```
logo
NTDB id 1390 A4U84 RS00055 WP 021115958.1     ..MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFRRQAEVAGQYLRKGSKVYV   78
NTDB id 1131 NGFG RS05740 WP 003695064.1      ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDR.NGQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYL   76
NTDB id 1103 NMB RS07590 WP 002212976.1       ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDR.NGQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYL   76
NTDB id 324014 EEY24 RS21540 WP 025010183.1  MASRGVNKVILVGNLGQDPEVRYMPNGNAVANITVATSESWKDQ.QGQQQERTEWHRVVMFGKLAEIAGEYLRKGSQVYL   79
NTDB id 1166 A1552VC RS00795 WP 000168289.1  MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYGKLAEVAGEYLRKGSQVYI   80
consensus                                       **!!!!**!*!!*!!**!*!!*!*!!*****!!!!*!*!* *!** !*!!!!********!!*!!*!!*!!* !!*

logo
NTDB id 1390 A4U84 RS00055 WP 021115958.1     EGKLKTRKWQDQNGQDRYTTEIQG....DVLQMLDSRSSGG...DFGGNQG....SGW.........NQAPAQTNYNQGG   138
NTDB id 1131 NGFG RS05740 WP 003695064.1      EGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGAPYDEG........YGQSQEA...........YQRPA   133
NTDB id 1103 NMB RS07590 WP 002212976.1       EGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGAPYEEG........YGQSQEA...........YQRPA   133
NTDB id 324014 EEY24 RS21540 WP 025010183.1  EGKLQTRKWKDQSGQDKYTTEVVVD.MGGTMQMLGGRNQNQGGMSQGGNQGGMNQGGMNQSQGSYGGGQAQSQSQYNAPQ   158
NTDB id 1166 A1552VC RS00795 WP 000168289.1  EGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQGGMPAQGGMNVP.......AQQGSWGQPQQPA........   145
consensus                                    !!****!!**** !**********      **!!**!* * **  *** *       * ***      *      ** **

logo
NTDB id 1390 A4U84 RS00055 WP 021115958.1     YSDNYAQNNN.......................FNGGNAT.........RPQPAQKPA........AQAEPPMDNFDDD   177
NTDB id 1131 NGFG RS05740 WP 003695064.1      QQS.....RQPAPDAPSHPQE............................APAAPRRQPVP.........AAAPVEDIDDD   171
NTDB id 1103 NMB RS07590 WP 002212976.1       QQS.....RQPASDAPSHPQE............................APAAPRRQPVP.........AAAPVEDIDDD   171
NTDB id 324014 EEY24 RS21540 WP 025010183.1  QSGGYQPKPAQQPQQPQQPQQQYNAPQQQSYGQQQNSGYAPKPQQPAPQQQAAPQQRPAPQPQPQQQNYTPDLDDGWDDD   238
NTDB id 1166 A1552VC RS00795 WP 000168289.1  ........KQHQP.....................................MQQSAPQQYSQPQ......Y..NEPPMDFDDD   174
consensus                                    *       **  *  *  **                              **! * * *         *  *****!!!

logo
NTDB id 1390 A4U84 RS00055 WP 021115958.1     IPF   180
NTDB id 1131 NGFG RS05740 WP 003695064.1      IPF   174
NTDB id 1103 NMB RS07590 WP 002212976.1       IPF   174
NTDB id 324014 EEY24 RS21540 WP 025010183.1  IPF   241
NTDB id 1166 A1552VC RS00795 WP 000168289.1  IPF   177
consensus                                    !!!
```

X non conserved

X similar

X $\geq$ 50% conserved