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 59239 PP4 RS02660 WP 016497749.1    .MARGVNKVILVGTCGQDPEVRYLPNGNAVTNLSLATSEQWTDKQSGQKVERTEWHRVSLFGKVAEIAGEYLRKGSQCYI   79
NTDB id 1166 A1552VC RS00795 WP 000168289.1 MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYGKLAEVAGEYLRKGSQVYI   80
consensus                                       **!!!!**! *!*!!**!**!*!*!! ****!!!!*!*!* *!***!*!!!!********!!*!!*!!*!!* *!*
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logo

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NTDB id 1103 NMB RS07590 WP 002212976.1     EGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNEN..SGGA............PYEEGYGQSQEAYQRPAQQSRQ   138
NTDB id 1131 NGFG RS05740 WP 003695064.1    EGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNEN..SGGA............PYDEGYGQSQEAYQRPAQQSRQ   138
NTDB id 1390 A4U84 RS00055 WP 021115958.1   EGKLKTRKWQDQNGQDRYTTEIQG....DVLQMLDSRSSGGDFGGNQGSGWNQAPAQTNYNQGG.YSDNYAQNNNF....   149
NTDB id 59239 PP4 RS02660 WP 016497749.1    EGKLQTREWEKD.GIKRYTTEIIV.DINGTMQLLGGRPQGQQQGGDPYN.....QGGGNYNQGGGQQQQYNQAPPRQQAQ   152
NTDB id 1166 A1552VC RS00795 WP 000168289.1 EGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQ...GGMPAQ......GGMNVPAQQGSWGQ.PQQPAKQHQP   150
consensus                                   !!****!***   !**!*******      ***!**!  *   !!          *  **  * *****  ! ** *  *
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logo

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NTDB id 1103 NMB RS07590 WP 002212976.1     PASDAPSHPQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1131 NGFG RS05740 WP 003695064.1    PAPDAPSHPQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1390 A4U84 RS00055 WP 021115958.1   NGGNATRPQ.....PAQKPAAQAEPPMDNFDDDIPF   180
NTDB id 59239 PP4 RS02660 WP 016497749.1    RPQQAPQRP.....APQQPAPQPAADFDSFDDDIPF   183
NTDB id 1166 A1552VC RS00795 WP 000168289.1 MQQSAP.........QQYSQPQYNEPPMDFDDDIPF   177
consensus                                    *  !*  *     ****   *********!!!!!!
```

X non conserved

X similar

X $\geq$50% conserved