```
logo
NTDB id 591 KW2 RS10830 WP 014735174.1      ............MKLKIRAFTLLECLVALLAISGSVLVISGLTRMIEEQMKISQNDSRKDWQIFCEQMRSELSGAKLDNVNQNFL   73
NTDB id 275 KZH43 RS09240 WP 000250534.1    ...MVQNSCWQSKSHKVKAFTLLESLLALIVISGGLLLFQAMSQLLISEVRYQQQSEQKEWLLFVDQLEVELDRSQFEKVEGNRL   82
NTDB id 234 SPD RS09870 WP 000250534.1      ...MVQNSCWQSKSHKVKAFTLLESLLALIVISGGLLLFQAMSQLLISEVRYQQQSEQKEWLLFVDQLEVELDRSQFEKVEGNRL   82
NTDB id 200 SPR RS09405 WP 000250534.1      ...MVQNSCWQSKSHKVKAFTLLESLLALIVISGGLLLFQAMSQLLISEVRYQQQSEQKEWLLFVDQLEVELDRSQFEKVEGNRL   82
NTDB id 165 SP RS10355 WP 000250534.1       ...MVQNSCWQSKSHKVKAFTLLESLLALIVISGGLLLFQAMSQLLISEVRYQQQSEQKEWLLFVDQLEVELDRSQFEKVEGNRL   82
NTDB id 505 SM12261 RS00970 WP 000250509.1 ...MVQNSCWLSKSHKIKAFTLLESLIALIVISGSLLLFQAMSQLLISEVRYQQQSEQKEWLLFVDQLEAELDRSQFEKVEGDRI   82
NTDB id 533 SMSK321 RS09215 WP 000250512.1 ...MVQNSCWLSKSHKVKAFTLLESLIALIVISGSLLLFQAMSQLLISEVRYQQQSEQKEWLLFVDQLEAELDRSQFEKIEGNRI   82
NTDB id 36169 GALLO RS00655 WP 012961330.1 MFMRGKRKYYTLKKTSLKAFTLIECLVSLLVISGAILVYNALTQSISANVHYLSENQEENWLLFSQQLRAELANCQLDKVENNKL   85
NTDB id 399 FSA28 RS09380 WP 002264245.1    ...........MLKSKLKAFTLLECLLALLVIAGSVSVYNGLTKAISSNIHYLSKNQEDAWLLFCQQFRSELEGTTLQKLDSNKL   74
NTDB id 390 SMU RS09010 WP 002263440.1      ...........MLKSKLKAFTLLECLLALLVIAGSVSVYNGLTKAISSNIHYLSKNQEDAWLLFCQQFRSELEGTTLQKLDSNKL   74
consensus                                     ******* *******!!!!*!*!**!**!*!**********************!**!**!** !!*************
```

```
logo
NTDB id 591 KW2 RS10830 WP 014735174.1      YVTKDK.KLRFGL.VGDDFRKSDDKGQGYQPMLYDLKGAKIQAEENLIKITIDFDNGGERVFIYRFTDTK.   141
NTDB id 275 KZH43 RS09240 WP 000250534.1    YMKQDGKDIAIGKSKSDDFRKTNARGRGYQPMVYGLKSVRITEDNQLVRFHFQFQKGLEREFIYRVEKEKS   153
NTDB id 234 SPD RS09870 WP 000250534.1      YMKQDGKDIAIGKSKSDDFRKTNARGRGYQPMVYGLKSVRITEDNQLVRFHFQFQKGLEREFIYRVEKEKS   153
NTDB id 200 SPR RS09405 WP 000250534.1      YMKQDGKDIAIGKSKSDDFRKTNARGRGYQPMVYGLKSVRITEDNQLVRFHFQFQKGLEREFIYRVEKEKS   153
NTDB id 165 SP RS10355 WP 000250534.1       YMKQDGKDIAIGKSKSDDFRKTNARGRGYQPMVYGLKSVRITEDNQLVRFHFQFQKGLEREFIYRVEKEKS   153
NTDB id 505 SM12261 RS00970 WP 000250509.1 YMKQDGKEIAIGKSKSDDFRKTDASGRGYQPMVYGLKSAQITEENQVVRFRFQFQKGLEREFIYRVEKAKS   153
NTDB id 533 SMSK321 RS09215 WP 000250512.1 YMKQDGKDISIGKLKSDDFRKTDASGRGYQPMVYGLKSAQITEDNQLVRFRFQFQKGLEREFIYRVEKAKS   153
NTDB id 36169 GALLO RS00655 WP 012961330.1 YVTKSSQKLAFGQSKADDFRKTNASGQGYQPMIFGVKSSAISRDGQKVTMTLNLENGLERTFVYTFETAS.   155
NTDB id 399 FSA28 RS09380 WP 002264245.1   YVQKNNQSLAFGKSKASDFRKTNSDGRGYQPMLTEIKAANFSQSGKIIKLDLTFKDGLERTFVYAFHEKN.   144
NTDB id 390 SMU RS09010 WP 002263440.1     YIQKNNQSLAFGKSKASDFRKTNSDGRGYQPMLTEIKAANFSQSGKIIKLDLTFKDGLERTFVYAFHEKN.   144
consensus                                  !**********!*****!!!!****!*!!!!!****!************* ******!*!!*!*!**** **
```

X non conserved

X similar

X ≥ 50% conserved