logo



```
NTDB id 1103 NMB RS07590 WP 002212976.1   ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDRN.GQRVERTEWHNITMYRK.LAEIAGQYLKKGGLVY   75
NTDB id 1131 NGFG RS05740 WP 003695064.1  ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDRN.GQRVERTEWHNITMYRK.LAEIAGQYLKKGGLVY   75
NTDB id 1390 A4U84 RS00055 WP 021115958.1 ..MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFRR.QAEVAGQYLRKGSKVY   77
NTDB id 263975 C1J05 RS09405 WP 114870026.1 .MAGSVNKVILIGNLGRDPEVRTFQNGGKVCNLRIATSETWKDKNTGERKERTEWHSVAIFNEGLVRIAEQYLKKGSKVY   79
NTDB id 1166 A1552VC RS00795 WP 000168289.1 MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYGK.LAEVAGEYLRKGSQVY   79
consensus                                  **!!!!**!*!!*!!**!****!**!*****!!!!*!*!***!***!*!!!! ****** ****!**!!*!!* !!
```

logo



```
NTDB id 1103 NMB RS07590 WP 002212976.1   LEGRIQSRKYQGKDGIERTAYDIV....ANEMKMLGGRNENSGGAP.YEEGYGQ......SQEAYQRPAQQSRQPASD.A   143
NTDB id 1131 NGFG RS05740 WP 003695064.1  LEGRIQSRKYQGKDGIERTAYDIV....ANEMKMLGGRNENSGGAP.YDEGYGQ......SQEAYQRPAQQSRQPAPD.A   143
NTDB id 1390 A4U84 RS00055 WP 021115958.1 VEGKLKTRKWQDQNGQDRYTTEIQ....GDVLQMLDSRSSGGD....FGGNQGSGWNQAPAQTNYNQGGYSDNYAQNNNF   149
NTDB id 263975 C1J05 RS09405 WP 114870026.1 IEGQLQTRKWQDQSGQDKYSTEVVLQGFGGTLTMLDGRDGGGGGGCSSYGGGQGGGYDSGSQDSGYGGGSQGG........   151
NTDB id 1166 A1552VC RS00795 WP 000168289.1 IEGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQGGMPAQ......GGMNVPAQQGSWGQPQQPAKQHQ....   149
consensus                                  *!!*****!!*!** !********** *  * !!**!  *****  *  * * *      * *** ***  **
```

logo



```
NTDB id 1103 NMB RS07590 WP 002212976.1   PSHPQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1131 NGFG RS05740 WP 003695064.1  PSHPQEAPAAPRRQPVPAAAPVEDIDDDIPF   174
NTDB id 1390 A4U84 RS00055 WP 021115958.1 NGGNATRPQPAQKPAAQAEPPMDNFDDDIPF   180
NTDB id 263975 C1J05 RS09405 WP 114870026.1 ..............SQGGGSSSRDLDDEIPF   168
NTDB id 1166 A1552VC RS00795 WP 000168289.1 ...PMQQSAPQQYSQPQYNEPPMDFDDDIPF   177
consensus                                     *    **    *     ** *****!!*!!!
```

X non conserved
X similar
X ≥ 50% conserved