```
logo
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
NTDB id 591 KW2 RS10830 WP 014735174.1      .........MKLKIRAFTLLECLVALLAISGSVLVISGLIRMIEEQMKISQNDSRKDWQIFCEQMRSELSGAKLDNVNQNFLYVT   76
NTDB id 22167 SPYM3 RS00670 WP 002992738.1  ......MSKQLSNIKAFTLLEALIALLVISGSLLVYQGLIQTLLKRSHYLARHDQDNWLLFSHQLREELSGARFYKVADNKLYVE   79
NTDB id 399 FSA28 RS09380 WP 002264245.1    ........MLKSKLKAFTLLECLLALLVIAGSVSVYNGLIKAISSNIHYLSKNQEDAWLLFCQQFRSELEGTTLQKLDSNKLYVQ   77
NTDB id 390 SMU RS09010 WP 002263440.1      ........MLKSKLKAFTLLECLLALLVIAGSVSVYNGLIKAISSNIHYLSKNQEDAWLLFCQQFRSELEGTTLQKLDSNKLYIQ   77
consensus                                   ******* ******!!!!!!*!*!!**!*!*************************!**!**!** !!**************!**
```

```
logo
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
NTDB id 591 KW2 RS10830 WP 014735174.1      KDKK.LRFGL.VGDDFRKSDDKGQGYQPMLYDLKGAKIQAEENLIKITIDFDNGGERVFIYRFTDTK.   141
NTDB id 22167 SPYM3 RS00670 WP 002992738.1  KGKKVLAFGQFKSHDFRKSASNGKGYQPMLFGISRSHIHIEQSQICITLKWKSGLERTFYYAFQD...   144
NTDB id 399 FSA28 RS09380 WP 002264245.1    KNNQSLAFGKSKASDFRKTNSDGRGYQPMLTEIKAANFSQSGKIIKLDLTFKDGLERTFVYAFHEKN.   144
NTDB id 390 SMU RS09010 WP 002263440.1      KNNQSLAFGKSKASDFRKTNSDGRGYQPMLTEIKAANFSQSGKIIKLDLTFKDGLERTFVYAFHEKN.   144
consensus                                   ********!*****!!!!****!*!!!!!******************* *****!*!!*!*!**** **
```

X non conserved

X similar

X ≥ 50% conserved