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 999645 KLA1 RS07060 WP 013521682.1   ...MSVNKVILVGRLGNDPEVRSGTEGRVISTVSIGTNSVWNDKSSGERREETEWHRVVFFNRLAEIARDYLRKGTQVYV   77
NTDB id 1390 A4U84 RS00055 WP 021115958.1    ..MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFRRQAEVAGQYLRKGSKVYV   78
NTDB id 1166 A1552VC RS00795 WP 000168289.1  MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYGKLAEVAGEYLRKGSQVYI   80
consensus                                         ***!!!!**!*!!*!!**!****!***  ****!***!*!*  *!***!*!!!!*********!!*!**!!*!!*  !!*
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logo



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NTDB id 1131 NGFG RS05740 WP 003695064.1     EGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGAPYDEGYGQSQEAYQRPAQQ.SRQPAPDAPSH.....   146
NTDB id 1103 NMB RS07590 WP 002212976.1      EGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGAPYEEGYGQSQEAYQRPAQQ.SRQPASDAPSH.....   146
NTDB id 999645 KLA1 RS07060 WP 013521682.1   EGRLKTRKYQDNQGVDRYTTEVIA....DNLQMLGSKGDSDGQRGSRTDGGYSREPYNPRGNSNSSSGSSYAQSQSKDD.   152
NTDB id 1390 A4U84 RS00055 WP 021115958.1    EGKLKTRKWQDQNGQDRYTTEIQG....DVLQMLDSRSSGGDFGGN.QGSGWNQAPAQTNYNQ.GGYSDNYAQNNNFNGG   152
NTDB id 1166 A1552VC RS00795 WP 000168289.1  EGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQGGMPAQ.GGM...NVPAQ....Q.GSWGQPQQPAKQHQ..   149
consensus                                    !!****!!*!**  !**!*******        **!!***  **  *  **     *  *  ******   *** *        ***
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logo



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NTDB id 1131 NGFG RS05740 WP 003695064.1     PQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1103 NMB RS07590 WP 002212976.1      PQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 999645 KLA1 RS07060 WP 013521682.1   .....SRGTAPNYGSSSNGGTLTDDIPF   175
NTDB id 1390 A4U84 RS00055 WP 021115958.1    NATRPQPAQKPAAQAEPPMDNFDDDIPF   180
NTDB id 1166 A1552VC RS00795 WP 000168289.1  PMQQSAPQQYSQPQYNEPPMDFDDDIPF   177
consensus                                    *   **    *     *   ******!!!!!
```

X non conserved

X similar

X $\geq$ 50% conserved