```
logo
                                                  ....MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNA.NG..DREADFINCVIWRKSAENFANFTKKGSLVGV   73
NTDB id 624 LCA RS00040 WP 011373726.1
NTDB id 113 BSU 40900 NP 391970.1                 ....MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQ.SG..EREADFINCVTWRRQAENVANFLKKGSLAGV   73
NTDB id 215268 AJGP001 RS17220 WP 008497641.1     ....MINRVVLVGRLTKDPDLRYTPSGAAVARFTLAVNRTFSNA.QG..ERETDFINCTVWRKQAENTANFLKKGSLAGV   73
NTDB id 112 BSU 36310 NP 391512.2                 ....MFNQVMLVGRLTKDPDLRYTSAGAAVAHVTLAVNRSFKNA.SG..EIEADYVNCTLWRKTAENTALYCQKGSLVGV   73
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
consensus                                             **!*!*!*!*!**!***!!** !*!!* ***!***** *  *!  * ********** !!* *****!!*****

logo
NTDB id 624 LCA RS00040 WP 011373726.1            DGRLQTRNYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDGASQNFNSNQSNGS..QQSGFTSPQQTGNAPA......   145
NTDB id 113 BSU 40900 NP 391970.1                 DGRLQTRNYENQQGQRVFVTEVQAESVQFLEPKNGGGSGSGGYNEGNSGGGQYFGGGQNDNPFGGNQNNQRRNQ......   147
NTDB id 215268 AJGP001 RS17220 WP 008497641.1     EGRIQTGSYEGQDGKRVYTTEVVADSVQFLEPKSANTDRSQGGQQPS.......Y..QQNQSPSPS......QQN......   132
NTDB id 112 BSU 36310 NP 391512.2                 SGRIQTRSYENEEGVNVYVTEVLADTVRFMDPKPREKAAD.........................................   113
NTDB id 1131 NGFG RS05740 WP 003695064.1          EGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGAPYDEGYGQS......QEAYQRPAQQSRQPAPDAPSH   146
NTDB id 1103 NMB RS07590 WP 002212976.1           EGRIQSRKYQGKDGIERTAYDIVA....NEMKMLGGRNENSGGAPYEEGYGQS......QEAYQRPAQQSRQPASDAPSH   146
NTDB id 1166 A1552VC RS00795 WP 000168289.1       EGQLQTRKWQDQSGQDRYSTEVVVQGYNGIMQMLGGRAQQ.GGMPAQGGMNVP....AQQGSWGQPQQPAKQHQPMQQSA   155
consensus                                         *!**!** ** **!  ** ******    ** * ***  * ** *   *  *      **  *  * *  **

logo
NTDB id 624 LCA RS00040 WP 011373726.1            ......ANNTQADPFANNGQAIDISDDDLPF   170
NTDB id 113 BSU 40900 NP 391970.1                 ......GNSFNDDPFANDGKPIDISDDDLPF   172
NTDB id 215268 AJGP001 RS17220 WP 008497641.1     ......HTRVDEDPFSSGSGPIEVSDDDLPF   157
NTDB id 112 BSU 36310 NP 391512.2                 ................................   113
NTDB id 1131 NGFG RS05740 WP 003695064.1          PQEAPAAPRRQPV...PAAAPVEDIDDDIPF   174
NTDB id 1103 NMB RS07590 WP 002212976.1           PQEAPAAPRRQPV...PAAAPVEDIDDDIPF   174
NTDB id 1166 A1552VC RS00795 WP 000168289.1       PQQ......YSQP...QYNEPPMDFDDDIPF   177
consensus                                               *   *        * ***  ******
```

X non conserved

X similar

X $\geq$ 50% conserved