```
logo

NTDB id 358840 E8M06 RS02380 WP 105156084.1   MSNCLLCGQAMKNKIRFSDLIFFSKEKSGTCEECFSTFEEIAEQHCPHCYKNGESESCKDCQYWQNQGKPVVHTALYQYN   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 358840 E8M06 RS02380 WP 105156084.1   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 358840 E8M06 RS02380 WP 105156084.1   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                                     !!*!*!!!*****!*********!*!!!!*!!!!!!!*!!*****!****!****!!!!!*!
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X non conserved

X similar

X $\geq$ 50% conserved