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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1038 HON27 RS01510 WP 000993725.1     ........MNAQKGFTLIELMIVVAIIGILAAIAIPQYQNYIAKSQVNSGFSEISSIKTGYENA.VNEGAVPTKLSDV..    69
NTDB id 1192 PAKAF RS23870 WP 024947914.1     ........MKAQKGFTLIELMIVVAIIGILAAIAIPQYQNYVARSEGASALASVNPLKTTVEEA.LSRGWSVKSGTGTED    71
NTDB id 1197 PSJM300 03940 AFN76866.1         ......MKAQMQKGFTLIELMIVVAIIGILAAIALPAYQDYTVRSNAAAALAEITPGKIGFEQA.INEGKTPSLTSTDE.    72
NTDB id 1204 PSJM300 03935 AFN76865.1         ....MKPVKSSCRGFSLIELMIVVAIIGILAAIALPAYQNYTVRSTAASALAEITPAKAAFEQA.ISEGHTPSLVSSLP.    74
NTDB id 1383 A4U84 RS08530 WP 005711781.1     MK.KIRLIRPLAKAFTLIELMIVIAIIAILATIAIPSYTSYTQKAALSELLSASASYKSDVEICIYNVGDKKISECSS..    77
NTDB id 1109 OK783 RS10670 WP 157147416.1     .......MNTLQKGFTLIELMIVIAIVGILAAVALPAYQDYTARAQVSEAILLAEGQKSAVTEYYLNHGIWPKDNTSA..    71
NTDB id 1119 NGFG RS11465 WP 017147169.1      .......MNTLQKGFTLIELMIVIAIVGILAAVALPAYQDYTARAQVSEAILLAEGQKSAVTEYYLNHGKWPENNTSA..    71
NTDB id 1191 AAC28468.1 484..945( )           ......MLKKVQKGFTLIELMIVIAIIGILAAIALPAYQDYTARAQATEGFKATAGLQTDLGAWRADRGSFPNAAALVAG    74
NTDB id 1188 NELON RS01755 WP 003772458.1     .......MKAMQKGFTLIELMIVIAIIGILAAIALPAYQDYTVRSKVSEALIAASSPKSALSEAFQTDGITGMTAAAKAF    73
NTDB id 322143 EBA03 RS16635 WP 024743355.1   ........MKKQQGFTLIELMIVVAIIAILAAIALPAYQDYTTRAKLSEALTMSAPAKLAVTETSSSLGGLTNVTLAN..    70
NTDB id 1424 RS RS02795 WP 011000517.1        MKSMRHLNKRVQKGFTLIELMIVVAIVGILAAIAIPAYQDYTVRARVTEGLSLAAQAKALVSENAANAQSDLSV......    74
NTDB id 1002 ACIAD RS15100 WP 004923779.1     ........MNAQKGFTLIELMIVIAIIGILAAIAIPAYTDYTVRARVSEGLTAASSMKTTVSENILNAGALVAGTPST..    70
NTDB id 1258 GCO85 RS09745 WP 014844212.1     .........MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNALPATQAAT..    69
NTDB id 1274 LPP RS09530 WP 011214168.1       .........MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNALPATQAAT..    69
consensus                                                  ***!*!!!!!!!*!!**!!!**!*!*!**!* ** *****       ******  *  *  *
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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1038 HON27 RS01510 WP 000993725.1     ...........GFTAATSSV.CATYSID..AFTETDGAGKIT.CTLK...G..NPKIATKIVELTRS.............    116
NTDB id 1192 PAKAF RS23870 WP 024947914.1     A...TKKEVPLGVAADANKL.GTIALKP....DPADGTADITLTFTM...GGAGPKNKGKIITLTRT............A    128
NTDB id 1197 PSJM300 03940 AFN76866.1         ........GYIGITDSTS.Y.CDVDLD.....TAADGH..IE.CTAK...GGNAGKFDGKTITLNRT.............    118
NTDB id 1204 PSJM300 03935 AFN76865.1         ........GFIGIGASTN.Y.CTVTLI.....ATATGS..IT.CTTQ...NGMPDRFNGKTITIART.............    120
NTDB id 1383 A4U84 RS08530 WP 005711781.1     ........GKNGVRADKSDVPDAKYLKSISVASG.....VITVAGKG........NIDGYGYTMTP..........KFAN    126
NTDB id 1109 OK783 RS10670 WP 157147416.1     ...........GVAS.A.STIKGKYVQKVEVAKG.....VVTAQMAS...TGVNKEIQDKKLSLWA..........KRQD    120
