```
logo

NTDB id 997225 ABC799 RS00285 WP 000649971.1   MKCLLCGQTMKTVLTFSSLLLLRNDDSCLCSDCDSTFERIGEENCPNCMKTELSTKCQDCQLWCKEGVEVSHRAIFTYNQ   80
NTDB id 168 SP RS11270 WP 000649971.1          MKCLLCGQTMKTVLTFSSLLLLRNDDSCLCSDCDSTFERIGEENCPNCMKTELSTKCQDCQLWCKEGVEVSHRAIFTYNQ   80
NTDB id 278 KZH43 RS10085 WP 000649974.1       MKCLLCGQTMKTVLTFSSLLLLRNDDSCLCSDCDSTFERIGEENCPNCMKTELSTKCQDCQLWCKEGVGVSHRAIFTYNQ   80
NTDB id 237 SPD RS10760 WP 000649974.1         MKCLLCGQTMKTVLTFSSLLLLRNDDSCLCSDCDSTFERIGEENCPNCMKTELSTKCQDCQLWCKEGVGVSHRAIFTYNQ   80
NTDB id 203 SPR RS10245 WP 000649974.1         MKCLLCGQTMKTVLTFSSLLLLRNDDSCLCSDCDSTFERIGEENCPNCMKTELSTKCQDCQLWCKEGVGVSHRAIFTYNQ   80
NTDB id 508 SM12261 RS09235 WP 000649953.1     MKCLLCGQTMKAVLTFSSLLLLKNDASCLCLDCDSTFERIGEENCPNCMKTDLSMKCQDCQLWCKEGVEVSHRAIFIYNQ   80
NTDB id 536 SMSK321 RS0102865 WP 000649958.1   MKCLLCGQTMKAVLTFSSLLLLRNDVSCLCLDCDSTFERIGEENCPNCMKTALSTQCQDCQFWCKEGVEVSHRAIFIYNQ   80
consensus                                      !!!!!!!!!!!*!!!!!!!!!!*!!*!!!!*!!!!!!!!!!!!!!!!!!!!!*!!**!!!!!!*!!!!!!!*!!!!!!!!*!!!

logo

NTDB id 997225 ABC799 RS00285 WP 000649971.1   AMKDFFSRYKFDGDFLLRKVFASFLSEELKKYKEYQFVVIPLSPDRYANRGFNQVEGLVEAAGFEYLDLLEKREERASSS   160
NTDB id 168 SP RS11270 WP 000649971.1          AMKDFFSRYKFDGDFLLRKVFASFLSEELKKYKEYQFVVIPLSPDRYANRGFNQVEGLVEAAGFEYLDLLEKREERASSS   160
NTDB id 278 KZH43 RS10085 WP 000649974.1       AMKDFFSRYKFDGDFLLRKVFASFLSEELKKYKEYQFVVIPLSPDRYANRGFNQVEGLVEAAGFEYLDLLEKREERASSS   160
NTDB id 237 SPD RS10760 WP 000649974.1         AMKDFFSRYKFDGDFLLRKVFASFLSEELKKYKEYQFVVIPLSPDRYANRGFNQVEGLVEAAGFEYLDLLEKREERASSS   160
NTDB id 203 SPR RS10245 WP 000649974.1         AMKDFFSRYKFDGDFLLRKVFASFLSEELKKYKEYQFVVIPLSPDRYANRGFNQVEGLVEAAGFEYLDLLEKREERASSS   160
NTDB id 508 SM12261 RS09235 WP 000649953.1     AMKDFFSRYKFDGDFLLRKVFASVLSEELKKYKEYQFVVIPLSPERLLERGFNQVEGLVEAAGFAYLDLLEKREERASSS   160
NTDB id 536 SMSK321 RS0102865 WP 000649958.1   AMKDFFSRYKFDGDFLLRKVFASVLSEELKKYKEYQFVVIPLSPERLLERGFNQVEGLVEAAGFSFQELLEKREERASSS   160
consensus                                      !!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!*!***!!!!!!!!!!!!!!!!!*****!!!!!!!!!!!!

logo

NTDB id 997225 ABC799 RS00285 WP 000649971.1   KNRSERLGTELPFFIKSGVTIPKKILLIDDIYTTGATINRVKKLLEEAGAKDVKTFSLVR   220
NTDB id 168 SP RS11270 WP 000649971.1          KNRSERLGTELPFFIKSGVTIPKKILLIDDIYTTGATINRVKKLLEEAGAKDVKTFSLVR   220
NTDB id 278 KZH43 RS10085 WP 000649974.1       KNRSERLGTELPFFIKSGVTIPKKILLIDDIYTTGATINRVKKLLEEAGAKDVKTFSLVR   220
NTDB id 237 SPD RS10760 WP 000649974.1         KNRSERLGTELPFFIKSGVTIPKKILLIDDIYTTGATINRVKKLLEEAGAKDVKTFSLVR   220
NTDB id 203 SPR RS10245 WP 000649974.1         KNRSERLGTELPFFIKSGVTIPKKILLIDDIYTTGATINRVKKLLEEAGAKDVKTFSLVR   220
NTDB id 508 SM12261 RS09235 WP 000649953.1     KSRSERLETEFPFFIKSGVTIPKKILLIDDIYTTGTTINRVKKLLEEAGAEDVKTFSLVR   220
NTDB id 536 SMSK321 RS0102865 WP 000649958.1   KNRSERLGTELPFFIKRGVTIPKKILLIDDIYTTGSTINRVKKLLEEAGAEDVKTFSLVR   220
consensus                                      !*!!!!!*!!*!!!!!!*!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!*!!!!!!!!!!
```

X non conserved

X similar

X $\geq$ 50% conserved