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 81937 H1Z14 RS16875 WP 156619690.1 .MAGSVNKVILIGNLGADPEIRRTQDGKPIANLRIATSESWRDRNSGERKEKTEWHSVVIFNEGLCKVAEQYLKKGATVY   79
NTDB id 1166 A1552VC RS00795 WP 000168289.1 MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYG.KLAEVAGEYLRKGSQVY   79
consensus                                 **!!!!**!*!! !!**!****!********!!!!*!*!**!***!*!!!! ***** *****!**!!*!!* !!
```

logo

```
NTDB id 1103 NMB RS07590 WP 002212976.1   LEGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGAPYEEGYG..QSQ.EAY.QRPAQQSRQPA..S....   141
NTDB id 1131 NGFG RS05740 WP 003695064.1  LEGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGAPYDEGYG..QSQ.EAY.QRPAQQSRQPA..P....   141
NTDB id 1390 A4U84 RS00055 WP 021115958.1 VEGKLKTRKWQDQNGQDRYTTEIQG....DVLQMLDSRSSG.........GDFGGNQGSGWNQAPAQTNYNQGGYSDNYA   144
NTDB id 81937 H1Z14 RS16875 WP 156619690.1 IEGQLQTRKWQDQNGNDRYSTEIVLQGFNSTLTMLGGRGDGAGGGAARGGSDFGGGGGGGYDDYGSAPAR.........   149
NTDB id 1166 A1552VC RS00795 WP 000168289.1 IEGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQGGMP.AQGGMNVPAQQG.SWGQ.PQQPAK.........   146
consensus                                 *!!*****!!*!** !**!******* * !!**! ** *** * * ** ** * *** ** *
```

logo

```
NTDB id 1103 NMB RS07590 WP 002212976.1   ...DAPSHPQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1131 NGFG RS05740 WP 003695064.1  ...DAPSHPQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1390 A4U84 RS00055 WP 021115958.1 QNNNFNGGNATRPQPAQKPAAQAEPPMDNFDDDIPF   180
NTDB id 81937 H1Z14 RS16875 WP 156619690.1 .....SGGAS..SG.GRGASAPSGGFSRDMDDDIPF   177
NTDB id 1166 A1552VC RS00795 WP 000168289.1 .....QHQPMQQSAPQQYSQPQYNEPPMDFDDDIPF   177
consensus                                       *   **  **   *********!!!!!!
```

X non conserved
X similar
X ≥ 50% conserved