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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
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     .......MKAMQKGFTLIELMIVIAIIGILAAIALPAYQDYTVRSKVSEALIAASSPKSALSEAFQTDGITGMTAAAK.A    72
NTDB id 1424 RS RS02795 WP 011000517.1        MKSMRHLNKRVQKGFTLIELMIVVAIVGILAAIAIPAYQDYTVRARVTEGLSLAAQAKALVSENAANAQSDLSVGS....    76
NTDB id 1002 ACIAD RS15100 WP 004923779.1     ........MNAQKGFTLIELMIVIAIIGILAAIAIPAYTDYTVRARVSEGLTAASSMKTTVSENILNAGALVAGTP....    68
NTDB id 106797 ACAM42 RS33140 WP 369630677.1  .MNRRSIARNVQKGFTLIELMIVVAIIGILAAVALPAYQDYVVRSRVTEGLALASGAKTAISENA.....AQGAGFAN.G    73
NTDB id 1274 LPP RS09530 WP 011214168.1       .........MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNALPATQAAT.G    70
NTDB id 1258 GCO85 RS09745 WP 014844212.1     .........MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNALPATQAAT.G    70
consensus                                               *!!!!!!!!!!!!!*!!*!!!!!*!*!!!*!!**!****!** **    ******                *
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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1119 NGFG RS11465 WP 017147169.1      ............GVASPPTDIKGKYVKEVEVKN...GVVTATMLSSGV...........NNEIKGKKLSL..........    115
NTDB id 1191 AAC28468.1 484..945( )           NVIFDSANGLDGKYFAPG.........GVTVT.PDTGAINIAFDAGANA...............GKTMTITPTVI.....    124
NTDB id 1188 NELON RS01755 WP 003772458.1     FNKTAAAGGGAGGAAAAGTQHASKYVKSVKVTEASPWDITVAISATEANGI........PTGLDGNTIRLFPLVN....K    140
NTDB id 1424 RS RS02795 WP 011000517.1        .SVFT............PTKN..VANLTIAGTGTVPGQITVTYTTAAGGGTLALVPTAAGTALPVS..............    127
NTDB id 1002 ACIAD RS15100 WP 004923779.1     ..STA............GSSC..VGVQEISASNATTNVATATCG.ASSAGQIIVTM..DTTKAKGANIT...........    118
NTDB id 106797 ACAM42 RS33140 WP 369630677.1  YVLPA............ATPN..V..SSIAIADLT.GVITITYTAAAGNGTVTLTPTSGGTALAGTALTTAPTATVAGAG    136
NTDB id 1274 LPP RS09530 WP 011214168.1       YVSPA............ATPN..V..ASIAIG.AN.GVITITYTAAAGGGTIVMTPTL......................    110
NTDB id 1258 GCO85 RS09745 WP 014844212.1     YVSPA............ATPN..V..QSIAIG.AN.GVITITYTAAAGGGTIIMTPTL......................    110
consensus                                         *            **    *   ** *     ************** * *          *   *
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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1119 NGFG RS11465 WP 017147169.1      ..WGRRENGSVKWFCGQPVTRADDDTVADA..KDGKEIDTKHLPSTCRDKASDAK    166
NTDB id 1191 AAC28468.1 484..945( )           ....AASGQISTWTCAPGAAN...............GIETRRLPTSCQ*......    153
NTDB id 1188 NELON RS01755 WP 003772458.1     AVPAATSTGAIDWACASAAKETADKRFGTGSGVAVGTLPAKYAPSECK.......    188
NTDB id 1424 RS RS02795 WP 011000517.1        ....SAPSGPIMWTCYAQNKAQAASSVA...PSGTMSLAAKYAPAECR.......    168
NTDB id 1002 ACIAD RS15100 WP 004923779.1     .LTPTYASGAVTWKCTTT...................SDKKYVPSECRG......    147
NTDB id 106797 ACAM42 RS33140 WP 369630677.1  GSSTVPTGGSIEWLCRPGT................TGGMAVKFLPASCRP......    170
NTDB id 1274 LPP RS09530 WP 011214168.1       .....QANGDVTWTCTGG..................TLLAKYRPASCRP......    136
NTDB id 1258 GCO85 RS09745 WP 014844212.1     .....QANGDVTWTCTGG..................TLLAKYRPASCRP......    136
consensus                                             * * ! !  *                    *  **  ! *!*
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X non conserved

X similar

X ≥ 50% conserved