```
logo

NTDB id 1103 NMB RS07590 WP 002212976.1      ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDRN.GQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYL   76
NTDB id 1131 NGFG RS05740 WP 003695064.1     ...MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDRN.GQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYL   76
NTDB id 1166 A1552VC RS00795 WP 000168289.1  MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYGKLAEVAGEYLRKGSQVYI   80
NTDB id 307518 DYY63 RS03115 WP 005719438.1 ..MAGVNKVIIVGNLGNDPEIRTMPNGEAVANISVATSESWIDKNTNERREVTEWHRIVFYRRQAEVAGEYLRKGSKVYV   78
NTDB id 1390 A4U84 RS00055 WP 021115958.1   ..MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFRRQAEVAGQYLRKGSKVYV   78
consensus                                       **!!!!**!*!!*!!**!*!!*!*!!*****!!!!*!*!*******!*!!!!*********!!*!!*!!*!!* !!*

logo

NTDB id 1103 NMB RS07590 WP 002212976.1      EGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGAPYEEG........YGQSQEAYQRPAQQSRQPASDAP   144
NTDB id 1131 NGFG RS05740 WP 003695064.1     EGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGAPYDEG........YGQSQEAYQRPAQQSRQPAPDAP   144
NTDB id 1166 A1552VC RS00795 WP 000168289.1  EGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQGGM...PAQGGMNVPA....QQGSWGQPQQPAKQH.....   148
NTDB id 307518 DYY63 RS03115 WP 005719438.1 EGRLKTRKWQDQNGQDRYTTEIQG....DVLQMLDSRNERQQTGGYAPQT...ASPQYNAPTGGY................   136
NTDB id 1390 A4U84 RS00055 WP 021115958.1   EGKLKTRKWQDQNGQDRYTTEIQG....DVLQMLDSRSSGGDFGGNQGSGWNQAPAQTNYNQGGYSDNYAQNNNFN....   150
consensus                                   !!*****!!*!** !**!*******     ***!!**!*** * * *           *   ****  * ** **

logo

NTDB id 1103 NMB RS07590 WP 002212976.1      SHPQEAPAAPRRQPVPAAAPVE...DIDDDIPF   174
NTDB id 1131 NGFG RS05740 WP 003695064.1     SHPQEAPAAPRRQPVPAAAPVE...DIDDDIPF   174
NTDB id 1166 A1552VC RS00795 WP 000168289.1  .QPMQQSAPQQYSQPQYNEPPMD...FDDDIPF   177
NTDB id 307518 DYY63 RS03115 WP 005719438.1  ..GAQPSRPATK.PAPQNEPPMDMGFEEDNIPF   166
NTDB id 1390 A4U84 RS00055 WP 021115958.1    GGNATRPQPAQK.PAAQAEPPMDN..FDDDIPF   180
consensus                                      *   ***  * * * **!***    *!*!!!
```

X non conserved

X similar

X $\geq$ 50% conserved