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 1136805 PU02 RS04240 WP 053944217.1 .MAGSLNKVILIGNLGADPEIRRLNSGDQVASLRIATSESWRDRTTNERKERTEWHSVVIFNENLVKIVEQYLKKGSKIY   79
NTDB id 1166 A1552VC RS00795 WP 000168289.1 MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYG.KLAEVAGEYLRKGSQVY   79
NTDB id 1390 A4U84 RS00055 WP 021115958.1   ..MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFR.RQAEVAGQYLRKGSKVY   77
consensus                                      **!!!!**!*!! !!**!****!**!*****!!!!*!*!* *****!*!!!! ***** ********!!*!!* *!
```

logo



```
NTDB id 1103 NMB RS07590 WP 002212976.1     LEGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSG.....GAPYEEGYGQS...QEAYQRPAQQSRQPASDA   143
NTDB id 1131 NGFG RS05740 WP 003695064.1    LEGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSG.....GAPYDEGYGQS...QEAYQRPAQQSRQPAPDA   143
NTDB id 1136805 PU02 RS04240 WP 053944217.1 IEGQLQTRKWQDQTGNDRYTTEIVLQKYRGELQMLDSRGMENEERMQATNQFGRGYDNSGYDSSGFGDGN..........   149
NTDB id 1166 A1552VC RS00795 WP 000168289.1 IEGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQGGMPAQGGM...NVPAQ....QGSWGQPQQPAKQH....   148
NTDB id 1390 A4U84 RS00055 WP 021115958.1   VEGKLKTRKWQDQNGQDRYTTEIQG....DVLQMLDSRSSGGDFGGNQGSGWNQAPAQTNYNQGGYSDNYAQNNNF....   149
consensus                                   *!!****!!*!** !**!*******      ***!!**!  * *   * *  *  *****   * **  * ** **
```

logo



```
NTDB id 1103 NMB RS07590 WP 002212976.1     PSHPQEAPAAPR.RQPVPAAAPVEDIDDDIPF   174
NTDB id 1131 NGFG RS05740 WP 003695064.1    PSHPQEAPAAPR.RQPVPAAAPVEDIDDDIPF   174
NTDB id 1136805 PU02 RS04240 WP 053944217.1 ....LDQRGGFGKSSTQSKENFSEQLDDDIPF   177
NTDB id 1166 A1552VC RS00795 WP 000168289.1 Q..PMQQSAPQQ.YSQPQYNEPPMDFDDDIPF   177
NTDB id 1390 A4U84 RS00055 WP 021115958.1   NGGNATRPQPAQ.KPAAQAEPPMDNFDDDIPF   180
consensus                                      * * ***   *     *  *****!!!!!!
```

X non conserved
X similar
X ≥ 50% conserved