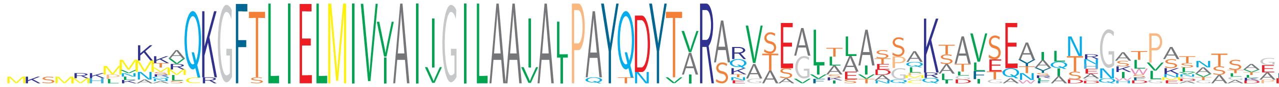
logo



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NTDB id 1192 PAKAF RS23870 WP 024947914.1     ........MKAQKGFTLIELMIVVAIIGILAAIAIPQYQNYVARSEGASALASVNPLKTTVEEAL.SRGWSVKSGTGTED  71
NTDB id 1197 PSJM300 03940 AFN76866.1        ......MKAQMQKGFTLIELMIVVAIIGILAAIALPAYQDYTVRSNAAAALAEITPGKIGFEQAI.NEGKTPSLTSTDE.  72
NTDB id 1204 PSJM300 03935 AFN76865.1        ....MKPVKSSCRGFSLIELMIVVAIIGILAAIALPAYQNYTVRSTAASALAEITPAKAAFEQAI.SEGHTPSLVSSLP.  74
NTDB id 1109 OK783 RS10670 WP 157147416.1     .......MNTLQKGFTLIELMIVIAIVGILAAVALPAYQDYTARAQVSEAILLAEGGQKSAVTEYYLNHGIWPKDNTSAG.  72
NTDB id 1119 NGFG RS11465 WP 017147169.1      .......MNTLQKGFTLIELMIVIAIVGILAAVALPAYQDYTARAQVSEAILLAEGGQKSAVTEYYLNHGKWPENNTSAG.  72
NTDB id 1191 AAC28468.1 484..945( )          ......MLKKVQKGFTLIELMIVIAIIGILAAIALPAYQDYTARAQATEGFKATAGLQTDLGAWRADRGSFPNAAALVA.  73
NTDB id 1188 NELON RS01755 WP 003772458.1     .......MKAMQKGFTLIELMIVIAIIGILAAIALPAYQDYTVRSKVSEALIAASSPKSALSEAFQTDGITGMTAAAKAF  73
NTDB id 79061 PotMrB4 RS05685 WP 172432751.1 ........MKAQKGFTLIELMIVVAIIGILAAVALPAYQDYTARAKVSEVVLAASSCRAAISEASQTG...LAS......  63
NTDB id 1424 RS RS02795 WP 011000517.1       MKSMRHLNKRVQKGFTLIELMIVVAIVGILAAIAIPAYQDYTVRARVTEGLSLAAQAKALVSENAANAQSDLSV......  74
NTDB id 1002 ACIAD RS15100 WP 004923779.1     ........MNAQKGFTLIELMIVIAIIGILAAIAIPAYTDYTVRARVSEGLTAASSMKTTVSENILNAGALVAG......  66
NTDB id 1274 LPP RS09530 WP 011214168.1       .........MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNALPAT......  65
NTDB id 1258 GC085 RS09745 WP 014844212.1     .........MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNALPAT......  65
consensus                                                **!!*!!!!!!!*!!*!!!!!*!*!*!**!**!* *****  *   * ****     *  *
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NTDB id 1192 PAKAF RS23870 WP 024947914.1     ATKKEVP...LGV..AA....DANKLGTI.AL.KPDPADGTADITLTF...TMGGAGPKNKGKIITLTRTA.........  128
NTDB id 1197 PSJM300 03940 AFN76866.1        .....GY...IGI..TD....STS.YCDV.DL.D.TAADGH..IE.CT...AKGGNAGKFDGKTITLNRT..........  118
NTDB id 1204 PSJM300 03935 AFN76865.1        .....GF...IGI..GA....STN.YCTV.TL.I.ATATGS..IT.CT...TQNGMPDRFNGKTITIART..........  120
NTDB id 1109 OK783 RS10670 WP 157147416.1     ............V..ASA.STIKGKYVQKVEVA.....KGV..VTAQMAST...GVNKEIQDKKLSLWA...........  116
NTDB id 1119 NGFG RS11465 WP 017147169.1      ............V..ASPPTDIKGKYVKEVEVK.....NGV..VTATMLSS...GVNNEIKGKKLSLWG...........  117
