

: : ** * : . : : * . * : * :
 1mmC TKPYRGHR-FTKENVRILESWFAKNIENPYLDTKGLENLMKNTSLSRIQIKNWVSNRR---RKEKTITIAPEL
 1au7A RKRKR-RTTISIAAKDALERHFG---EHSKPSSQEIMRMAEELNLEKEVVRVWFCNRRQREKRVKT-SLNQSL
 1akhA KSPKG-KSSISPQARAFLEEVFR---RKQSLNSKEKEEVAKKCGITPLQVRVWFINKRMRSK-----
 1fj1A KQRRS-RTTFSASQLDELERAFE---RTQYPDIYTREELAQRTNLTEARIQVWFQNRRLARLRKQ----HTSVS
 1ftt MRRKR-RVLFSQAQVYELERRFK---QQKYL SAPEREHLASMIHLTPTQVKIWFQNHRYKMKRQAK-DKAAQQ
 1ftz MDSKRTRQTYTRYQTLELEKEFH---FNRYITRRRRIDIANALSLSERQIKIWFQNRMRKSKKDRTLDS SPEH

a)

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 1mmC TKPYRGHR-FTKENVRI--LESWFAKNIENPYLDTKGLENLMKNTSLS--RIQIKNWVSNRR---RKEKTITIAPEL
 1au7A RKRKR-RTTISIA-AK-DALERHFG-GEH-SKPS--SQEIMRMAEELNL-EKEV-VRVWFCNRRQR-EKRVKTSLNQSL
 1akhA -KSPKGKSSIS-PQARAF-LEEVF-RRKQ--SLNSKEKEEVAKKCGITP--LQVRVWFINKRMRSK-----
 1fj1A -KQRRSRTTFSASQ--LDELERAFER-TQYPDIYTR--EELAQRTNLTEARIQV--WFQNRRLARLRKQH--T-SVS-
 1ftt MRRKR-RVLFS--QAQVYELERRF-KQK--YLSAPEREHLASMIHLTPT--QVKIWFQNHRYKMKRQAKDKAA-QQ
 1ftz MDSKRTRQTYTRYQT-L-ELEKEFHFN-R--YITRRRRIDIANALSLSER--QIKIWFQNRMRKSKKDRTLDS SPEH

b)