```
logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 347807 Pan110 RS06260 WP 145105205.1   ..MASFNKVILVGNLTRDPQVRYTPGGSAVAEIGLAVNRSWFDKNSNSRKEETTFVDVTLWGRTAEVASEYLTKGRSVLI   78
NTDB id 1166 A1552VC RS00795 WP 000168289.1    MASRGVNKVILIGNLGQDPEVRYMPSGGAVANITIATSETWRDKATGEQKEKTEWHRVTLYGKLAEVAGEYLRKGSQVYI   80
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 347807 Pan110 RS06260 WP 145105205.1   EGRLQLDQWDDKESGQKRSKLKVVG....ENMTMLGGRGESGGGAPGGGGGGGYGSRGGSAPSQGGSSSP..........   144
NTDB id 1166 A1552VC RS00795 WP 000168289.1    EGQLQTRKWQDQSGQ.DRYSTEVVVQGYNGIMQMLGGRAQQ.GGMPAQGGMNVPAQQGSWGQPQQ....PAKQHQPMQQ.   153
NTDB id 1103 NMB RS07590 WP 002212976.1        EGRIQSRKYQGKDGI.ERTAYDIVA....NEMKMLGGRNENSGGAPYEEGYGQS..QEAYQRPAQQSRQPASDAPSHPQE   149
NTDB id 1131 NGFG RS05740 WP 003695064.1       EGRIQSRKYQGKDGI.ERTAYDIVA....NEMKMLGGRNENSGGAPYDEGYGQS..QEAYQRPAQQSRQPAPDAPSHPQE   149
consensus                                      !!**!***** **** *!*****!*    **!*!!!!!****!!*!** !****** * ***** *****!* ********

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 347807 Pan110 RS06260 WP 145105205.1   ........ADSFYDSPGGMPDDDVPF   162
NTDB id 1166 A1552VC RS00795 WP 000168289.1    ..SAPQQYSQPQYNEPPMDFDDDIPF   177
NTDB id 1103 NMB RS07590 WP 002212976.1        APAAPRR.QPVPAAAPVEDIDDDIPF   174
NTDB id 1131 NGFG RS05740 WP 003695064.1       APAAPRR.QPVPAAAPVEDIDDDIPF   174
consensus                                      ******* **** **!****!!!*!!
```

X non conserved

X similar

X $\geq$ 50% conserved