFNYKTS-----
 hs5 EQAYPEYLITYQIMKPEAPSQTATAAEQKT
 mm5 EQAYPEYLITYQIMKPEAPSQTATAAEQKT
 hs5 EQAYPEYLITYQIMRPEGMVDG-----
 mm5 EQAYPEYLITYQIVRPEGMVDG-----
 cons *****:***: :
 pr5 CEEEEEEEEEEEECCCCCCCCCCCCCCCC
 conf 652068989989822458876644110059