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 106852 ACAM43 RS29975 WP 369630974.1 ..MASVNKVIVVGNLGRDPEMRTFPSGDQVANVTVATTDRWKDKQSGEMREATEWHRIVFNGRLAEIAGQYLRKGSQVYV   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....NEMKMLGGRNENSGGA.PY.........DEGYGQSQEAYQRPAQQSRQPAPD   142
NTDB id 1103 NMB RS07590 WP 002212976.1    EGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGA.PY.........EEGYGQSQEAYQRPAQQSRQPASD   142
NTDB id 1166 A1552VC RS00795 WP 000168289.1 EGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQGGMPAQQGM..NVPAQQ.................GSWGQPQ   142
NTDB id 106852 ACAM43 RS29975 WP 369630974.1 EGSLRTRKWTDKDGIEKYTTEIRA....DQMQMLGSRQGQGGPSGPSDD.......DGGYSQGGGGGGGYSQGGGGGGGY   147
NTDB id 1390 A4U84 RS00055 WP 021115958.1   EGKLKTRKWQDQNGQDRYTTEIQG....DVLQMLDSRSSGGDFGGNQGSGWNQAPAQTNYNQGG.YSDNYAQNNNFNGG.   152
consensus                                   !!*****!!*****!**********      **!!**!* *** ***          * ** *   *    ***    *
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logo

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NTDB id 1131 NGFG RS05740 WP 003695064.1   APSHPQEAPAAP....RRQP.VPAAAPVEDIDDDIPF   174
NTDB id 1103 NMB RS07590 WP 002212976.1    APSHPQEAPAAP....RRQP.VPAAAPVEDIDDDIPF   174
NTDB id 1166 A1552VC RS00795 WP 000168289.1 QPAKQHQ..PMQQSAPQQYSQPQYNEPPMDFDDDIPF   177
NTDB id 106852 ACAM43 RS29975 WP 369630974.1 APRAPAAAPRAPAPAPRQAP.AKSSSGFDDMDDDIPF   183
NTDB id 1390 A4U84 RS00055 WP 021115958.1   .........NATRPQPAQKPAAQAEPPMDNFDDDIPF   180
consensus                                   **  *  ** **   *** *   *  *****!!!!!!
```

X non conserved

X similar

X ≥ 50% conserved