NTDB id 1191 AAC28468.1 484..945( )          ...........GNVIFDSANGLDGKYFAPGGVTV.TPDTGA..INIAFDAG.......ANAGKTMTITPTVIA.......  125
NTDB id 1188 NELON RS01755 WP 003772458.1     NKTAAAGGGAGGAAAAGT..QHASKYVKSVKVT..EASPWD..ITVAISATEANGIPTGLDGNTIRLFPLVNK.......  140
NTDB id 79061 PotMrB4 RS05685 WP 172432751.1 .TPAANGFGCGETTSA......VSQYVAS....IQTTAAGA..ITVVAQNI.....AQVGTGKGITLTPYSDAAATTASV  125
NTDB id 1424 RS RS02795 WP 011000517.1       ...........GSSVF.....TPTKNVANLTIAGTGTVPGQ..ITVTYT.T.......AAGGGTLALVPTAAGTALPV..  126
NTDB id 1002 ACIAD RS15100 WP 004923779.1     .TPSTAGSSCVGVQEISA..SNATTNVATA..TCGASSAGQ..IIVTMDTT.......KAKGANITLTPT..........  122
NTDB id 1274 LPP RS09530 WP 011214168.1       .QAATGYV.........S..PAATPNVASI..AIGA..NGV..ITITY.TA.......AAGGGTIVMTPTL.........  110
NTDB id 1258 GC085 RS09745 WP 014844212.1     .QAATGYV.........S..PAATPNVQSI..AIGA..NGV..ITITY.TA.......AAGGGTIIMTPTL.........  110
consensus                                                *           * **    *       *   ***               ****** **
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NTDB id 1192 PAKAF RS23870 WP 024947914.1     ..........ADGLWKCTSD...................QDEQFIPKGCSK......  150
NTDB id 1197 PSJM300 03940 AFN76866.1        ..........ADGEWSCAST...................LDAKYKPGKCS.......  139
NTDB id 1204 PSJM300 03935 AFN76865.1        ..........TDGLWDCTSD...................LDSRYKPGKCL.......  141
NTDB id 1109 OK783 RS10670 WP 157147416.1     ......KRQDGSVKWFCGQPVTRTGDNDDTV..ADANNAIDTKHLPSTCRDESSAT.  164
NTDB id 1119 NGFG RS11465 WP 017147169.1      ......RRENGSVKWFCGQPVTRADDDTVAD..AKDGKEIDTKHLPSTCRDKASDAK  166
NTDB id 1191 AAC28468.1 484..945( )          .......ASGQISTWTCAPGA...............ANGIETRRLPTSCQ*......  153
NTDB id 1188 NELON RS01755 WP 003772458.1     ..AVPAATSTGAIDWACASAAKETADKRFGTGSGVAVGTLPAKYAPSECK.......  188
NTDB id 79061 PotMrB4 RS05685 WP 172432751.1 AADFTAGNLKPVRAWKCAGAA...............TNPIEAKYLPASCR.......  160
NTDB id 1424 RS RS02795 WP 011000517.1       .....SSAPSGPIMWTCYAQNKAQAASSVAP...SGTMSLAAKYAPAECR.......  168
NTDB id 1002 ACIAD RS15100 WP 004923779.1     .......YASGAVTWKCTTT..................S.DKKYVPSECRG......  147
NTDB id 1274 LPP RS09530 WP 011214168.1       .......QANGDVTWTCTGG..................TLLAKYRPASCRP......  136
NTDB id 1258 GC085 RS09745 WP 014844212.1     .......QANGDVTWTCTGG..................TLLAKYRPASCRP......  136
consensus                                               * * ! !                      ** ** !  !*
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X non conserved
X similar
X $\geq$ 50% conserved