logo

```
NTDB id 1131 NGFG RS05740 WP 003695064.1     ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDR.NGQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYL   76
NTDB id 1103 NMB RS07590 WP 002212976.1      ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDR.NGQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYL   76
NTDB id 1166 A1552VC RS00795 WP 000168289.1  MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYGKLAEVAGEYLRKGSQVYI   80
NTDB id 321141 EAG14 RS00485 WP 099742431.1  ..MASINKVIIVGNLGRDPEMRTFPSGDQVANVTIATTDKWKDKQTGEMKEATEWHRVVFNGRLAEIVGQYLRKGSQVYV   78
NTDB id 1390 A4U84 RS00055 WP 021115958.1    ..MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFRRQAEVAGQYLRKGSKVYV   78
consensus                                         **!!!!**!*!!*!!**!**!*!**!**!***!!***!*!* *!***!*!!!!********!!**!*!!!*!!*  !!*
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logo

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NTDB id 1131 NGFG RS05740 WP 003695064.1     EGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGAP..................YDEGYGQSQEAYQRP   132
NTDB id 1103 NMB RS07590 WP 002212976.1      EGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGAP..................YEEGYGQSQEAYQRP   132
NTDB id 1166 A1552VC RS00795 WP 000168289.1  EGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQGGMPA...QGGMNVPAQ.....QGSWG...........QP   141
NTDB id 321141 EAG14 RS00485 WP 099742431.1  EGSLRTRKWTDQAGVEKYSTEIRA....DQMQMLGGRQGMGGQGGGQQGGGYD.........DGGYGGGGDQGGGYDQAP   145
NTDB id 1390 A4U84 RS00055 WP 021115958.1    EGKLKTRKWQDQNGQDRYTTEIQG....DVLQMLDSRSSGGDF.GGNQGSGWNQAPAQTNYNQGGYSDNYAQNNNFNGG.   152
consensus                                    !!*****!!**** !*********      **!!**!* *** **      *                * * ***** *    * *
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NTDB id 1131 NGFG RS05740 WP 003695064.1     AQQSRQPAPDAPSHPQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1103 NMB RS07590 WP 002212976.1      AQQSRQPASDAPSHPQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1166 A1552VC RS00795 WP 000168289.1  QQPAKQHQPMQ....QSAPQ.QYSQPQYNE.PPMDFDDDIPF   177
NTDB id 321141 EAG14 RS00485 WP 099742431.1  RRAAPAPRPMAAPAPRPAPA.PVAQPPRAASGFDDMDDDIPF   186
NTDB id 1390 A4U84 RS00055 WP 021115958.1    ........NATRPQPAQKPA.AQ.....AEPPMDNFDDDIPF   180
consensus                                     *  *** * *    ** *!* *   **   ** *****!!!!!!
```

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