logo

```
NTDB id 1103 NMB RS07590 WP 002212976.1      ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDR.NGQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYL   76
NTDB id 1131 NGFG RS05740 WP 003695064.1     ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDR.NGQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYL   76
NTDB id 1390 A4U84 RS00055 WP 021115958.1    ..MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFRRQAEVAGQYLRKGSKVYV   78
NTDB id 280106 C4K04 RS28700 WP 124322533.1  .MARGVNKVILVGTCGQDPEVRYLPNGNAVTNLSLATSEQWTDKQTGQKVEKTEWHRVSMFGKVAEIAGEYLRKGSQVYI   79
NTDB id 1166 A1552VC RS00795 WP 000168289.1  MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYGKLAEVAGEYLRKGSQVYI   80
consensus                                        **!!!!**! *!*!!**!**!*!*!! ****!!!!*!*!* *!***!*!!!!********!!*!!*!!*!!* !!*
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NTDB id 1103 NMB RS07590 WP 002212976.1      EGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGAPYEEGYGQSQEAYQRPAQQS......RQPASD...A  143
NTDB id 1131 NGFG RS05740 WP 003695064.1     EGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGAPYDEGYGQSQEAYQRPAQQS......RQPAPD...A  143
NTDB id 1390 A4U84 RS00055 WP 021115958.1    EGKLKTRKWQDQNGQDRYTTEIQG....DVLQMLDSRSSGGDFGGN.QGSGWN....QAPAQTNYNQGGYSDNYAQNNNF  149
NTDB id 280106 C4K04 RS28700 WP 124322533.1  EGKLQTREWEKD.GIKRYTTEIIV.DMQGTMQLLGGRPQGDQGQGM....GN.....AAPRPQ....QSRPQP..SQ...  139
NTDB id 1166 A1552VC RS00795 WP 000168289.1  EGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQGGMPAQ....GGM....NVPAQQ....GSWGQP..QQPAK  146
consensus                                    !!****!***   !**!*******      ***!**!  * ****   * !*     * !***        **   *
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logo

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NTDB id 1103 NMB RS07590 WP 002212976.1      PSHPQEAPAAPRRQPVPAAAPVEDIDDDIPF  174
NTDB id 1131 NGFG RS05740 WP 003695064.1     PSHPQEAPAAPRRQPVPAAAPVEDIDDDIPF  174
NTDB id 1390 A4U84 RS00055 WP 021115958.1    NGGNATRPQPAQKPAAQAEPPMDNFDDDIPF  180
NTDB id 280106 C4K04 RS28700 WP 124322533.1  APQRESRPAPQQSSPQPAQNFDDSFDDDIPF  170
NTDB id 1166 A1552VC RS00795 WP 000168289.1  QHQPMQQSAPQQYSQPQYNEPPMDFDDDIPF  177
consensus                                       *   *** ** * **  *****!!!!!!
```

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