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logo
NTDB id 1292 VP RS12235 WP 005479693.1          ...MKHSKQKKQQGFTLIELMIVVAIIGVLAAAAIPAYQNYVTRSEVTSGLATVKALITPAEL.HYQENGIAAAA.....   71
NTDB id 1038 HON27 RS01510 WP 000993725.1       ........MNAQKGFTLIELMIVVAIIGILAAIAIPQYQNYIAKSQVNSGFSEISSIKTGYEN.AVNEGAVPTKLSDV..   69
NTDB id 1192 PAKAF RS23870 WP 024947914.1       ........MKAQKGFTLIELMIVVAIIGILAAIAIPQYQNYVARSEGASALASVNPLKTTVEE.ALSRGWSVKSGTGTED   71
NTDB id 1197 PSJM300 03940 AFN76866.1           ......MKAQMQKGFTLIELMIVVAIIGILAAIALPAYQDYTVRSNAAAALAEITPGKIGFEQ.AINEGKTPSLTSTDE.   72
NTDB id 1204 PSJM300 03935 AFN76865.1           ....MKPVKSSCRGFSLIELMIVVAIIGILAAIALPAYQNYTVRSTAASALAEITPAKAAFEQ.AISEGHTPSLVSSLP.   74
NTDB id 1354 HI 0299 AAC21963.1                 ..MKLTTLQTLKKGFTLIELMIVIAIIAILATIAIPSYQNYTKKAAVSELLQASAPYKADVELCVYSTNETT........   70
NTDB id 1365 NTHI RS01955 WP 011271973.1        ..MKLTTQQTLKKGFTLIELMIVIAIIAILATIAIPSYQNYTKKAAVSELLQASAPYKADVELCVYSTNETT........   70
NTDB id 1109 OK783 RS10670 WP 157147416.1       .......MNTLQKGFTLIELMIVIAIVGILAAVALPAYQDYTARAQVSEAILLAEGQKSAVTEYYLNHGIWPKDNTSAGV   73
NTDB id 1119 NGFG RS11465 WP 017147169.1        .......MNTLQKGFTLIELMIVIAIVGILAAVALPAYQDYTARAQVSEAILLAEGQKSAVTEYYLNHGKWPENNTSAGV   73
NTDB id 1191 AAC28468.1 484..945( )             ......MLKKVQKGFTLIELMIVIAIIGILAAIALPAYQDYTARAQATEGFKATAGLQTDLGAWRADRGSFPNAAALVAG   74
NTDB id 1424 RS RS02795 WP 011000517.1          MKSMRHLNKRVQKGFTLIELMIVVAIVGILAAIAIPAYQDYTVRARVTEGLSLAAQAKALVSENAANAQSDLSVGSS...   77
NTDB id 1049606 ACEJ41 RS10780 WP 374012271.1  .......MKKNMQGFTLIELMIVVAIIAILAAIALPAYQDYTIRARVSELAVIAGAAKNTVAENIANNGGALPAD.....   68
NTDB id 1002 ACIAD RS15100 WP 004923779.1       ........MNAQKGFTLIELMIVIAIIGILAAIAIPAYTDYTVRARVSEGLTAASSMKTTVSENILNAGALVAGTPSTAG   72
NTDB id 1274 LPP RS09530 WP 011214168.1         .........MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNALPATQAATGY   71
NTDB id 1258 GCO85 RS09745 WP 014844212.1       .........MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNALPATQAATGY   71
consensus                                                **!!*!!!!!!!*!!***!!**!*!*!**!* ** *****      *  *    *  *
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logo
NTDB id 1292 VP RS12235 WP 005479693.1          ...TLAQLGV....D...VAANDLGAIDSA....LAGGSPTLTFTF...DADSSIDGGILTFTRD.A............A   121
NTDB id 1038 HON27 RS01510 WP 000993725.1       ........GF....T...AATSSVCATYSIDAFTETDGAGKIT.CTLKG..NPKIATKIVELTRS.T............D   118
NTDB id 1192 PAKAF RS23870 WP 024947914.1       ATKKEVPLGV....A...ADANKLGTIALKP..DPADGTADITLTFTMGGAGPKNKGKIITLTRTAA............D   130
NTDB id 1197 PSJM300 03940 AFN76866.1           .....GYIGI....T...DSTS.YCDVDLD...TAADGH..IE.CTAKGGNAGKFDGKTITLNRT.A............D   120
NTDB id 1204 PSJM300 03935 AFN76865.1           .....GFIGI....G...ASTN.YCTVTLI...ATATGS..IT.CTTQNGMPDRFNGKTITIART.T............D   122
NTDB id 1354 HI 0299 AAC21963.1                 .....SCTGGKNGIAADIKTAKGY..VASV.....ITQSGGITVKGNGT.........LANMEYILQ.....AKGNAAAG   124
NTDB id 1365 NTHI RS01955 WP 011271973.1        .....NCTGGKNGIAADITTAKGY..VKSV.....TTSNGAITVKGDGT.........LANMEYILQ.....ATGNAATG   124
NTDB id 1109 OK783 RS10670 WP 157147416.1       ASA..............STIKGKY..VQ.....KVEVAKGVVTAQMASTGVNKEIQDKKLSLW..........AKRQDGS   122
NTDB id 1119 NGFG RS11465 WP 017147169.1        ASPP.............TDIKGKY..VK.....EVEVKNGVVTATMLSSGVNNEIKGKKLSLW..........GRRENGS   123
NTDB id 1191 AAC28468.1 484..945( )             NVIFDSANGL.DGK...YFAPGG.........VTVTPDTGAINIAFDAG....ANAGKTMTITPTVIAAS.......GQI   130
NTDB id 1424 RS RS02795 WP 011000517.1          ................VFTPTKN..VANLTIAGTGTVPGQITVTYT.T....AAGGGTLALVPTAAGTALPVSSAPSGP   133
NTDB id 1049606 ACEJ41 RS10780 WP 374012271.1  .....ACAGV.E.VT..IPAASRN..TASM..TCTG.ATGVIQVTGNAT....RTNGTILTFTPTVAATA.......AVG   123
NTDB id 1002 ACIAD RS15100 WP 004923779.1       S....SCVGV.QEIS..ASNATTN..VATA..TCGASSAGQIIVTMDTT....KAKGANITLTPT.YASG.........A   127
NTDB id 1274 LPP RS09530 WP 011214168.1         V................SPAATPN..VASI..AIGA..NGVITITY.TA....AAGGGTIVMTPTLQANG.........D   115
NTDB id 1258 GCO85 RS09745 WP 014844212.1       V................SPAATPN..VQSI..AIGA..NGVITITY.TA....AAGGGTIIMTPTLQANG.........D   115
consensus                                                *                *        *   *  ***            *  ***  *
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logo
                                                  VTWTCTST                                  LDAKYLPASCR

