```
logo
NTDB id 1103 NMB RS07590 WP 002212976.1      MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDRNGQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYLEGRIQSRKY   85
NTDB id 1131 NGFG RS05740 WP 003695064.1     MSLNKVILIGRLGRDPEVRYMPNGEAVCNFSVATSETWNDRNGQRVERTEWHNITMYRKLAEIAGQYLKKGGLVYLEGRIQSRKY   85
NTDB id 624 LCA RS00040 WP 011373726.1       .MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANGDRE..ADFINCVIWRKSAENFANFTKKGSLVGVDGRLQTRNY   82
NTDB id 112 BSU 36310 NP 391512.2            .MFNQVMLVGRLTKDPDLRYTSAGAAVAHVTLAVNRSFKNASGEIE..ADYVNCTLWRKTAENTALYCQKGSLVGVSGRIQTRSY   82
NTDB id 169798 KO07 RS12280 WP 060868958.1   .MMNRVVLVGRLTKDPELRYTPAGVAVATFTLAVNRTFTNQNGERE..ADFIQCVVWRKPAENAANFLKKGSMAGVDGRIQTRNY   82
NTDB id 113 BSU 40900 NP 391970.1            .MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSGERE..ADFINCVTWRRQAENVANFLKKGSLAGVDGRLQTRNY   82
consensus                                     **!*!*!*!!!**!***!!** ! !!* ***!***** * *!***  ****** **!* !!* *****!!******!!*!*! !

logo
NTDB id 1103 NMB RS07590 WP 002212976.1      QGKDGIERTAYDIVANEMKMLGGRNENSGGAPYE..........EGYGQSQEAYQRPAQQSRQPASDAPSHPQEAPAAPRRQPVP   160
NTDB id 1131 NGFG RS05740 WP 003695064.1     QGKDGIERTAYDIVANEMKMLGGRNENSGGAPYD..........EGYGQSQEAYQRPAQQSRQPAPDAPSHPQEAPAAPRRQPVP   160
NTDB id 624 LCA RS00040 WP 011373726.1       ENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDGASQNFNSN..QSNGSQQSGFTSPQQTGNAPAANN...TQADPF......AN   156
NTDB id 112 BSU 36310 NP 391512.2            ENEEGVNVYVTEVLADTVRFMDPKPREKAAD.............................................   113
NTDB id 169798 KO07 RS12280 WP 060868958.1   EDNDGKRVFVTEVVAESVQFLEPKNNNAEGATSNNY..QSGSNY..........SNNNQTSSYRADTS...QKSDSF......AN   146
NTDB id 113 BSU 40900 NP 391970.1            ENQQGQRVFVTEVQAESVQFLEPKNGGGSGSGGYNEGNSGGGQYFGGGQNDNPFGGNQNNQRRNQGNS...FNDDPF......AN   158
consensus                                    *  *!  ******** *  ** **    *                 *     *    *     *       *  *

logo
NTDB id 1103 NMB RS07590 WP 002212976.1      AAAPVEDIDDDIPF   174
NTDB id 1131 NGFG RS05740 WP 003695064.1     AAAPVEDIDDDIPF   174
NTDB id 624 LCA RS00040 WP 011373726.1       NGQAIDISDDDLPF   170
NTDB id 112 BSU 36310 NP 391512.2            ..............   113
NTDB id 169798 KO07 RS12280 WP 060868958.1   EGKPIDINPDDLPF   160
NTDB id 113 BSU 40900 NP 391970.1            DGKPIDISDDDLPF   172
consensus                                     * ***  ******
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X non conserved

X similar

X $\geq$ 50% conserved