```
logo

NTDB id 1131 NGFG RS05740 WP 003695064.1        ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDR.NGQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYL   76
NTDB id 1103 NMB RS07590 WP 002212976.1         ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDR.NGQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYL   76
NTDB id 1390 A4U84 RS00055 WP 021115958.1       ..MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFRRQAEVAGQYLRKGSKVYV   78
NTDB id 1096432 ACMXYX RS16255 WP 415882716.1  .MARGVNKVILVGNLGGDPEVRYMPNGNAVTNVTIATSESWKDKQTGQQQERTEWHRVVFFNRLAEIAGEYMRKGGKVYV   79
NTDB id 1166 A1552VC RS00795 WP 000168289.1    MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYGKLAEVAGEYLRKGSQVYI   80
consensus                                          **!!!!**!*!! !!**!*!!*!*!! ****!!!!*!*!* *!** !*!!!!*********!!*!!*!**!!* !!*

logo

NTDB id 1131 NGFG RS05740 WP 003695064.1        EGRIQSRKYQGKDGIERTAYDIVANEM....KMLGGRNENSGGAPYDEGYGQS..QEAYQRPAQQSRQPAPDAPS.....   145
NTDB id 1103 NMB RS07590 WP 002212976.1         EGRIQSRKYQGKDGIERTAYDIVANEM....KMLGGRNENSGGAPYEEGYGQS..QEAYQRPAQQSRQPASDAPS.....   145
NTDB id 1390 A4U84 RS00055 WP 021115958.1       EGKLKTRKWQDQNGQDRYTTEIQGDV....LQMLDSRSSGG.DFGGNQ.......GSGWNQA..PAQTNYNQGGYSDNYA   144
NTDB id 1096432 ACMXYX RS16255 WP 415882716.1  EGALRTRKWQDQSGQDRYTTEIVASEMQ....LLDSRGGN......EGGYAPQQQQGGYAQ..QPQQQQAPAPQMAPQMA   147
NTDB id 1166 A1552VC RS00795 WP 000168289.1    EGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQG.GMPAQGGMNVPAQQGSWGQPQQPAKQHQ.........   149
consensus                                      !!*****!!*!** !**!*********      *!**!  *  * * * ***    * ***** ** ** *  *

logo

NTDB id 1131 NGFG RS05740 WP 003695064.1        .......HPQE.APAAPRRQPV.PAAAPVEDIDDDIPF   174
NTDB id 1103 NMB RS07590 WP 002212976.1         .......HPQE.APAAPRRQPV.PAAAPVEDIDDDIPF   174
NTDB id 1390 A4U84 RS00055 WP 021115958.1       QNNNF..NGGNATRPQPAQKPAAQAEPPMDNFDDDIPF   180
NTDB id 1096432 ACMXYX RS16255 WP 415882716.1  PQAAPQQAPQQRPAPAPQQAPAPQAAPGFDDFDDDIPF   185
NTDB id 1166 A1552VC RS00795 WP 000168289.1    ........PM..QQSAPQQYSQPQYNEPPMDFDDDIPF   177
consensus                                              **     *! * *  *** *****!!!!!!
```

X non conserved

X similar

X $\geq$ 50% conserved