```
logo

NTDB id 158 SP RS09595 WP 000282442.1          MYNKVILIGRLTSTPELHKTNNDKSVARATIAVNRRYKDQNGEREADFVNMVLWGRLAETLASYATKGSLISVDGELRTR   80
NTDB id 1122020 EL147 RS07415 WP 007892149.1   MINNVVLVGRMTKDAELRYTPNQVAVATFTLAVNRTFKSQNGEREADFINCVIWRQPAENLANWAKKGALIGITGRIQTR   80
NTDB id 624 LCA RS00040 WP 011373726.1         MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANGDREADFINCVIWRKSAENFANFTKKGSLVGVDGRLQTR   80
NTDB id 113 BSU 40900 NP 391970.1              MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSGEREADFINCVTWRRQAENVANFLKKGSLAGVDGRLQTR   80
NTDB id 112 BSU 36310 NP 391512.2              MFNQVMLVGRLTKDPDLRYTSAGAAVAHVTLAVNRSFKNASGEIEADYVNCTLWRKTAENTALYCQKGSLVGVSGRIQTR   80
consensus                                      !*!*!*!*!!*!****!**! ****!*****!!!!******!**!!!**!***!** !!**!** *!!*!****!***!!

logo

NTDB id 158 SP RS09595 WP 000282442.1          RFEK.NGQMNYVTEVLVTGFQLLESRAQRAMRENNAGQD.........................................   118
NTDB id 1122020 EL147 RS07415 WP 007892149.1   NYENQQGQRVYVTEVVADNFQMLESRATREGGSSN....SYNSGGFNNTSTNNNYSASSQQTPNF..............GR   143
NTDB id 624 LCA RS00040 WP 011373726.1         NYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDGASQNFNSNQS....NGSQ.......QSGFTSPQQTGNAPAANNT   149
NTDB id 113 BSU 40900 NP 391970.1              NYENQQGQRVFVTEVQAESVQFLEPKNGGGSGSG.....GYNEGNS....GGGQYFGGGQNDNPFGGNQNNQRRNQGNSF   151
NTDB id 112 BSU 36310 NP 391512.2              SYENEEGVNVYVTEVLADTVRFMDPKPREKAAD.......................................   113
consensus                                      **!***!****!!!!*** *******      *         **            *           *

logo

NTDB id 158 SP RS09595 WP 000282442.1          ........LADLVLEEEELPF   131
NTDB id 1122020 EL147 RS07415 WP 007892149.1   DESPF.GNSNPMEISDDDLPF   163
NTDB id 624 LCA RS00040 WP 011373726.1         QADPFANNGQAIDISDDDLPF   170
NTDB id 113 BSU 40900 NP 391970.1              NDDPFANDGKPIDISDDDLPF   172
NTDB id 112 BSU 36310 NP 391512.2              ......................   113
consensus                                         **      **********
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X non conserved

X similar

X $\geq$ 50% conserved