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 90988 PCI15 RS02515 WP 271272800.1 .MARGINKVILIGNLGNDPDTKYMPSGNAVTNITVATSESWKDKQTGQQQERTEWHRVVFFNRLAEIAGEYLRKGSKVYL   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   EGRIQSRKYQGKDGIERTAYDIVANE....MKMLGGRNEN..SGGAPYEEGYGQSQ........EAYQRPAQQSRQ....   138
NTDB id 1131 NGFG RS05740 WP 003695064.1  EGRIQSRKYQGKDGIERTAYDIVANE....MKMLGGRNEN..SGGAPYDEGYGQSQ........EAYQRPAQQSRQ....   138
NTDB id 1390 A4U84 RS00055 WP 021115958.1 EGKLKTRKWQDQNGQDRYTTEIQGDV....LQMLDSRSSGGDFGGNQGS.GWN.QAPAQTNYNQGGYSDNYAQ...NNNF   149
NTDB id 90988 PCI15 RS02515 WP 271272800.1 EGSLRTRKWQDQSGQDRYTTEIVASE....MQMLDGRGDN..NGGYQQQGGYQQQAPQQQQAPQQQYQQPPQQQAPQQQY   153
NTDB id 1166 A1552VC RS00795 WP 000168289.1 EGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQ...QGGMPAQGGMNVPAQ......QGSWGQPQQPAKQH...   148
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 ........NGGNATRPQPAQKPAAQAEPPMDNFDDDIPF   180
NTDB id 90988 PCI15 RS02515 WP 271272800.1 QQPPQQQAPQQQYQKPPQQQAPAPQPAPGMDDFDDDIPF   192
NTDB id 1166 A1552VC RS00795 WP 000168289.1 ..QPMQQSAPQQYSQ........PQYNEPPMDFDDDIPF   177
consensus                                     *   **  *   *    *   *** *****!!!!!!
```

X non conserved
X similar
X ≥ 50% conserved