```
logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 591 KW2 RS10830 WP 014735174.1      .........MKLKIRAFTLLECLVALLAISGSVLVISGLTRMIEEQMKISQNDSRKDWQIFCEQMRSELSGAKLDNVNQNFLYVT    76
NTDB id 399 FSA28 RS09380 WP 002264245.1    ........MLKSKLKAFTLLECLLALLVIAGSVSVYNGLTKAISSNIHYLSKNQEDAWLLFCQQFRSELEGTTLQKLDSNKLYVQ    77
NTDB id 390 SMU RS09010 WP 002263440.1      ........MLKSKLKAFTLLECLLALLVIAGSVSVYNGLTKAISSNIHYLSKNQEDAWLLFCQQFRSELEGTTLQKLDSNKLYIQ    77
NTDB id 49670 SSU12 RS00805 WP 011922561.1 ........MLKSKIPAFTLLECLVVLVILSGSLLIFEGLSKLLVQEAHYQGQTVQKEWLVFSSQLRSEWDQAELVKVENGKVYVN    77
NTDB id 275 KZH43 RS09240 WP 000250534.1    MVQNSCWQSKSHKVKAFTLLESLLALIVISGGLLLFQAMSQLLISEVRYQQQSEQKEWLLFVDQLEVELDRSQFEKVEGNRLYMK    85
NTDB id 234 SPD RS09870 WP 000250534.1      MVQNSCWQSKSHKVKAFTLLESLLALIVISGGLLLFQAMSQLLISEVRYQQQSEQKEWLLFVDQLEVELDRSQFEKVEGNRLYMK    85
NTDB id 200 SPR RS09405 WP 000250534.1      MVQNSCWQSKSHKVKAFTLLESLLALIVISGGLLLFQAMSQLLISEVRYQQQSEQKEWLLFVDQLEVELDRSQFEKVEGNRLYMK    85
NTDB id 165 SP RS10355 WP 000250534.1       MVQNSCWQSKSHKVKAFTLLESLLALIVISGGLLLFQAMSQLLISEVRYQQQSEQKEWLLFVDQLEVELDRSQFEKVEGNRLYMK    85
NTDB id 505 SM12261 RS00970 WP 000250509.1 MVQNSCWLSKSHKIKAFTLLESLIALIVISGSLLLFQAMSQLLISEVRYQQQSEQKEWLLFVDQLEAELDRSQFEKVEGDRIYMK    85
NTDB id 533 SMSK321 RS09215 WP 000250512.1 MVQNSCWLSKSHKVKAFTLLESLIALIVISGSLLLFQAMSQLLISEVRYQQQSEQKEWLLFVDQLEAELDRSQFEKIEGNRIYMK    85
consensus                                   ******* ****!**!!!!!!*!**!****!**********************!**!**!** !***************!**
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logo
                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 591 KW2 RS10830 WP 014735174.1      KDKK.LRFGL.VGDDFRKSDDKGQGYQPMLYDLKGAKIQAEENLIKITIDFDNGGERVFIYRFTDTK.    141
NTDB id 399 FSA28 RS09380 WP 002264245.1    KNNQSLAFGKSKASDFRKTNSDGRGYQPMLTEIKAANFSQSGKIIKLDLTFKDGLERTFVYAFHEKN.    144
NTDB id 390 SMU RS09010 WP 002263440.1      KNNQSLAFGKSKASDFRKTNSDGRGYQPMLTEIKAANFSQSGKIIKLDLTFKDGLERTFVYAFHEKN.    144
NTDB id 49670 SSU12 RS00805 WP 011922561.1 KGEQALAFGKSWSDDFRKTNDRGQGYQPMLYQVDSAAISQENQLVRIDFSFKNGEERTFIYAFKEKS.    144
NTDB id 275 KZH43 RS09240 WP 000250534.1    QDGKDIAIGKSKSDDFRKTNARGRGYQPMVYGLKSVRITEDNQLVRFHFQFQKGLEREFIYRVEKEKS    153
NTDB id 234 SPD RS09870 WP 000250534.1      QDGKDIAIGKSKSDDFRKTNARGRGYQPMVYGLKSVRITEDNQLVRFHFQFQKGLEREFIYRVEKEKS    153
NTDB id 200 SPR RS09405 WP 000250534.1      QDGKDIAIGKSKSDDFRKTNARGRGYQPMVYGLKSVRITEDNQLVRFHFQFQKGLEREFIYRVEKEKS    153
NTDB id 165 SP RS10355 WP 000250534.1       QDGKDIAIGKSKSDDFRKTNARGRGYQPMVYGLKSVRITEDNQLVRFHFQFQKGLEREFIYRVEKEKS    153
NTDB id 505 SM12261 RS00970 WP 000250509.1 QDGKEIAIGKSKSDDFRKTDASGRGYQPMVYGLKSAQITEENQVVRFRFQFQKGLEREFIYRVEKAKS    153
NTDB id 533 SMSK321 RS09215 WP 000250512.1 QDGKDISIGKLKSDDFRKTDASGRGYQPMVYGLKSAQITEDNQLVRFRFQFQKGLEREFIYRVEKAKS    153
consensus                                   ********!*****!!!!****!*!!!!!*****************  **!**!*!!*!*!**** **
```

X non conserved

X similar

X ≥ 50% conserved