```
logo
NTDB id 158 SP RS09595 WP 000282442.1          MYNKVILLIGRLTSTPELHKTNNDKSVARATIAVNRRYKDQNGEREADFVNMVLWGRLAETLASYATKGSLISVDGELRTR   80
NTDB id 113 BSU 40900 NP 391970.1              MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSGEREADFINCVTWRRQAENVANFLKKGSLAGVDGRLQTR   80
NTDB id 112 BSU 36310 NP 391512.2              MFNQVMLVGRLTKDPDLRYTSAGAAVAHVTLAVNRSFKNASGEIEADYVNCTLWRKTAENTALYCQKGSLVGVSGRIQTR   80
NTDB id 44414 MGAS15252 RS06770 WP 002983122.1 MINNVVLVGRMTKDAELRYTPSQVAVATFTLAVNRTFKSQNGEREADFINCVIWRQPAENLANWAKKGALIGVTGRIQTR   80
NTDB id 624 LCA RS00040 WP 011373726.1         MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANGDREADFINCVIWRKSAENFANFTKKGSLVGVDGRLQTR   80
consensus                                      !*!*!*!*!!*!****!**!  ***!*****!!!!******!**!!!**!***!** !!**!** *!!*!**!*!***!!
```

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logo
NTDB id 158 SP RS09595 WP 000282442.1          RFEK.NGQMNYVTEVLVTGFQLLESRAQRAMRENNAGQ.......................................   117
NTDB id 113 BSU 40900 NP 391970.1              NYENQQGQRVFVTEVQAESVQFLEPKNGGGSGSG.....GYNEGNSGGGQYFGGGQNDNPFGGNQNNQRRNQGNSFNDDP   155
NTDB id 112 BSU 36310 NP 391512.2              SYENEEGVNVYVTEVLADTVRFMDPKPREKAAD.......................................   113
NTDB id 44414 MGAS15252 RS06770 WP 002983122.1 NYENQQGQRVYVTEVVADNFQMLESRATREGGSTGSFNGGFNNNTSSS..........NSYSAPAQQTP...NFGRDDSP   147
NTDB id 624 LCA RS00040 WP 011373726.1         NYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDGASQNFNSNQSNGSQ.......QSGFTSPQQTGNAPAANNTQADP   153
consensus                                      **!***!****!!!*** *******     *         **   *              *    *             *
```

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logo
NTDB id 158 SP RS09595 WP 000282442.1          ...DLADLVLEEEELPF   131
NTDB id 113 BSU 40900 NP 391970.1              FANDGKPIDISDDDLPF   172
NTDB id 112 BSU 36310 NP 391512.2              ................    113
NTDB id 44414 MGAS15252 RS06770 WP 002983122.1 F.GNSNPMDISDDDLPF   163
NTDB id 624 LCA RS00040 WP 011373726.1         FANNGQAIDISDDDLPF   170
consensus                                      *       *********
```

X non conserved
X similar
X ≥ 50% conserved