logo



```
NTDB id 1103 NMB RS07590 WP 002212976.1     ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDRN.GQRVERTEWHNITMYR.KLAEIAGQYLKKGGLVY   75
NTDB id 1131 NGFG RS05740 WP 003695064.1    ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDRN.GQRVERTEWHNITMYR.KLAEIAGQYLKKGGLVY   75
NTDB id 1390 A4U84 RS00055 WP 021115958.1   ..MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFR.RQAEVAGQYLRKGSKVY   77
NTDB id 1316573 D5400 RS12900 WP 126010383.1 .MAGSVNKVILVGNLGADPEIRRTQDGRPIANLSVATSETWRDRNSGERKEKTEWHRVVIFNEGLCKVAESYLKKGAKVY   79
NTDB id 1166 A1552VC RS00795 WP 000168289.1 MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYG.KLAEVAGEYLRKGSQVY   79
consensus                                    **!!!!**!*!! !!**!****!********!!!!*!*!**!***!*!!!!******* *****!**!!*!!* !!
```

logo



```
NTDB id 1103 NMB RS07590 WP 002212976.1     LEGRIQSRKYQGKDGIERTAYDIV....ANEMKMLGGRNENSGGAPYEEGYGQSQ....EAYQRPAQQSRQPASDAPSHP   147
NTDB id 1131 NGFG RS05740 WP 003695064.1    LEGRIQSRKYQGKDGIERTAYDIV....ANEMKMLGGRNENSGGAPYDEGYGQSQ....EAYQRPAQQSRQPAPDAPSHP   147
NTDB id 1390 A4U84 RS00055 WP 021115958.1   VEGKLKTRKWQDQNGQDRYTTEIQ....GDVLQMLDSRSSGGD.FGGNQGSGWNQAPAQTNYNQGGYSDNYAQNNNFNGG   152
NTDB id 1316573 D5400 RS12900 WP 126010383.1 IEGQLQTRKWQDQSGQDKYSTEIVLQGFNSTLTMLDGRGEGGG.MGQGGGGGG...RGGSDYSGGGGGGND.........   146
NTDB id 1166 A1552VC RS00795 WP 000168289.1 IEGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQGG.MPAQGGMNV...PAQQGSWGQPQQPAK......QHQ   149
consensus                                   *!!*****!!*!** !********** *  * !!**! **** *  ! * * * *** *** *
```

logo



```
NTDB id 1103 NMB RS07590 WP 002212976.1     QEAPAAPRRQP.VPAAAPVEDIDDDIPF   174
NTDB id 1131 NGFG RS05740 WP 003695064.1    QEAPAAPRRQP.VPAAAPVEDIDDDIPF   174
NTDB id 1390 A4U84 RS00055 WP 021115958.1   NATRPQPAQKPAAQAEPPMDNFDDDIPF   180
NTDB id 1316573 D5400 RS12900 WP 126010383.1 .YN....RQSPASRNDDFSRDMDDEIPF   169
NTDB id 1166 A1552VC RS00795 WP 000168289.1 PMQQSAPQQYSQPQYNEPPMDFDDDIPF   177
consensus                                   *     **** *    *  *****!!*!!!
```

X non conserved
X similar
X ≥ 50% conserved