```
logo

NTDB id 34608 SSU RS02120 WP 004194119.1      MSNCLLCGQAMKNKTRFSDLIFFSKEKSGICEECFSTFEEIAEQHCPHCYKNGESESCKDCQYWQNQGKPVVHTALYQYN   80
NTDB id 168 SP RS11270 WP 000649971.1         .MKCLLCGQTMKTVLTFSSLLLLRNDDSCLCSDCDSTFERIGEENCPNCMKTELSTKCQDCQLWCKEGVEVSHRAIFTYN   79
NTDB id 278 KZH43 RS10085 WP 000649974.1      .MKCLLCGQTMKTVLTFSSLLLLRNDDSCLCSDCDSTFERIGEENCPNCMKTELSTKCQDCQLWCKEGVGVSHRAIFTYN   79
NTDB id 237 SPD RS10760 WP 000649974.1        .MKCLLCGQTMKTVLTFSSLLLLRNDDSCLCSDCDSTFERIGEENCPNCMKTELSTKCQDCQLWCKEGVGVSHRAIFTYN   79
NTDB id 203 SPR RS10245 WP 000649974.1        .MKCLLCGQTMKTVLTFSSLLLLRNDDSCLCSDCDSTFERIGEENCPNCMKTELSTKCQDCQLWCKEGVGVSHRAIFTYN   79
NTDB id 536 SMSK321 RS0102865 WP 000649958.1  .MKCLLCGQTMKAVLTFSSLLLLRNDVSCLCLDCDSTFERIGEENCPNCMKTALSTQCQDCQFWCKEGVEVSHRAIFIYN   79
NTDB id 508 SM12261 RS09235 WP 000649953.1    .MKCLLCGQTMKAVLTFSSLLLLKNDASCLCLDCDSTFERIGEENCPNCMKTDLSMKCQDCQLWCKEGVEVSHRAIFIYN   79
consensus                                      **!!!!!!*!!****!!*!*******!**!**!*!!!!*!*!**!!*!*!***!**!*!!!*!***!*  !*!*!***!!

logo

NTDB id 34608 SSU RS02120 WP 004194119.1      QAMAHYFSRYKFQGDYVLRNIFAKKLRIALSQFPDYTIVPIPISQKRLSERGFNQVEGLLDATNIPYQSLLGKYESQKQS  160
NTDB id 168 SP RS11270 WP 000649971.1         QAMKDFFSRYKFDGDFLLRKVFASFLSEELKKYKEYQFVVIPLSPDRYANRGFNQVEGLVEAAGFEYLDLLEKREERASS  159
NTDB id 278 KZH43 RS10085 WP 000649974.1      QAMKDFFSRYKFDGDFLLRKVFASFLSEELKKYKEYQFVVIPLSPDRYANRGFNQVEGLVEAAGFEYLDLLEKREERASS  159
NTDB id 237 SPD RS10760 WP 000649974.1        QAMKDFFSRYKFDGDFLLRKVFASFLSEELKKYKEYQFVVIPLSPDRYANRGFNQVEGLVEAAGFEYLDLLEKREERASS  159
NTDB id 203 SPR RS10245 WP 000649974.1        QAMKDFFSRYKFDGDFLLRKVFASFLSEELKKYKEYQFVVIPLSPDRYANRGFNQVEGLVEAAGFEYLDLLEKREERASS  159
NTDB id 536 SMSK321 RS0102865 WP 000649958.1  QAMKDFFSRYKFDGDFLLRKVFASVLSEELKKYKEYQFVVIPLSPERLLERGFNQVEGLVEAAGFSFQELLEKREERASS  159
NTDB id 508 SM12261 RS09235 WP 000649953.1    QAMKDFFSRYKFDGDFLLRKVFASVLSEELKKYKEYQFVVIPLSPERLLERGFNQVEGLVEAAGFAYLDLLEKREERASS  159
consensus                                     !!!***!!!!!!*!!**!!**!!**!***!*****!**!*!!*!**!***!!!!!!!!!**!*******!!*!*!****!

logo

NTDB id 34608 SSU RS02120 WP 004194119.1      SKNRAERLEAKQMFYLLDEKEVPEKILLFDDIYTTGATIQLAVELFMKIGRKEIKTFSLTR  221
NTDB id 168 SP RS11270 WP 000649971.1         SKNRSERLGTELPFFIKSGVTIPKKILLIDDIYTTGATINRVKKLLEEAGAKDVKTFSLVR  220
NTDB id 278 KZH43 RS10085 WP 000649974.1      SKNRSERLGTELPFFIKSGVTIPKKILLIDDIYTTGATINRVKKLLEEAGAKDVKTFSLVR  220
NTDB id 237 SPD RS10760 WP 000649974.1        SKNRSERLGTELPFFIKSGVTIPKKILLIDDIYTTGATINRVKKLLEEAGAKDVKTFSLVR  220
NTDB id 203 SPR RS10245 WP 000649974.1        SKNRSERLGTELPFFIKSGVTIPKKILLIDDIYTTGATINRVKKLLEEAGAKDVKTFSLVR  220
NTDB id 536 SMSK321 RS0102865 WP 000649958.1  SKNRSERLGTELPFFIKRGVTIPKKILLIDDIYTTGSTINRVKKLLEEAGAEDVKTFSLVR  220
NTDB id 508 SM12261 RS09235 WP 000649953.1    SKSRSERLETEFPFFIKSGVTIPKKILLIDDIYTTGTTINRVKKLLEEAGAEDVKTFSLVR  220
consensus                                     !!*!*!!!*****!*********!*!!!!*!!!!!!!*!!*****!****!****!!!!!*!
```

X non conserved

X similar

X $\geq$ 50% conserved