NTDB id 1292 VP RS12235 WP 005479693.1            TGWSCLPT.................APAIA.VDGCS............   139
NTDB id 1038 HON27 RS01510 WP 000993725.1         GAWTCVSD.................VPTEFLPKGCTAGTPTEGAITSL   149
NTDB id 1192 PAKAF RS23870 WP 024947914.1         GLWKCTSD.................QDEQFIPKGCSK...........   150
NTDB id 1197 PSJM300 03940 AFN76866.1             GEWSCAST.................LDAKYKPGKCS............   139
NTDB id 1204 PSJM300 03935 AFN76865.1             GLWDCTSD.................LDSRYKPGKCL............   141
NTDB id 1354 HI 0299 AAC21963.1                   VTWTTTCK.................GTDASLFPANFCGSVTK.......   149
NTDB id 1365 NTHI RS01955 WP 011271973.1          VTWTTTCK.................GTDASLFPANFCGSVTQ.......   149
NTDB id 1109 OK783 RS10670 WP 157147416.1         VKWFCGQPVTRTGDNDDTVADANNAIDTKHLPSTCRDESSAT......   164
NTDB id 1119 NGFG RS11465 WP 017147169.1          VKWFCGQPVTRADDDTVADAKDGKEIDTKHLPSTCRDKASDAK.....   166
NTDB id 1191 AAC28468.1 484..945( )               STWTCAPGAAN..............GIETRRLPTSCQ*...........   153
NTDB id 1424 RS RS02795 WP 011000517.1            IMWTCYAQNKAQAAS.SVAPSGTMSLAAKYAPAECR............   168
NTDB id 1049606 ACEJ41 RS10780 WP 374012271.1    TTWTCVGS.................GSQAKYYPAECR............   143
NTDB id 1002 ACIAD RS15100 WP 004923779.1         VTWKCTTT.................S.DKKYVPSECRG...........   147
NTDB id 1274 LPP RS09530 WP 011214168.1           VTWTCTGG.................TLLAKYRPASCRP...........   136
NTDB id 1258 GCO85 RS09745 WP 014844212.1         VTWTCTGG.................TLLAKYRPASCRP...........   136
consensus                                           !**                     **  **  *   *
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X non conserved

X similar

X ≥ 50% conserved