```
logo

NTDB id 1166 A1552VC RS00795 WP 000168289.1  MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYGKLAEVAGEYLRKGSQVYI   80
NTDB id 1390 A4U84 RS00055 WP 021115958.1    ..MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFRRQAEVAGQYLRKGSKVYV   78
NTDB id 405997 GOY17 RS14315 WP 157030901.1 .MARGINKVILVGNLGDDPETKYTQGGMAVTKARLATTSVRKDR.DGNTQERTEWHRVTFFGKLGEIAGEYLRKGSQVYV   78
NTDB id 1103 NMB RS07590 WP 002212976.1     ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDR.NGQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYL   76
NTDB id 1131 NGFG RS05740 WP 003695064.1    ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDR.NGQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYL   76
consensus                                      **!!!!**!*!! !!*******!*!! * **!!*****!*   !** !*!!!!*********!*!!*!!*!!* !!*

logo

NTDB id 1166 A1552VC RS00795 WP 000168289.1  EGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQGGMPAQGGM...NVPAQ....QG..SWGQPQQPAKQH...   148
NTDB id 1390 A4U84 RS00055 WP 021115958.1    EGKLKTRKWQDQNGQDRYTTEIQG....DVLQMLDSRSSGGDFGGNQGSGWNQAPAQTNYNQG..GYSDNYAQNNNF...   149
NTDB id 405997 GOY17 RS14315 WP 157030901.1 EGSIRYDKYTGQDGVERYSTDIIA....DEMQMLGGRAGGEGGGG..........SRSEYRGGGAGGG..ERSSRPP...   139
NTDB id 1103 NMB RS07590 WP 002212976.1     EGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGAP..........YEEGYGQSQEAYQRPAQQSRQPASD   142
NTDB id 1131 NGFG RS05740 WP 003695064.1    EGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGAP..........YDEGYGQSQEAYQRPAQQSRQPAPD   142
consensus                                   !!*****!*****!**!*******     ***!!**!  * ****              * **  **  * ******

logo

NTDB id 1166 A1552VC RS00795 WP 000168289.1  .Q..PM...QQSAPQQYSQPQYNEPPMDFDDDIPF   177
NTDB id 1390 A4U84 RS00055 WP 021115958.1    .NGGNA...TRPQPAQKPAAQAEPPMDNFDDDIPF   180
NTDB id 405997 GOY17 RS14315 WP 157030901.1 .....ARQESAPRREAPPAKSSSFNDDFADDDIPF   169
NTDB id 1103 NMB RS07590 WP 002212976.1     APSHPQEAPAAPRRQPVPAA...APVEDIDDDIPF   174
NTDB id 1131 NGFG RS05740 WP 003695064.1    APSHPQEAPAAPRRQPVPAA...APVEDIDDDIPF   174
consensus                                       *      *****  ***    *** !!!!!!
```

X non conserved

X similar

X $\geq$ 50% conserved