logo

```
NTDB id 1103 NMB RS07590 WP 002212976.1   MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDRNGQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYLEGRIQSRKY   85
NTDB id 1131 NGFG RS05740 WP 003695064.1  MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDRNGQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYLEGRIQSRKY   85
NTDB id 624 LCA RS00040 WP 011373726.1    .MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANGDRE..ADFINCVIWRKSAENFANFTKKGSLVGVDGRLQTRNY   82
NTDB id 48415 PPM RS26295 WP 010346813.1  .MLNRVILIGRLTKDPELRYTPSGVAVTQFTLAVDRPFTSQGGERE..ADFLPIVTWRQLAETCANYLRKGRLTAVEGRVQVRNY   82
NTDB id 113 BSU 40900 NP 391970.1         .MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSGERE..ADFINCVTWRRQAENVANFLKKGSLAGVDGRLQTRNY   82
consensus                                  **!*!*!*!!!**!***!!***!  !!  *!**!*  ****   *!*!*   **********!**!!   *****!!  !****!!*!*!*!
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logo

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NTDB id 1103 NMB RS07590 WP 002212976.1   QGKDGIERTAYDIVANEMKMLGGRNENSGGAP..YEEGY.............GQSQEAYQRPAQQS.RQPASDAPSHPQEAPAAP   154
NTDB id 1131 NGFG RS05740 WP 003695064.1  QGKDGIERTAYDIVANEMKMLGGRNENSGGAP..YDEGY.............GQSQEAYQRPAQQS.RQPAPDAPSHPQEAPAAP   154
NTDB id 624 LCA RS00040 WP 011373726.1    ENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDGASQNFNSNQSNGSQQS.......GFTSP.QQTGNAP...AANNTQADPFA.   155
NTDB id 48415 PPM RS26295 WP 010346813.1  ENNFGKRVYVTEIVADNVRFLESNRDSGNGGG.....N.........SGGGMREESPFGGGNSNSGRGN...NNSRNNQDPFS.   148
NTDB id 113 BSU 40900 NP 391970.1         ENQQGQRVFVTEVQAESVQFLEPKNGGGSGSG.....GYNEGNSGGGQYFGGGQNDNPFGGNQNNQ.RRN...QGNSFNDDPFA.   157
consensus                                 ****! ********** ***!* ***   ***      **              **   **  * *** * *   * *  ***!**
```

logo

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NTDB id 1103 NMB RS07590 WP 002212976.1   RRQPVPAAAPVEDIDDDIPF   174
NTDB id 1131 NGFG RS05740 WP 003695064.1  RRQPVPAAAPVEDIDDDIPF   174
NTDB id 624 LCA RS00040 WP 011373726.1    .....NNGQAIDISDDDLPF   170
NTDB id 48415 PPM RS26295 WP 010346813.1  .....DDGKPIDISDDDLPF   163
NTDB id 113 BSU 40900 NP 391970.1         .....NDGKPIDISDDDLPF   172
consensus                                      * *****!!!*!!
```

X non conserved

X similar

X ≥ 50% conserved