```
logo

NTDB id 168 SP RS11270 WP 000649971.1          MKCLLCGQTMKTVLTFSSLLLLRNDDSCLCSDCDSTFERIGEENCPNCMKTELSTKCQDCQLWCKEGVEVSHRAIFTYNQ   80
NTDB id 34210 MYY RS11220 WP 000649968.1       MKCLLCGQTMKTVLTFSSLLLLRNDDSCLCSDCDSTFERIGEENCPNCMKTELSTKCQDCQFWCKEGVGVSHRAIFTYNQ   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 536 SMSK321 RS0102865 WP 000649958.1  MKCLLCGQTMKAVLTFSSLLLLRNDVSCLCLDCDSTFERIGEENCPNCMKTALSTQCQDCQFWCKEGVEVSHRAIFIYNQ   80
NTDB id 508 SM12261 RS09235 WP 000649953.1    MKCLLCGQTMKAVLTFSSLLLLKNDASCLCLDCDSTFERIGEENCPNCMKTDLSMKCQDCQLWCKEGVEVSHRAIFIYNQ   80
consensus                                      !!!!!!!!!!!*!!!!!!!!!!*!!*!!!!*!!!!!!!!!!!!!!!!!!!!!*!!**!!!!!*!!!!!!*!!!!!!!*!!!

logo

NTDB id 168 SP RS11270 WP 000649971.1          AMKDFFSRYKFDGDFLLRKVFASFLSEELKKYKEYQFVVIPLSPDRYANRGFNQVEGLVEAAGFEYLDLLEKREERASSS  160
NTDB id 34210 MYY RS11220 WP 000649968.1       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 536 SMSK321 RS0102865 WP 000649958.1  AMKDFFSRYKFDGDFLLRKVFASVLSEELKKYKEYQFVVIPLSPERLLERGFNQVEGLVEAAGFSFQELLEKREERASSS  160
NTDB id 508 SM12261 RS09235 WP 000649953.1    AMKDFFSRYKFDGDFLLRKVFASVLSEELKKYKEYQFVVIPLSPERLLERGFNQVEGLVEAAGFAYLDLLEKREERASSS  160
consensus                                      !!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!*!***!!!!!!!!!!!!!!!!!*****!!!!!!!!!!!!

logo

NTDB id 168 SP RS11270 WP 000649971.1          KNRSERLGTELPFFIKSGVTIPKKILLIDDIYTTGATINRVKKLLEEAGAKDVKTFSLVR   220
NTDB id 34210 MYY RS11220 WP 000649968.1       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 536 SMSK321 RS0102865 WP 000649958.1  KNRSERLGTELPFFIKRGVTIPKKILLIDDIYTTGSTINRVKKLLEEAGAEDVKTFSLVR   220
NTDB id 508 SM12261 RS09235 WP 000649953.1    KSRSERLETEFPFFIKSGVTIPKKILLIDDIYTTGTTINRVKKLLEEAGAEDVKTFSLVR   220
consensus                                      !*!!!!!*!!*!!!!!!*!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!*!!!!!!!!!!
```

X non conserved

X similar

X $\geq$ 50% conserved