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 1166 A1552VC RS00795 WP 000168289.1  MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYGKLAEVAGEYLRKGSQVYI   80
NTDB id 353064 E4T55 RS06410 WP 058500527.1  .MARGINKVILVGNVGIDPEVRYMPNGNAVTTLSLATSETWKDKQTGERQERTEWHRVVCFNRLGEIAGEYIRKGSKLYI   79
NTDB id 1390 A4U84 RS00055 WP 021115958.1    ..MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFRRQAEVAGQYLRKGSKVYV   78
consensus                                       **!!!!**!**! !!**!*!!*!*!! ****!!!!*!*!* *!** !*!!!!***********!*!!*!**!!* *!*
```

logo

```
NTDB id 1103 NMB RS07590 WP 002212976.1      EGRIQSRKYQGKDGIERTAYDIVAN....EMKMLGGRNENSGGAPYEEGYGQSQ.........EAYQRPAQQSRQPASDA   143
NTDB id 1131 NGFG RS05740 WP 003695064.1     EGRIQSRKYQGKDGIERTAYDIVAN....EMKMLGGRNENSGGAPYDEGYGQSQ.........EAYQRPAQQSRQPAPDA   143
NTDB id 1166 A1552VC RS00795 WP 000168289.1  EGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQGGM.PAQGG...MNVPAQQ....GSWGQPQQP....AKQH   148
NTDB id 353064 E4T55 RS06410 WP 058500527.1  EGSLRTRKWQDQQGQDRYTTEIIAS....DLQMLDTKGVGSSN.TS.....YEDMPSSP.....................   128
NTDB id 1390 A4U84 RS00055 WP 021115958.1    EGKLKTRKWQDQNGQDRYTTEIQGD....VLQMLDSRSSGGDF.GGNQGSGWNQAPAQTNYNQGGYSDNYAQ....NNNF   149
consensus                                    !!*****!!*!** !**!********     ***!!***  ***  *   * *  * *        **  * **     *
```

logo

```
NTDB id 1103 NMB RS07590 WP 002212976.1      PSHPQEAPAAPRRQP.VPAAAPVEDIDDDIPF   174
NTDB id 1131 NGFG RS05740 WP 003695064.1     PSHPQEAPAAPRRQP.VPAAAPVEDIDDDIPF   174
NTDB id 1166 A1552VC RS00795 WP 000168289.1  ..QPMQQ.SAPQQYSQPQYNEPPMDFDDDIPF   177
NTDB id 353064 E4T55 RS06410 WP 058500527.1  .....PE.GSSRQQPSKAAQDAFEELDDDIPF   154
NTDB id 1390 A4U84 RS00055 WP 021115958.1    NGGNATR.PQPAQKPAAQAEPPMDNFDDDIPF   180
consensus                                       *     *******    *   *****!!!!!!
```

X non conserved
X similar
X ≥ 50% conserved