logo

```
NTDB id 41513 F7308 RS00555 WP 013921903.1  MAKGTVNKVILLGRLGNDPEVRTTQNGTTVATLSIATNDGMGEN......ITTEWHRVVVFGKSAEAIQRYANKGTQLFI   74
NTDB id 1131 NGFG RS05740 WP 003695064.1    ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDR.NGQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYL   76
NTDB id 1103 NMB RS07590 WP 002212976.1     ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDR.NGQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYL   76
NTDB id 1166 A1552VC RS00795 WP 000168289.1 MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYGKLAEVAGEYLRKGSQVYI   80
NTDB id 1390 A4U84 RS00055 WP 021115958.1   ..MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFRRQAEVAGQYLRKGSKVYV   78
consensus                                        **!!!!**!*!!*!!**!****!**!*****!!*******   *  *  **!!!!*********!!****!**!!* ***
```

logo

```
NTDB id 41513 F7308 RS00555 WP 013921903.1  EGRLRTNKWQDKNGNMQYTTEVVV....SNFQFVGGGNSQGSS.N.....Y..QNN.PNPNFNQQP...........NNSF  131
NTDB id 1131 NGFG RS05740 WP 003695064.1    EGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGAPYDEGYGQSQE.........AYQRPAQQSRQPAPDA  143
NTDB id 1103 NMB RS07590 WP 002212976.1     EGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGAPYEEGYGQSQE.........AYQRPAQQSRQPASDA  143
NTDB id 1166 A1552VC RS00795 WP 000168289.1 EGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQG.GMPAQGGM...NVPAQ....QGSWGQPQQPAKQ....H  148
NTDB id 1390 A4U84 RS00055 WP 021115958.1   EGKLKTRKWQDQNGQDRYTTEIQG....DVLQMLDSRSSGG.DFGGNQGSGWNQAPAQTNYNQGGYSDNYAQNNN....F  149
consensus                                   !!*****!*!** !**********       ******** ** *  *   ***  *    *     *  **  *  **  **
```

logo

```
NTDB id 41513 F7308 RS00555 WP 013921903.1  A.QNNQQPAPKQDKMPDFAEINSSNFDDDIPF  162
NTDB id 1131 NGFG RS05740 WP 003695064.1    PSHPQEAPAAPR.RQPVPAAAPVEDIDDDIPF  174
NTDB id 1103 NMB RS07590 WP 002212976.1     PSHPQEAPAAPR.RQPVPAAAPVEDIDDDIPF  174
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