NTDB id 1119 NGFG RS11465 WP 017147169.1      ...........GVAS.PPTDIKGKYVKEVEVKNG.....VVTATMLS...SGVNNEIKGKKLSLWG..........RREN    121
NTDB id 1191 AAC28468.1 484..945( )           NVIFDSANG...........LDGKYFAPGGVTV.TPDTGAINIAFDAGA.......NAGKTMTITPTVI.......AASG    128
NTDB id 1188 NELON RS01755 WP 003772458.1     NKTAAAGGGAGGAAA.AGTQHASKYVKSVKVTE..ASPWDITVAISATEANGIPTGLDGNTIRLFPLVNK.AVP.AATST    148
NTDB id 322143 EBA03 RS16635 WP 024743355.1   .....SGYAF.........PGATKYVSGVSIAD...GTGVVTVTSTV.P.......NAAGSILLTPK.........DVGG    116
NTDB id 1424 RS RS02795 WP 011000517.1        ...........GSSV.F...TPTKNVANLTIAGTGTVPGQITVTYTT.A.......AGGGTLALVPTAAGTALPVSSAPS    131
NTDB id 1002 ACIAD RS15100 WP 004923779.1     .....AGSSCVGVQE.ISASNATTNVAT..ATCGASSAGQIIVTMDTTK.......AKGANITLTP..........TYAS    125
NTDB id 1258 GCO85 RS09745 WP 014844212.1     .....GYV..........SPAATPNVQS..IAIG..ANGVITITYTA.A.......AGGGTIIMTPT.........LQAN    113
NTDB id 1274 LPP RS09530 WP 011214168.1       .....GYV..........SPAATPNVAS..IAIG..ANGVITITYTA.A.......AGGGTIVMTPT.........LQAN    113
consensus                                                  *          *  *    *        * ***               * *******
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NTDB id 1038 H0N27 RS01510 WP 000993725.1     TDGAWTCVSD....................VPTEFLP.KGCTAGTPTEGAITSL   149
NTDB id 1192 PAKAF RS23870 WP 024947914.1     ADGLWKCTSD....................QDEQFIP.KGCSK...........   150
NTDB id 1197 PSJM300 03940 AFN76866.1         ADGEWSCAST....................LDAKYKP.GKCS............   139
NTDB id 1204 PSJM300 03935 AFN76865.1         TDGLWDCTSD....................LDSRYKP.GKCL............   141
NTDB id 1383 A4U84 RS08530 WP 005711781.1     NNITWATSCQGAD..................ISLFPANFCGQKATP.......   154
NTDB id 1109 OK783 RS10670 WP 157147416.1     GSVKWFCGQPVTRTGDNDDTVA..DANNAIDTKHLP.STCRDESSAT......   164
NTDB id 1119 NGFG RS11465 WP 017147169.1      GSVKWFCGQPVTRADDDTVADA..KDGKEIDTKHLP.STCRDKASDAK.....   166
NTDB id 1191 AAC28468.1 484..945( )           QISTWTCAPGAAN................GIETRRLP.TSCQ*...........   153
NTDB id 1188 NELON RS01755 WP 003772458.1     GAIDWACASAAKETADKRFGTGSGVAVGTLPAKYAP.SECK............   188
NTDB id 322143 EBA03 RS16635 WP 024743355.1   GQLKWTCSSA....................ILTKYLP.AECRSSGT........   141
NTDB id 1424 RS RS02795 WP 011000517.1        GPIMWTCYAQNKAQAASSVAPS...GTMSLAAKYAP.AECR............   168
NTDB id 1002 ACIAD RS15100 WP 004923779.1     GAVTWKCTTT....................S.DKKYVP.SECRG...........   147
NTDB id 1258 GC085 RS09745 WP 014844212.1     GDVTWTCTGG...................TLLAKYRP.ASCRP...........   136
NTDB id 1274 LPP RS09530 WP 011214168.1       GDVTWTCTGG...................TLLAKYRP.ASCRP...........   136
consensus                                     * * ! *                      *  ** !    !*
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X non conserved

X similar

X ≥50% conserved