```
logo
```

```
NTDB id 1103 NMB RS07590 WP 002212976.1         ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDRN.GQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYL   76
NTDB id 1131 NGFG RS05740 WP 003695064.1        ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDRN.GQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYL   76
NTDB id 1390 A4U84 RS00055 WP 021115958.1       ..MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFRRQAEVAGQYLRKGSKVYV   78
NTDB id 386595 F1E05 RS10710 WP 150048302.1     ....MLNKVMLIGRLGADPEVRFMPSGDQITTIRLATSRRWKDRNTGERKEETEWHRVVFFGQTAKVASDYLRKGSQVYV   76
NTDB id 1166 A1552VC RS00795 WP 000168289.1     MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYGKLAEVAGEYLRKGSQVYI   80
consensus                                            *!!!***!*!! !!**!*!!*!*** ****!!!**!*!***!***!*!!!!********!**!**!!*!!* !!*
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logo
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NTDB id 1103 NMB RS07590 WP 002212976.1         EGRIQSRKYQGKDGIERTAYDIVANEMKMLGGRNENS...GGAPYEEGY......GQSQEAYQRPAQQSRQPASDAPSHP   147
NTDB id 1131 NGFG RS05740 WP 003695064.1        EGRIQSRKYQGKDGIERTAYDIVANEMKMLGGRNENS...GGAPYDEGY......GQSQEAYQRPAQQSRQPAPDAPSHP   147
NTDB id 1390 A4U84 RS00055 WP 021115958.1       EGKLKTRKWQDQNGQDRYTTEIQGDVLQMLDSRSSGGDFGGN.QGSGWNQAPAQTNYNQGGYSDNYAQ....NNNFNGGN   153
NTDB id 386595 F1E05 RS10710 WP 150048302.1     EGRIRTQKWQGQDGQDRYTTEIVGETMNMLDSRSGGTASYADTAPPPGR..................D....ADNRPPAS   134
NTDB id 1166 A1552VC RS00795 WP 000168289.1     EGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQGGMPAQGGMNVPA....QQGSWGQPQQP....AKQHQPMQ   152
consensus                                       !!*****!*!***!**!******** ****  *  **   ** *   *          * **  * **    * * *
```

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logo
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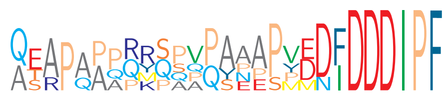

```
NTDB id 1103 NMB RS07590 WP 002212976.1         QEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1131 NGFG RS05740 WP 003695064.1        QEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1390 A4U84 RS00055 WP 021115958.1       ATRPQPAQKPAAQAEPPMDNFDDDIPF   180
NTDB id 386595 F1E05 RS10710 WP 150048302.1     A......PMSSQPSPASYDDFDDDIPF   155
NTDB id 1166 A1552VC RS00795 WP 000168289.1     QSA..PQQYSQPQYNEPPMDFDDDIPF   177
consensus                                       * **    *   ** ******!!!!!!
```

- X non conserved
- X similar
- X $\geq$ 50% conserved