```
logo

NTDB id 1103 NMB RS07590 WP 002212976.1      ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDR.NGQRVERTEWHNITMYR.KLAEIAGQYLKKGGLVY   75
NTDB id 1131 NGFG RS05740 WP 003695064.1     ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDR.NGQRVERTEWHNITMYR.KLAEIAGQYLKKGGLVY   75
NTDB id 1390 A4U84 RS00055 WP 021115958.1    ..MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFR.RQAEVAGQYLRKGSKVY   77
NTDB id 158420 BVIR RS08260 WP 055037253.1  .MAGSVNKVILVGNLGRDPEVRRLNSGESVVNLRIATSESWRDKATGERRERTEWHSVVIFNEQLAKVAEQYLKKGAKVY   79
NTDB id 1166 A1552VC RS00795 WP 000168289.1 MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYG.KLAEVAGEYLRKGSQVY   79
consensus                                       **!!!!**!*!!*!**!****!**! *****!!!!*!*!* *!***!*!!!! ***** **!**!**!!*!!* !!

logo

NTDB id 1103 NMB RS07590 WP 002212976.1      LEGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGAPYEEGYGQSQEA....YQRPAQQSR.....QPASD   142
NTDB id 1131 NGFG RS05740 WP 003695064.1     LEGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGAPYDEGYGQSQEA....YQRPAQQSR.....QPAPD   142
NTDB id 1390 A4U84 RS00055 WP 021115958.1    VEGKLKTRKWQDQNGQDRYTTEIQG....DVLQMLDSRSSG.GDFGGNQGSGWNQAPAQTNYNQGGYSDNYAQNNNFNGG   152
NTDB id 158420 BVIR RS08260 WP 055037253.1  IEGQLQTRKWQDQAGAEKYTTEVVLQRFRGELQMLDGRGGG.GGAEIED..................SGDFGQRSPLPAR   140
NTDB id 1166 A1552VC RS00795 WP 000168289.1 IEGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQ.GGMPAQGGM...........NVPAQQGSWGQPQQ.PA.   145
consensus                                   *!!****!!*!** ! *********     ***!!**!  * !*** *** *  *      ** ****  ***  *  *

logo

NTDB id 1103 NMB RS07590 WP 002212976.1      APSHPQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1131 NGFG RS05740 WP 003695064.1     APSHPQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1390 A4U84 RS00055 WP 021115958.1    NATRPQPA....QKPAAQAEPPMDNFDDDIPF   180
NTDB id 158420 BVIR RS08260 WP 055037253.1  GAARPAASGGG........GKYSSDLDDEIPF   164
NTDB id 1166 A1552VC RS00795 WP 000168289.1 KQHQPMQQSAPQQYSQPQYNEPPMDFDDDIPF   177
consensus                                   * * !* * **  *    ** *****!!*!!!
```

X non conserved

X similar

X $\geq$ 50% conserved